AKRF

Environmental and Planning Consultants

440 Park Avenue South
7th Floor
New York, NY 10016
tel: 212 696-0670
fax: 212 213-3191
www.akrf.com

March 10, 2010

Mr. Jack Aversa, P.E.
Section Chief - Remedial Bureau B
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7010

Ms. Bridget Callaghan
Bureau of Environmental Exposure Assessment
New York State Department of Health
547 River Street
Troy, NY 12180

Re: February 2010 Progress Report
Home Depot Woodhaven Blvd., Rego Park, NY
Voluntary Cleanup Program Site #V00095

Dear Mr. Aversa and Ms. Callaghan:

Remedial activities are being performed at the Home Depot Woodhaven Boulevard site in accordance with a Voluntary Cleanup Agreement (#V00095) entered into in 1997. The site is located on the east side of Woodhaven Boulevard just north of the Long Island Railroad tracks in Glendale/Rego Park, Queens and comprises the southern portion of the Home Depot property, including the store building and the immediately surrounding areas, corresponding to two industrial/commercial properties that formerly occupied the site. Remedial work is being performed in accordance with the New York State Department of Environmental Conservation Department (NYSDEC)-approved *Remedial Work Plan, ADI and Glendale Properties, Rego Park, Queens, New York*, dated May 1997 (RWP). Prior remedial activities conducted on the site included:

- Supplemental testing following demolition of the former on-site buildings to identify areas of contaminated surface soil;
- Excavation and removal of over 1,000 tons of tetrachloroethene (PCE)-contaminated soil from two source areas within the footprint of the former ADI building adjacent to Woodhaven Boulevard; and
- Construction and operation of an air sparging/soil vapor extraction (AS/SVE) system covering the source areas, the area immediately downgradient of the source area, and the downgradient boundary of the site.

This report summarizes the activities conducted at the site in February 2010 pursuant to the Voluntary Cleanup Agreement and the RWP.

January 2010 Quarterly Groundwater Sampling Event

The first 2010 quarterly groundwater sampling event was conducted between January 29 and February 8, 2010. Well AMW-5 was not sampled due to the obstruction noted in the previous sampling event. See Figure 1 for well locations.

Groundwater samples were collected using low-flow sampling techniques. Groundwater samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) by TestAmerica, Inc. of Shelton, Connecticut. Laboratory analytical results for the sampling event are provided as Appendix A. The laboratory analytical results for this sampling event are provided in Table 1 and historical PCE concentrations are summarized in Table 2.

Concentrations were generally lower [ranging from 3.1 to 6,100 parts per billion (ppb)] in wells screened at or near the water table and gradually decrease with depth, with concentrations ranging from 1.4 to 400 ppb in samples collected from wells screened at the confining clay layer which is located about 134 to 146 feet below surface grade (approximately 85 to 95 feet below the water table). Most samples contained PCE levels similar to or lower than those detected in the previous round of sampling or within historic ranges. The PCE concentration detected at monitoring well AMW-1 (where a PCE concentration of 47,000 ppb was recorded during the previous round of sampling) was 2,600 ppb, much lower than the previous round and consistent with historic data. The PCE concentrations detected in monitoring wells P-2, P-9, P-10 and P-20 were higher than previous sampling events, but with no trend apparent due to limited data.

Air Sparging/Soil Vapor Extraction (AS/SVE) System Operation

The AS/SVE system was inspected on February 9 and 19, 2010 and found to be operating with no water in the moisture separation tank. The SVE lines were operating within expected pressure ranges. The AS system was shut down in its entirety on February 8, 2010 after positive pressure was observed in groundwater monitoring well AMW-4. The positive pressure is being evaluated as discussed below. Regular system inspection, consisting of confirming SVE pressures are as expected, field screening effluent concentrations using a photoionization detector (PID), and checking for buildup of moisture and particulate, will continue as part of the monthly system checks.

Carbon within the two 2,000-pound (lbs) vapor treatment units was replaced on January 6, 2010, with spent carbon containerized in 55-gallon drums pending acceptance from the disposal facility. The acceptance is expected by April 2010. Following the carbon replacement, a confirmatory air sample was collected to evaluate the effluent VOC concentrations. The sample was collected from the system effluent over an approximately 1-hour sampling period and analyzed for VOCs by EPA Method TO-15 by York Analytical Laboratories, Inc. of Stratford, Connecticut. The laboratory analytical data report for the effluent sample is provided in Appendix B. The laboratory analytical results indicate that detectable concentrations of acetone and toluene are present in the effluent sample, with no detections for any other VOCs. All detected VOC concentrations were well below the NYSDEC Division of Air Resources (DAR)-1 Short-term Guideline Concentrations (SGC).

Indoor Air Sampling

During groundwater sampling on February 8, 2010, positive air pressure was observed in monitoring well AMW-4. In response, the air sparge system was shut down while the SVE was continued in operation. The air pressure in AMW-4 and surrounding wells was monitored on February 9 and 19, 2010. The pressure in AMW-4 was observed to be 49.5 and 53 inches of water and the pressure in P-12 was observed to be 2.0 and 2.5 inches of water on February 9 and 19, 2010, respectively. No pressure was observed in any other monitoring wells in the area. Similar pressure was noted in monitoring well AMW-4 in 2004 and was reported at the time. Response actions, including off-gassing pressure of the well through carbon canisters, were implemented but the pressure dissipated before the issue was fully assessed.

In response to the pressurized well, air samples were collected inside the store at well location for AMW-4 and two other locations to give wider representation of indoor air quality throughout the store. The objective of the indoor air sampling was to determine whether the positive pressure in the well or vapor intrusion has affected indoor air quality at the site. The scope of work included a site inspection, collection of indoor and ambient air samples, and laboratory analysis for select parameters. The field activities were completed in accordance with indoor air sampling procedures described in New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 (NYSDOH, 2006).

The inventory of on-site chemicals used and stored in the vicinity of each sampling location was logged on the sampling forms provided as Appendix C. The air samples were collected over an approximately 8-hour sampling period and analyzed for chlorinated volatile organic compounds (CVOCs) by EPA Method TO-15 by York Analytical Laboratories, Inc. of Stratford, Connecticut. During sampling, the air was field screened using a PID and the general conditions were documented at each sample locations. Copies of the indoor air sampling logs are provided in Appendix C.

Analytical results for VOCs in the indoor and ambient air samples are summarized in Table 3 and laboratory analytical data reports are provided in Appendix B. Table 3 also lists the NYSDOH Air Guideline Values (AGVs) for comparison.

The laboratory analytical results indicated that detectable concentrations of CVOCs were present in all of the indoor and ambient air samples. Five (5) of the 8 VOCs analyzed for were detected in the indoor air samples, including 1,1,1-trichloroethane, 1,2-dichloroethane, carbon tetrachloride, tetrachloroethene (PCE), and trichloroethene (TCE). Two (2) of these compounds (carbon tetrachloride and PCE) were detected in the ambient air sample. All detected VOC concentrations were well below the NYSDOH AGVs. These results indicate that the overall indoor air quality in the building has not been adversely affected by the pressurized well or vapor intrusion.

We will continue to monitor the pressure in the well and evaluate site conditions to determine the source of the pressure detected and appropriate corrective measures.

AS/SVE System Expansion

Preliminary design of the AS/SVE expansion was presented to NYSDEC and NYSDOH in correspondence dated February 3, 2010. NYSDEC accepted the preliminary design with comments on February 12, 2010. The AS/SVE Expansion Work Plan was submitted to NYSDEC and NYSDOH on February 16, 2010. On February 24, 2010, AKRF and Warren George, Inc. of Jersey City, New Jersey began AS and SVE well installation activities at the site.

Please feel free to contact Kate at (646) 388-9525 or Marc at (914) 922-2356 with any questions.

Sincerely,
AKRF, Inc.

Kathleen M. Brunner
Technical Director

Marc S. Godick, LEP
Senior Vice President

cc hardcopy: Sadique Ahmed, Michael Lesser – NYSDEC

cc via email: John Patton, Theresa Brophy Home Depot
Mark Chertok, Jennifer Coghlan – Sive Paget & Riesel

Attachments: Figure 1 – Site Plan
Tables 1 and 2 – Groundwater Sampling Results Summary
Table 3 – Indoor Air Sampling Results
Appendix A – Groundwater Sampling Laboratory Analytical Results
Appendix B Indoor Air and Effluent Sampling Laboratory Analytical Results
Appendix C – Indoor Air Sampling Logs

FIGURES

P-7

P-8

PARKING AREA

AA

IAS-2

IAS-3

AMW-2

AMW-3

SVE 5E

AS 5F

SVE 5D

AS 5E

AS 5D

SVE 5C

AS 5C

SVE 5B

AS 5A

IAS-1

AMW-4

P-9

P-10

P-12

P-11

P-5

P-16

P-15

P-17

P-18

P-14

P-13

P-19

P-20

AMW-6

P-4

P-21

P-22

AMW-5

AMW-1

P-1

P-2

P-3

NURSERY

SVE-2F

SVE-2E

AS 2J

AS-2

AS 2H

AS 2G

SVE 2D

SVE 2C

AS 2F

AS 2E

AS 2D

AS 2C

SVE 2B

SVE 2A

AS 2B

AS 2A

AS 1G

SVE 1D

SVE 1E

AS 1F

AS 1E

AS 1D

AS 1C

SVE 1B

SVE 1A

AS 1A

AS 3A

AS 3B

AS 3C

SVE 3B

SVE 3C

AS 3E

SVE 4A

AS 4B

AS 4C

SVE 4B

SVE 4C

AS 4D

AS 4E

1 STORY CONCRETE BLOCK BUILDING

(HOME DEPOT)

0' 25' 50' 100'

SCALE IN FEET

LEGEND

PROPERTY BOUNDARY

IAS-3 AIR SAMPLING LOCATION

P-3 MONITORING WELL

AS 5C AIR SPARGING SVE SYSTEM

AKRF

Environmental Consultants

440 Park Avenue South, New York, NY 10016

HOME DEPOT - REGO PARK

REGO PARK, NEW YORK

SITE PLAN

DATE 3.09.10

PROJECT NO. 03399

SCALE as shown

FIGURE 1

TABLES

Table 1
Home Depot - Rego Park, NY
Groundwater Analytical Results
Volaile Organic Compounds

		Wells screened across the groundwater surface (about 50 feet below grade)					
Sample ID		**P-1**	**P-2**	**P-3**	**P-4**	**P-5**	**P-7**
Lab Sample Number	**NYSDEC Class**	**220-10551-2**	**220-10559-2**	**220-10604-1**	**220-10588-9**	**220-10588-2**	**220-10574-2**
Sampling Date	**GA Water Quality**	**10/26/2009**	**10/27/2009**	**11/2/2009**	**10/30/2009**	**10/29/2009**	**10/29/2009**
Dilution Factor	**Standards**	**400**	**1**	**10**	**5**	**1**	**1**
Units		**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**
1,1,1-Trichloroethane	5	17 U	0.69 U	3.4 U	2.8 U	0.69 U	0.69 U
1,1,2,2-Tetrachloroethane	5	20 U	0.81 U	4.0 U	3.2 U	0.81 U	0.81 U
1,1,2-Trichloroethane	1	16 U	0.65 U	3.2 U	2.6 U	0.65 U	0.65 U
1,1-Dichloroethane	5	26 U	1.0 U	5.2 U	4.1 U	1.0 U	1.0 U
1,1-Dichloroethene	5	21 U	0.83 U	4.2 U	3.3 U	0.83 U	0.83 U
1,2-Dichloroethane	0.6	18 U	0.72 U	3.6 U	2.9 U	0.72 U	0.72 U
1,2-Dichloropropane	1	18 U	0.71 U	3.6 U	2.8 U	0.71 U	0.71 U
2-Hexanone	50	27 U	1.1 U	5.4 U	4.4 U	1.1 U	1.1 U
Acetone	50	130 J	1.0 U	5.2 U	4.1 U	1.0 U	1.0 U
Benzene	1	18 U	0.74 U	3.7 U	3.0 U	0.74 U	0.74 U
Bromodichloromethane	50	12 U	0.48 U	2.4 U	1.9 U	0.48 U	0.48 U
Bromoform	50	12 U	0.46 U	2.3 U	1.8 U	0.46 U	0.46 U
Bromomethane	5	53 U	2.1 U	11 U	8.5 U	2.1 U	2.1 U
Carbon disulfide	60	22 U	0.90 U	4.5 U	3.6 U	0.90 U	0.90 U
Carbon tetrachloride	5	27 U	1.1 U	5.4 U	4.3 U	1.1 U	1.1 U
Chlorobenzene	5	18 U	0.72 U	3.6 U	2.9 U	0.72 U	0.72 U
Chloroethane	5	26 U	1.1 U	5.3 U	4.2 U	1.1 U	1.1 U
Chloroform	7	17 U	0.67 U	3.4 U	2.7 U	0.67 U	0.67 U
Chloromethane	5	27 U	1.1 U	5.4 U	4.4 U	1.1 U	1.1 U
cis-1,2-Dichloroethene	5	25 U	0.99 U	5.0 U	4.0 U	0.99 U	0.99 U
cis-1,3-Dichloropropene	0.4	7.0 U	0.28 U	1.4 U	1.1 U	0.28 U	0.28 U
Dibromochloromethane	50	14 U	0.55 U	2.8 U	2.2 U	0.55 U	0.55 U
Ethylbenzene	5	22 U	0.87 U	4.4 U	3.5 U	0.87 U	0.87 U
Methyl Ethyl Ketone	5	27 U	1.1 U	5.4 U	4.4 U	1.1 U	1.1 U
methyl isobutyl ketone	5	9.5 U	0.38 U	1.9 U	1.5 U	0.38 U	0.38 U
Methylene Chloride	5	26 J	0.78 U	3.9 U	3.1 U	0.78 U	0.78 U
Styrene	5	16 U	0.64 U	3.2 U	2.6 U	0.64 U	0.64 U
Tetrachloroethene	5	**2600**	**36**	**550**	**400**	**6.8**	**3.1 J**
Toluene	5	18 U	0.72 U	3.6 U	2.9 U	0.72 U	0.72 U
trans-1,2-Dichloroethene	5	19 U	0.76 U	3.8 U	3.0 U	0.76 U	0.76 U
trans-1,3-Dichloropropene	0.4	14 U	0.57 U	2.8 U	2.3 U	0.57 U	0.57 U
Trichloroethene	5	16 U	0.62 U	3.5 J	2.5 U	0.62 U	0.62 U
Vinyl acetate		41 U	1.6 U	8.2 U	6.5 U	1.6 U	1.6 U
Vinyl chloride	2	25 U	0.99 U	5.0 U	4.0 U	0.99 U	0.99 U
Xylenes, Total	5	57 U	2.3 U	11 U	9.1 U	2.3 U	2.3 U

QUALIFIERS
- *: LCS or LCSD exceeds the control limits
- B: The analyte was found in an associated blank, as well as in the sample.
- H: Sample was prepped or analyzed beyond the specified holding time
- J: Indicates an estimated value.
- U: Analyzed for but not detected.

Table 1
Home Depot - Rego Park, NY
Groundwater Analytical Results
Volaile Organic Compounds

	Wells screened across the groundwater surface (about 50 feet below grade)		Wells screened across the groundwater surface (about 50 feet below grade)		Wells screened across the groundwater surface (about 50 feet below grade)		
Sample ID	**P-10**	**P-12**	**P-14**	**P-16**	**AMW-2**	**AMW-3**	**AMW-4**
Lab Sample Number	**220-10574-1**	**220-10588-1**	**220-10588-10**	**220-10604-3**	**220-10559-5**	**220-10559-6**	**220-10559-4**
Sampling Date	**10/28/2009**	**10/29/2009**	**10/30/2009**	**11/2/2009**	**10/28/2009**	**10/28/2009**	**10/28/2009**
Dilution Factor	**20**	**50**	**1**	**1**	**5**	**25**	**20**
Units	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**
1,1,1-Trichloroethane	69 U	3.4 U	0.69 U	0.69 U	0.69 U	14 U	2.8 U
1,1,2,2-Tetrachloroethane	81 U	4.0 U	0.81 U	0.81 U	0.81 U	16 U	3.2 U
1,1,2-Trichloroethane	65 U	3.2 U	0.65 U	0.65 U	0.65 U	13 U	2.6 U
1,1-Dichloroethane	100 U	5.2 U	1.0 U	1.0 U	1.0 U	21 U	4.1 U
1,1-Dichloroethene	83 U	4.2 U	0.83 U	0.83 U	0.83 U	17 U	3.3 U
1,2-Dichloroethane	72 U	3.6 U	0.72 U	0.72 U	0.72 U	14 U	2.9 U
1,2-Dichloropropane	71 U	3.6 U	0.71 U	0.71 U	0.71 U	14 U	2.8 U
2-Hexanone	110 U	5.4 U *	1.1 U	1.1 U	1.1 U	22 U	4.4 U
Acetone	100 J	5.2 U	1.0 U	1.0 U	1.0 U	21 U	4.1 U
Benzene	74 U	3.7 U	0.74 U	0.74 U	0.74 U	15 U	3.0 U
Bromodichloromethane	48 U	2.4 U	0.48 U	0.48 U	0.48 U	9.6 U	1.9 U
Bromoform	46 U	2.3 U	0.46 U	0.46 U	0.46 U	9.2 U	1.8 U
Bromomethane	210 U	11 U	2.1 U	2.1 U	2.1 U	42 U	8.5 U
Carbon disulfide	90 U	4.5 U	0.90 U	0.90 U	0.90 U	18 U	3.6 U
Carbon tetrachloride	110 U	5.4 U	1.1 U	1.1 U	1.1 U	21 U	4.3 U
Chlorobenzene	72 U	3.6 U	0.72 U	0.72 U	0.72 U	14 U	2.9 U
Chloroethane	110 U	5.3 U	1.1 U	1.1 U	1.1 U	21 U	4.2 U
Chloroform	67 U	3.4 U	0.67 U	0.67 U	0.67 U	13 U	2.7 U
Chloromethane	110 U	5.4 U	1.1 U	1.1 U	1.1 U	22 U	4.4 U
cis-1,2-Dichloroethene	99 U	5.0 U	0.99 U	0.99 U	0.99 U	20 U	16 J
cis-1,3-Dichloropropene	28 U	1.4 U	0.28 U	0.28 U	0.28 U	5.6 U	1.1 U
Dibromochloromethane	55 U	2.8 U	0.55 U	0.55 U	0.55 U	11 U	2.2 U
Ethylbenzene	87 U	4.4 U	0.87 U	0.87 U	0.87 U	17 U	3.5 U
Methyl Ethyl Ketone	110 U	5.4 U	1.1 U	1.1 U	1.1 U	22 U	4.4 U
methyl isobutyl ketone	38 U	1.9 U *	0.38 U	0.38 U	0.38 U	7.6 U	1.5 U
Methylene Chloride	360 J B	3.9 U	0.78 U	0.78 U	0.78 U	16 U	4.4 J
Styrene	64 U	3.2 U	0.64 U	0.64 U	0.64 U	13 U	2.6 U
Tetrachloroethene	**6100**	**250**	4.3 J	4.4 J	**80**	**2000**	**680**
Toluene	72 U	3.6 U	0.72 U	0.72 U	0.72 U	14 U	2.9 U
trans-1,2-Dichloroethene	76 U	3.8 U	0.76 U	0.76 U	0.76 U	15 U	8.7 J
trans-1,3-Dichloropropene	57 U	2.8 U	0.57 U	0.57 U	0.57 U	11 U	2.3 U
Trichloroethene	62 U	3.1 U	0.93 J	0.62 U	0.62 U	26 J	15 J
Vinyl acetate	160 U	8.2 U	1.6 U	1.6 U	1.6 U	33 U	6.5 U
Vinyl chloride	99 U	5.0 U	0.99 U	0.99 U	0.99 U	20 U	4.0 U
Xylenes, Total	230 U	11 U	2.3 U	2.3 U	2.3 U	45 U	9.1 U

Table 1
Home Depot - Rego Park, NY
Groundwater Analytical Results
Volaile Organic Compounds

	Wells screened 10 feet below groundwater surface (about 60 feet below grade)				Wells screened 20 feet below groundwater surface (about 70 feet below grade)				Wells screened 30 feet below groundwater surface (about 80 feet below grade)			
Sample ID	**P-9**		**P-11**		**P-8R**		**AMW-6**		**P-13**		**P-15**	
Lab Sample Number	**220-10559-1**		**220-10574-4**		**220-10574-3**		**220-10588-8**		**220-10588-12**		**220-10604-2**	
Sampling Date	**10/28/2009**		**10/29/2009**		**10/29/2009**		**10/30/2009**		**10/30/2009**		**11/2/2009**	
Dilution Factor	**2**		**1**		**1**		**5**		**1**		**4**	
Units	**ug/L**		**ug/L**		**ug/L**		**ug/L**		**ug/L**		**ug/L**	
1,1,1-Trichloroethane	17	U	1.4	U	0.69	U	3.4	U	1.4	U	0.69	U
1,1,2,2-Tetrachloroethane	20	U	1.6	U	0.81	U	4.0	U	1.6	U	0.81	U
1,1,2-Trichloroethane	16	U	1.3	U	0.65	U	3.2	U	1.3	U	0.65	U
1,1-Dichloroethane	26	U	2.1	U	1.0	U	5.2	U	2.1	U	1.0	U
1,1-Dichloroethene	21	U	1.7	U	0.83	U	4.2	U	1.7	U	0.83	U
1,2-Dichloroethane	18	U	1.4	U	0.72	U	3.6	U	1.4	U	0.72	U
1,2-Dichloropropane	18	U	1.4	U	0.71	U	3.6	U	1.4	U	0.71	U
2-Hexanone	27	U	2.2	U	1.1	U	5.4	U	2.2	U	1.1	U
Acetone	26	U	4.2	J	1.0	U	5.2	U	2.1	U	1.0	U
Benzene	18	U	1.5	U	0.74	U	3.7	U	1.5	U	0.74	U
Bromodichloromethane	12	U	0.96	U	0.48	U	2.4	U	0.96	U	0.48	U
Bromoform	12	U	0.92	U	0.46	U	2.3	U	0.92	U	0.46	U
Bromomethane	53	U	4.2	U	2.1	U	11	U	4.2	U	2.1	U
Carbon disulfide	22	U	1.8	U	0.90	U	4.5	U	1.8	U	0.90	U
Carbon tetrachloride	27	U	2.1	U	1.1	U	5.4	U	2.1	U	1.1	U
Chlorobenzene	18	U	1.4	U	0.72	U	3.6	U	1.4	U	0.72	U
Chloroethane	26	U	2.1	U	1.1	U	5.3	U	2.1	U	1.1	U
Chloroform	17	U	1.3	U	3.1	J	3.4	U	1.3	U	0.67	U
Chloromethane	27	U	2.2	U	1.1	U	5.4	U	2.2	U	1.1	U
cis-1,2-Dichloroethene	25	U	2.0	U	6.4		5.0	U	2.0	U	0.99	U
cis-1,3-Dichloropropene	7.0	U	0.56	U	0.28	U	1.4	U	0.56	U	0.28	U
Dibromochloromethane	14	U	1.1	U	0.55	U	2.8	U	1.1	U	0.55	U
Ethylbenzene	22	U	1.7	U	0.87	U	4.4	U	1.7	U	0.87	U
Methyl Ethyl Ketone	27	U	2.2	U	1.1	U	5.4	U	2.2	U	1.1	U
methyl isobutyl ketone	9.5	U	0.76	U	0.38	U	1.9	U	0.76	U	0.38	U
Methylene Chloride	83	J B	4.1	B	0.78	U	5.4	J	1.6	U	0.78	U
Styrene	16	U	1.3	U	0.64	U	3.2	U	1.3	U	0.64	U
Tetrachloroethene	**1200**		**150**		**39**		**730**		**280**		**120**	
Toluene	18	U	1.4	U	0.72	U	3.6	U	1.4	U	0.72	U
trans-1,2-Dichloroethene	19	U	1.5	U	9.3		3.8	U	1.5	U	0.76	U
trans-1,3-Dichloropropene	14	U	1.1	U	0.57	U	2.8	U	1.1	U	0.57	U
Trichloroethene	16	U	1.2	U	14		3.1	U	1.2	U	0.74	J
Vinyl acetate	41	U	3.3	U	1.6	U	8.2	U	3.3	U	1.6	U
Vinyl chloride	25	U	2.0	U	0.99	U	5.0	U	2.0	U	0.99	U
Xylenes, Total	57	U	4.5	U	2.3	U	11	U	4.5	U	2.3	U

Table 1
Home Depot - Rego Park, NY
Groundwater Analytical Results
Volaile Organic Compounds

	Wells screened about 50 feet below groundwater surface (about 100 feet below grade)						Wells screened about 70 feet below groundwater surface (but above clay		Wells screened just above the clay confining layer (identified about 134 to 146' below grade)					
Sample ID	**AMW-1**		**P-17**		**P-19**		**P-21**		**P-18**		**P-20**		**P-22**	
Lab Sample Number	**220-10551-3**		**220-10588-3**		**220-10588-6**		**220-10551-4**		**220-10588-4**		**220-10588-7**		**220-10551-5**	
Sampling Date	**10/26/2009**		**10/29/2009**		**10/30/2009**		**10/26/2009**		**10/29/2009**		**10/30/2009**		**10/26/2009**	
Dilution Factor	**1**		**1**		**4**		**10**		**1**		**1**		**1**	
Units	**ug/L**		**ug/L**		**ug/L**		**ug/L**		**ug/L**		**ug/L**		**ug/L**	
1,1,1-Trichloroethane	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	2.8	U	0.69	U
1,1,2,2-Tetrachloroethane	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U	3.2	U	0.81	U
1,1,2-Trichloroethane	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	2.6	U	0.65	U
1,1-Dichloroethane	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.1	U	1.0	U
1,1-Dichloroethene	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	3.3	U	0.83	U
1,2-Dichloroethane	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	2.9	U	0.72	U
1,2-Dichloropropane	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	2.8	U	0.71	U
2-Hexanone	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	4.4	U	1.1	U
Acetone	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.1	U	1.0	U
Benzene	0.74	U	0.74	U	0.74	U	0.74	U	0.74	U	3.0	U	0.74	U
Bromodichloromethane	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	1.9	U	0.48	U
Bromoform	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	1.8	U	0.46	U
Bromomethane	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	8.5	U	2.1	U
Carbon disulfide	0.90	U	0.90	U	0.90	U	0.90	U	0.90	U	3.6	U	0.90	U
Carbon tetrachloride	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	4.3	U	1.1	U
Chlorobenzene	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	2.9	U	0.72	U
Chloroethane	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	4.2	U	1.1	U
Chloroform	0.67	U	0.67	U	0.67	U	1.1	J	0.67	U	2.7	U	7.3	
Chloromethane	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	4.4	U	1.1	U
cis-1,2-Dichloroethene	0.99	U	0.99	U	0.99	U	0.99	U	0.99	U	4.0	U	0.99	U
cis-1,3-Dichloropropene	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	1.1	U	0.28	U
Dibromochloromethane	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	2.2	U	0.55	U
Ethylbenzene	0.87	U	0.87	U	0.87	U	0.87	U	0.87	U	3.5	U	0.87	U
Methyl Ethyl Ketone	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	4.4	U	1.1	U
methyl isobutyl ketone	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	1.5	U	0.38	U
Methylene Chloride	0.78	U	0.89	J	0.78	U	0.78	U	0.78	U	3.1	U	0.78	U
Styrene	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	2.6	U	0.64	U
Tetrachloroethene	**69**		0.81	U	0.81	J	**68**		1.4	J	**400**		**38**	
Toluene	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	2.9	U	0.72	U
trans-1,2-Dichloroethene	0.76	U	0.76	U	0.76	U	0.76	U	0.76	U	3.0	U	0.76	U
trans-1,3-Dichloropropene	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	2.3	U	0.57	U
Trichloroethene	0.62	U	0.62	U	0.62	U	0.62	U	0.62	U	2.5	U	0.62	U
Vinyl acetate	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	6.5	U	1.6	U
Vinyl chloride	0.99	U	0.99	U	0.99	U	0.99	U	0.99	U	4.0	U	0.99	U
Xylenes, Total	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	9.1	U	2.3	U

Table 2
Home Depot - Rego Park, NY
Groundwater Analytical Results
Historic Tetrachloroethene (PCE) Concentrations

	Wells screened across the groundwater surface (about 50 feet below grade)						
Sample ID	**P-1**	**P-2**	**P-3**	**P-4**	**P-5**	**P-7**	**P-8**
Tetrachloroethene (in ug/L)							
Jan-01	**24000**	**760**	**2200**	**170**	3	**41**	**19**
Mar-01	**18000**	**660**	**390**	**460**	3	**51**	**6**
Apr-01	**26000**	**220**	**2000**	**170**	2	**20**	**10**
Aug-01	**17000**	**600**	**26**	**130**	**13**	**19**	**6**
Nov-01	**14000**	**1500**	**70**	**160**	4	**15**	**5**
Mar-02	**23000**	**1000**	**1400**	**220**	1	**13**	4
Jul-02	**22000**	**1600**	**3700**	**1700**	2	**34**	**10**
Nov-02	**7700**	**99**	**1300 D**	**180 D**	2 J	**6**	2 J
Feb-03	**15000 B**	**380 B**	**820 B**	**160 B**	2 JB	**7 B**	3 JB
Sep-03	**20000**	**18**	**1200**	**930**	3	**14**	**6**
Feb-04	**5200**	**100**	**1700**	**1000**	3	**13**	**5**
Feb-06	**5300**	**8.1**	**1200**	**580**	1.6 J	**16**	1.4 J
Jun-06	**6700**	**7.8**	**1300**	**560**	1.2 J	**21**	1.6 J
Sep-06	**5100**	**52**	**1300**	**510**	0.84 J	**10**	**6.1**
Jan-07	**6500**	**9.4**	**1400**	**480 B**	2.3 J	**9.2 B**	**8.4 B**
Apr-07	**3500**	**7.5**	**1200**	**350**	1.5 J	**6.5**	**110**
Jul-07	**2200**	**600**	**1200**	**330**	3.1 J	**5.5**	**220**
Oct-07	**3400**	4.6 J	**690**	**330**	2.9 J	4.1 J	**760**
May-08	**4500**	**5.9**	**660**	**260**	3.7 J	**6.6**	**210**
Sep-08	**5900**	**8.7**	**750**	**760**	**7**	3.4 J	**49**
Dec-08	**4600 H**	**7.9**	**780**	**360 H**	2.2 J H	**9.2**	**77 H**
Jan/Feb-08	**5100**	**12**	**620**	**290**	3.9 J	2.2 J	**240**
Mar/Apr-09	**6400**	**9**	**630**	**510**	2.3 J	**6.2**	**42**
Jun-09	**4500**	**8.9**	**740**	**590**	**5.5**	**6.3**	**NA**
Sep-09	**47000**	**6.9**	**550**	**610**	**5.2**	**7.8**	**NA**
Jan-10	**2600**	**36**	**550**	**400**	**6.8**	3.1 J	**NA**

NOTES
J: Indicates an estimated value.
U: Analyzed for but not detected.
NA: Not Analyzed

Table 2
Home Depot - Rego Park, NY
Groundwater Analytical Results
Historic Tetrachloroethene (PCE) Concentrations

	Wells screened across the groundwater surface (about 50 feet below grade)						
Sample ID	**P-10**	**P-12**	**P-14**	**P-16**	**AMW-2**	**AMW-3**	**AMW-4**
Tetrachloroethene (in ug/L)							
Jan-01	NA	NA	NA	NA	**3100**	**9400**	**5900**
Mar-01	NA	NA	NA	NA	**4300**	**4300**	**5800**
Apr-01	NA	NA	NA	NA	**4700**	**7100**	**5400**
Aug-01	NA	NA	NA	NA	**4000**	**9400**	**3800**
Nov-01	NA	NA	NA	NA	**4300**	**4300**	**600**
Mar-02	NA	NA	NA	NA	**2100**	**12000**	**3500**
Jul-02	NA	NA	NA	NA	**2200**	**6200**	**6600**
Nov-02	NA	NA	NA	NA	**2800 D**	**3600 D**	**3800 D**
Feb-03	NA	NA	NA	NA	**3800**	**4400**	**2800**
Sep-03	NA	NA	NA	NA	**1800**	**3800**	**7900**
Feb-04	NA	NA	NA	NA	**2000**	**6500**	**2600**
Feb-06	NA	NA	NA	NA	**250**	**3600**	**1700**
Jun-06	NA	NA	NA	NA	**160**	**4600**	**6900**
Sep-06	NA	NA	NA	NA	**930**	**2500**	**3700**
Jan-07	NA	NA	NA	NA	**710**	**1100**	**2000 B**
Apr-07	NA	NA	NA	NA	**480**	**3400**	**830**
Jul-07	NA	NA	NA	NA	**770**	**2900**	**1400**
Oct-07	NA	NA	NA	NA	**550**	**2900**	**1600**
May-08	NA	NA	NA	NA	**200**	**3400**	**1900**
Sep-08	NA	NA	NA	NA	**120**	**4000**	**2600**
Dec-08	**2400 H**	**2700 H**	**8**	3 J	**79 H**	**3700 H**	**2800 H**
Jan/Feb-08	NA	NA	NA	NA	**270**	**3500**	**1000**
Mar/Apr-09	**1300**	**6900**	**6.6**	2 J	**210**	**3400**	**3900**
Jun-09	**1900**	**5300**	**7.8**	**6.7**	**NA**	**3700**	**3600**
Sep-09	**2500**	**4300**	**8.4**	**6.6**	**650**	**3700**	**2600**
Jan-10	**6100**	**250**	4.3 J	4.4 J	**80**	**2000**	**680**

Table 2
Home Depot - Rego Park, NY
Groundwater Analytical Results
Historic Tetrachloroethene (PCE) Concentrations

	Wells screened 10 feet below groundwater surface (about 60 feet below grade)		Wells screened 20 feet below groundwater surface (about 70 feet below grade)			Wells screened 30 feet below groundwater surface (about 80 feet below grade)	
Sample ID	**P-9**	**P-11**	**P-8R**	**AMW-5**	**AMW-6**	**P-13**	**P-15**
Tetrachloroethene (in ug/L)							
Jan-01	NA	NA	NA	NA	NA	NA	NA
Mar-01	NA	NA	NA	NA	NA	NA	NA
Apr-01	NA	NA	NA	NA	NA	NA	NA
Aug-01	NA	NA	NA	NA	NA	NA	NA
Nov-01	NA	NA	NA	NA	NA	NA	NA
Mar-02	NA	NA	NA	NA	NA	NA	NA
Jul-02	NA	NA	NA	NA	NA	NA	NA
Nov-02	NA	NA	NA	NA	NA	NA	NA
Feb-03	NA	NA	NA	NA	NA	NA	NA
Sep-03	NA	NA	NA	NA	NA	NA	NA
Feb-04	NA	NA	NA	**2800**	**730**	NA	NA
Feb-06	NA	NA	NA	**340**	**680**	NA	NA
Jun-06	NA	NA	NA	**3000**	**720**	NA	NA
Sep-06	NA	NA	NA	**3000**	**490**	NA	NA
Jan-07	NA	NA	NA	**8700 B**	**NA**	NA	NA
Apr-07	NA	NA	NA	**3000**	**300**	NA	NA
Jul-07	NA	NA	NA	**15000**	**240**	NA	NA
Oct-07	NA	NA	NA	**5500**	**230**	NA	NA
May-08	NA	NA	NA	**5400**	**320**	NA	NA
Sep-08	NA	NA	NA	**3900**	**870**	NA	NA
Dec-08	**660 H**	**160**	NA	**410 H**	**1400 H**	**320 H**	**190**
Jan/Feb-08	NA	NA	NA	**7600**	**250**	NA	NA
Mar/Apr-09	**790**	**110**	NA	**440**	**420**	**68**	**33**
Jun-09	**370**	**180**	NA	**2000**	**1000**	**220**	**150**
Sep-09	**210**	**110**	**170**	**NA**	**1000**	**200**	**230**
Jan-10	**1200**	**150**	**39**	**NA**	**730**	**280**	**120**

Table 2
Home Depot - Rego Park, NY
Groundwater Analytical Results
Historic Tetrachloroethene (PCE) Concentrations

	Wells screened 50 feet below groundwater surface (about 100 feet below grade)			Well screened 70 feet below groundwater	Wells screened just above the clay confining layer (identified about 134 feet to 146' below grade)		
Sample ID	**AMW-1**	**P-17**	**P-19**	**P-21**	**P-18**	**P-20**	**P-22**
Tetrachloroethene (in ug/L)							
Jan-01	NA						
Mar-01	NA	NA	NA	NA	NA	NA	NA
Apr-01	NA	NA	NA	NA	NA	NA	NA
Aug-01	NA	NA	NA	NA	NA	NA	NA
Nov-01	NA	NA	NA	NA	NA	NA	NA
Mar-02	NA	NA	NA	NA	NA	NA	NA
Jul-02	NA	NA	NA	NA	NA	NA	NA
Nov-02	NA	NA	NA	NA	NA	NA	NA
Feb-03	NA	NA	NA	NA	NA	NA	NA
Sep-03	NA	NA	NA	NA	NA	NA	NA
Feb-04	**310**	NA	NA	NA	NA	NA	NA
Feb-06	**240**	NA	NA	NA	NA	NA	NA
Jun-06	**120**	NA	NA	NA	NA	NA	NA
Sep-06	**92**	NA	NA	NA	NA	NA	NA
Jan-07	**85**	NA	NA	NA	NA	NA	NA
Apr-07	**27**	NA	NA	NA	NA	NA	NA
Jul-07	**54**	NA	NA	NA	NA	NA	NA
Oct-07	**52**	NA	NA	NA	NA	NA	NA
May-08	**43**	NA	NA	NA	NA	NA	NA
Sep-08	**49**	NA	NA	NA	NA	NA	NA
Dec-08	**54**	NA	NA	NA	NA	NA	NA
Jan/Feb-08	**52**	NA	NA	NA	NA	NA	NA
Mar/Apr-09	**34**	NA	NA	NA	NA	NA	NA
Jun-09	**44**	NA	NA	NA	NA	NA	NA
Sep-09	**54**	**99**	**350**	**1000**	0.95 J	4.8 J	**100**
Jan-10	**69**	0.81 U	0.81 J	**68**	1.4 J	**400**	**38**

Table 3
Home Depot - Rego Park, NY
Indoor Air Analytical Results
Chlorinated Volatile Organic Compound Concentrations

Compound	DOH Guideline µg/m³	IAS-1	IAS-2	IAS-3	AA
1,1,1-TCA	**NS**	0.13	0.11	0.12	ND
1,1-Dichloroethene	**NS**	ND	ND	ND	ND
1,2-Dichloroethane	**NS**	5.1	8.5	1.1	ND
Carbon tetrachloride	**NS**	0.74	0.66	0.55	0.43
cis-1,2-Dichloroethene	**NS**	ND	ND	ND	ND
Tetrachloroethene	**100**	4.5	1.8	3.9	0.35
Trichloroethene	**5**	0.76	0.34	0.35	ND
Vinyl Chloride	**NS**	ND	ND	ND	ND

APPENDIX A

GROUNDWATER SAMPLING LABORATORY ANALYTICAL RESULTS

APPENDIX B

AIR SAMPLING LABORATORY ANALYTICAL RESULTS

YORK
ANALYTICAL LABORATORIES, INC.

York Analytical Laboratories, Inc.

Final Technical Report

prepared for

AKRF, Inc.
Ms. Kate Brunner

Re: The Home Depot 75-09 Woodhaven Blvd. Rego Park

York Project No. 10B0603

March 24, 2010

Volume 1 of 1

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Table of Contents
York Project/SDG No. 10B0603

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Kate Brunner

Report Date: 03/25/2010
Client Project ID: The Home Depot 75-09 Woodhaven Blvd. Rego Park
York Project (SDG) No.: 10B0603

CT License No. PH-0723 New Jersey License No. CT-005 ACCREDITED IN ACCORDANCE WITH nelac New York License No. 10854 PA Reg. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 03/25/2010
Client Project ID: The Home Depot 75-09 Woodhaven Blvd. Rego Park
York Project (SDG) No.: 10B0603

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Kate Brunner

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 22, 2010 and listed below. The project was identified as your project **The Home Depot 75-09 Woodhaven Blvd. Rego Park**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
10B0603-01	IAS-1	Air	02/19/2010	02/22/2010
10B0603-02	IAS-2	Air	02/19/2010	02/22/2010
10B0603-03	IAS-3	Air	02/19/2010	02/22/2010
10B0603-04	AA	Air	02/19/2010	02/22/2010
10B0603-05	Trip Blank	Air	02/19/2010	02/22/2010
10B0603-06	Effluent	Air	02/19/2010	02/22/2010
10B0603-07	Canister Certification Y52	Air	02/16/2010	02/22/2010
10B0603-08	Canister Certification Y54	Air	02/16/2010	02/22/2010
10B0603-09	Canister Certification S26	Air	02/16/2010	02/22/2010
10B0603-10	Canister Certification Y43	Air	02/16/2010	02/22/2010
10B0603-11	Canister Certification Y55	Air	02/16/2010	02/22/2010
10B0603-12	Canister Certification Y42	Air	02/16/2010	02/22/2010

Notes for York Project (SDG) No.: 10B0603

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Notes section for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.

Approved By: 

Date: 03/25/2010

Robert Q. Bradley
Managing Director

YORK

Sample ID: **IAS-1** Sampled: 02/19/2010

York ID: **10B0603-01 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	**0.0232**	0.116	0.0	ppbv	**0.13**	0.64	0.068	ug/m³	2.32	J	02/25/2010	TD
1,1-Dichloroethylene	ND	0.116	0.0	ppbv	ND	0.47	0.12	ug/m³	2.32		02/25/2010	TD
1,2-Dichloroethane	**1.24**	0.116	0.1	ppbv	**5.1**	0.48	0.22	ug/m³	2.32		02/25/2010	TD
Carbon tetrachloride	**0.113**	0.116	0.1	ppbv	**0.72**	0.74	0.41	ug/m³	2.32	J	02/25/2010	TD
cis-1,2-Dichloroethylene	ND	0.116	0.0	ppbv	ND	0.47	0.19	ug/m³	2.32		02/25/2010	TD
Tetrachloroethylene	**0.650**	0.116	0.1	ppbv	**4.5**	0.8	0.36	ug/m³	2.32		02/25/2010	TD
Trichloroethylene	**0.135**	0.116	0.1	ppbv	**0.74**	0.63	0.29	ug/m³	2.32		02/25/2010	TD
Vinyl Chloride	ND	0.116	0.0	ppbv	ND	0.3	0.075	ug/m³	2.32		02/25/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*124 %*	*70-130*									*02/25/2010*	TD
1,1,1-Trichloroethane	ND	1.16	0.6	ppbv	ND	6.4	3.3	ug/m³	2.32		02/24/2010	TD
1,1,2,2-Tetrachloroethane	ND	1.16	0.5	ppbv	ND	8.1	3.7	ug/m³	2.32		02/24/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.16	0.6	ppbv	ND	9	4.5	ug/m³	2.32		02/24/2010	TD
1,1,2-Trichloroethane	ND	1.16	0.6	ppbv	ND	6.4	3.6	ug/m³	2.32		02/24/2010	TD
1,1-Dichloroethane	ND	1.16	0.6	ppbv	ND	4.8	2.3	ug/m³	2.32		02/24/2010	TD
1,1-Dichloroethylene	ND	1.16	0.4	ppbv	ND	4.7	1.6	ug/m³	2.32		02/24/2010	TD
1,2,4-Trichlorobenzene	ND	1.16	0.4	ppbv	ND	8.8	2.8	ug/m³	2.32		02/24/2010	TD
1,2-Dichlorobenzene	ND	1.16	0.5	ppbv	ND	7.1	2.8	ug/m³	2.32		02/24/2010	TD
1,2-Dichloroethane	ND	1.16	0.4	ppbv	ND	4.8	1.7	ug/m³	2.32		02/24/2010	TD
1,2-Dichloropropane	ND	1.16	0.9	ppbv	ND	5.5	4	ug/m³	2.32		02/24/2010	TD
1,2-Dichlorotetrafluoroethane	ND	1.16	0.6	ppbv	ND	8.2	4.5	ug/m³	2.32		02/24/2010	TD
1,3-Dichlorobenzene	ND	1.16	0.5	ppbv	ND	7.1	3.3	ug/m³	2.32		02/24/2010	TD
1,4-Dichlorobenzene	ND	1.16	0.8	ppbv	ND	7.1	4.8	ug/m³	2.32		02/24/2010	TD
2-Chloro-1,3-Butadiene	ND	1.16	0.7	ppbv	ND	4.3	2.6	ug/m³	2.32		02/24/2010	TD
3-Chloropropene	ND	1.16	0.3	ppbv	ND	3.7	0.81	ug/m³	2.32		02/24/2010	TD
Benzyl chloride	ND	2.32	1.0	ppbv	ND	12	5.4	ug/m³	2.32		02/24/2010	TD
Bromodichloromethane	ND	1.16	0.4	ppbv	ND	7.3	2.6	ug/m³	2.32		02/24/2010	TD
Carbon disulfide	ND	1.16	0.3	ppbv	ND	3.7	0.81	ug/m³	2.32		02/24/2010	TD
Carbon tetrachloride	ND	1.16	0.4	ppbv	ND	7.4	2.8	ug/m³	2.32		02/24/2010	TD
Chlorobenzene	ND	1.16	0.8	ppbv	ND	5.4	3.6	ug/m³	2.32		02/24/2010	TD
Chloroethane	ND	1.16	1.1	ppbv	ND	3.1	2.9	ug/m³	2.32		02/24/2010	TD
Chloroform	ND	1.16	0.5	ppbv	ND	5.8	2.4	ug/m³	2.32		02/24/2010	TD
Chloromethane	ND	1.16	0.7	ppbv	ND	2.4	1.4	ug/m³	2.32		02/24/2010	TD
cis-1,2-Dichloroethylene	ND	1.16	0.6	ppbv	ND	4.7	2.3	ug/m³	2.32		02/24/2010	TD
cis-1,3-Dichloropropylene	ND	1.16	0.6	ppbv	ND	5.4	2.8	ug/m³	2.32		02/24/2010	TD
Hexachlorobutadiene	ND	1.16	0.6	ppbv	ND	13	7	ug/m³	2.32		02/24/2010	TD
Methylene chloride	**11.3**	1.16	0.7	ppbv	**40**	4.1	2.5	ug/m³	2.32		02/24/2010	TD
Tetrachloroethylene	ND	1.16	0.5	ppbv	ND	8	3.4	ug/m³	2.32		02/24/2010	TD
trans-1,2-Dichloroethylene	ND	1.16	0.7	ppbv	ND	4.7	3	ug/m³	2.32		02/24/2010	TD
trans-1,3-Dichloropropylene	ND	1.16	0.3	ppbv	ND	5.4	1.6	ug/m³	2.32		02/24/2010	TD
Trichloroethylene	ND	1.16	0.6	ppbv	ND	6.3	3	ug/m³	2.32		02/24/2010	TD
Trichlorofluoromethane (Freon 11)	ND	1.16	0.6	ppbv	ND	6.6	3.3	ug/m³	2.32		02/24/2010	TD
Vinyl Chloride	ND	1.16	0.8	ppbv	ND	3	2	ug/m³	2.32		02/24/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*108 %*	*70-130*									*02/24/2010*	TD

Sample ID: **IAS-2** Sampled: 02/19/2010

York ID: **10B0603-02 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.102	0.0	ppbv	ND	0.57	0.06	ug/m³	2.05		02/25/2010	TD
1,1-Dichloroethylene	ND	0.102	0.0	ppbv	ND	0.41	0.1	ug/m³	2.05		02/25/2010	TD
1,2-Dichloroethane	**2.08**	0.102	0.0	ppbv	**8.6**	0.42	0.2	ug/m³	2.05		02/25/2010	TD
Carbon tetrachloride	**0.102**	0.102	0.1	ppbv	**0.66**	0.66	0.37	ug/m³	2.05		02/25/2010	TD
cis-1,2-Dichloroethylene	ND	0.102	0.0	ppbv	ND	0.41	0.17	ug/m³	2.05		02/25/2010	TD
Tetrachloroethylene	**0.266**	0.102	0.0	ppbv	**1.8**	0.71	0.31	ug/m³	2.05		02/25/2010	TD
Trichloroethylene	**0.0615**	0.102	0.0	ppbv	**0.34**	0.56	0.25	ug/m³	2.05	J	02/25/2010	TD
Vinyl Chloride	ND	0.102	0.0	ppbv	ND	0.27	0.066	ug/m³	2.05		02/25/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*126 %*	*70-130*									*02/25/2010*	TD
1,1,1-Trichloroethane	ND	1.02	0.5	ppbv	ND	5.7	3	ug/m³	2.05		02/24/2010	TD
1,1,2,2-Tetrachloroethane	ND	1.02	0.5	ppbv	ND	7.2	3.3	ug/m³	2.05		02/24/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.02	0.5	ppbv	ND	8	4	ug/m³	2.05		02/24/2010	TD
1,1,2-Trichloroethane	ND	1.02	0.6	ppbv	ND	5.7	3.2	ug/m³	2.05		02/24/2010	TD
1,1-Dichloroethane	ND	1.02	0.5	ppbv	ND	4.2	2	ug/m³	2.05		02/24/2010	TD
1,1-Dichloroethylene	ND	1.02	0.3	ppbv	ND	4.1	1.4	ug/m³	2.05		02/24/2010	TD
1,2,4-Trichlorobenzene	ND	1.02	0.3	ppbv	ND	7.7	2.5	ug/m³	2.05		02/24/2010	TD
1,2-Dichlorobenzene	ND	1.02	0.4	ppbv	ND	6.3	2.5	ug/m³	2.05		02/24/2010	TD
1,2-Dichloroethane	**1.91**	1.02	0.4	ppbv	**7.8**	4.2	1.5	ug/m³	2.05		02/24/2010	TD
1,2-Dichloropropane	ND	1.02	0.8	ppbv	ND	4.8	3.6	ug/m³	2.05		02/24/2010	TD
1,2-Dichlorotetrafluoroethane	ND	1.02	0.6	ppbv	ND	7.3	3.9	ug/m³	2.05		02/24/2010	TD
1,3-Dichlorobenzene	**2.66**	1.02	0.5	ppbv	**16**	6.3	2.9	ug/m³	2.05		02/24/2010	TD
1,4-Dichlorobenzene	ND	1.02	0.7	ppbv	ND	6.3	4.3	ug/m³	2.05		02/24/2010	TD
2-Chloro-1,3-Butadiene	ND	1.02	0.6	ppbv	ND	3.8	2.3	ug/m³	2.05		02/24/2010	TD
3-Chloropropene	ND	1.02	0.2	ppbv	ND	3.3	0.72	ug/m³	2.05		02/24/2010	TD
Benzyl chloride	ND	2.05	0.9	ppbv	ND	11	4.7	ug/m³	2.05		02/24/2010	TD
Bromodichloromethane	ND	1.02	0.4	ppbv	ND	6.5	2.3	ug/m³	2.05		02/24/2010	TD
Carbon disulfide	ND	1.02	0.2	ppbv	ND	3.2	0.71	ug/m³	2.05		02/24/2010	TD
Carbon tetrachloride	ND	1.02	0.4	ppbv	ND	6.6	2.5	ug/m³	2.05		02/24/2010	TD
Chlorobenzene	ND	1.02	0.7	ppbv	ND	4.8	3.2	ug/m³	2.05		02/24/2010	TD
Chloroethane	ND	1.02	0.9	ppbv	ND	2.8	2.5	ug/m³	2.05		02/24/2010	TD
Chloroform	ND	1.02	0.4	ppbv	ND	5.1	2.1	ug/m³	2.05		02/24/2010	TD
Chloromethane	ND	1.02	0.6	ppbv	ND	2.2	1.2	ug/m³	2.05		02/24/2010	TD
cis-1,2-Dichloroethylene	ND	1.02	0.5	ppbv	ND	4.1	2.1	ug/m³	2.05		02/24/2010	TD
cis-1,3-Dichloropropylene	ND	1.02	0.5	ppbv	ND	4.7	2.5	ug/m³	2.05		02/24/2010	TD
Hexachlorobutadiene	ND	1.02	0.6	ppbv	ND	11	6.2	ug/m³	2.05		02/24/2010	TD
Methylene chloride	**1.99**	1.02	0.6	ppbv	**7**	3.6	2.2	ug/m³	2.05		02/24/2010	TD
Tetrachloroethylene	ND	1.02	0.4	ppbv	ND	7.1	3	ug/m³	2.05		02/24/2010	TD
trans-1,2-Dichloroethylene	ND	1.02	0.7	ppbv	ND	4.1	2.6	ug/m³	2.05		02/24/2010	TD
trans-1,3-Dichloropropylene	ND	1.02	0.3	ppbv	ND	4.7	1.4	ug/m³	2.05		02/24/2010	TD
Trichloroethylene	ND	1.02	0.5	ppbv	ND	5.6	2.7	ug/m³	2.05		02/24/2010	TD
Trichlorofluoromethane (Freon 11)	ND	1.02	0.5	ppbv	ND	5.9	2.9	ug/m³	2.05		02/24/2010	TD
Vinyl Chloride	ND	1.02	0.7	ppbv	ND	2.7	1.8	ug/m³	2.05		02/24/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*127 %*	*70-130*									*02/24/2010*	TD

Sample ID: **IAS-3** Sampled: 02/19/2010

York ID: **10B0603-03 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	**0.0120**	0.108	0.0	ppbv	**0.067**	0.6	0.063	ug/m³	2.15	J	02/25/2010	TD
1,1-Dichloroethylene	ND	0.108	0.0	ppbv	ND	0.43	0.11	ug/m³	2.15		02/25/2010	TD
1,2-Dichloroethane	**0.267**	0.108	0.1	ppbv	**1.1**	0.44	0.21	ug/m³	2.15		02/25/2010	TD
Carbon tetrachloride	**0.0955**	0.108	0.1	ppbv	**0.61**	0.69	0.38	ug/m³	2.15	J	02/25/2010	TD
cis-1,2-Dichloroethylene	ND	0.108	0.0	ppbv	ND	0.43	0.18	ug/m³	2.15		02/25/2010	TD
Tetrachloroethylene	**0.551**	0.108	0.0	ppbv	**3.8**	0.74	0.33	ug/m³	2.15		02/25/2010	TD
Trichloroethylene	**0.0542**	0.108	0.0	ppbv	**0.3**	0.59	0.27	ug/m³	2.15	J	02/25/2010	TD
Vinyl Chloride	ND	0.108	0.0	ppbv	ND	0.28	0.069	ug/m³	2.15		02/25/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*128 %*	*70-130*									*02/25/2010*	TD
1,1,1-Trichloroethane	ND	1.08	0.6	ppbv	ND	6	3.1	ug/m³	2.15		02/24/2010	TD
1,1,2,2-Tetrachloroethane	ND	1.08	0.5	ppbv	ND	7.5	3.5	ug/m³	2.15		02/24/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.08	0.5	ppbv	ND	8.4	4.2	ug/m³	2.15		02/24/2010	TD
1,1,2-Trichloroethane	ND	1.08	0.6	ppbv	ND	6	3.3	ug/m³	2.15		02/24/2010	TD
1,1-Dichloroethane	ND	1.08	0.5	ppbv	ND	4.4	2.1	ug/m³	2.15		02/24/2010	TD
1,1-Dichloroethylene	ND	1.08	0.4	ppbv	ND	4.3	1.5	ug/m³	2.15		02/24/2010	TD
1,2,4-Trichlorobenzene	ND	1.08	0.3	ppbv	ND	8.1	2.6	ug/m³	2.15		02/24/2010	TD
1,2-Dichlorobenzene	ND	1.08	0.4	ppbv	ND	6.6	2.6	ug/m³	2.15		02/24/2010	TD
1,2-Dichloroethane	ND	1.08	0.4	ppbv	ND	4.4	1.6	ug/m³	2.15		02/24/2010	TD
1,2-Dichloropropane	ND	1.08	0.8	ppbv	ND	5.1	3.7	ug/m³	2.15		02/24/2010	TD
1,2-Dichlorotetrafluoroethane	ND	1.08	0.6	ppbv	ND	7.6	4.1	ug/m³	2.15		02/24/2010	TD
1,3-Dichlorobenzene	**2.80**	1.08	0.5	ppbv	**17**	6.6	3	ug/m³	2.15		02/24/2010	TD
1,4-Dichlorobenzene	ND	1.08	0.7	ppbv	ND	6.6	4.5	ug/m³	2.15		02/24/2010	TD
2-Chloro-1,3-Butadiene	ND	1.08	0.7	ppbv	ND	4	2.5	ug/m³	2.15		02/24/2010	TD
3-Chloropropene	ND	1.08	0.2	ppbv	ND	3.4	0.75	ug/m³	2.15		02/24/2010	TD
Benzyl chloride	ND	2.15	0.9	ppbv	ND	11	5	ug/m³	2.15		02/24/2010	TD
Bromodichloromethane	ND	1.08	0.4	ppbv	ND	6.8	2.4	ug/m³	2.15		02/24/2010	TD
Carbon disulfide	ND	1.08	0.2	ppbv	ND	3.4	0.75	ug/m³	2.15		02/24/2010	TD
Carbon tetrachloride	ND	1.08	0.4	ppbv	ND	6.9	2.6	ug/m³	2.15		02/24/2010	TD
Chlorobenzene	ND	1.08	0.7	ppbv	ND	5	3.3	ug/m³	2.15		02/24/2010	TD
Chloroethane	ND	1.08	1.0	ppbv	ND	2.9	2.7	ug/m³	2.15		02/24/2010	TD
Chloroform	ND	1.08	0.5	ppbv	ND	5.3	2.2	ug/m³	2.15		02/24/2010	TD
Chloromethane	ND	1.08	0.6	ppbv	ND	2.3	1.3	ug/m³	2.15		02/24/2010	TD
cis-1,2-Dichloroethylene	ND	1.08	0.5	ppbv	ND	4.3	2.2	ug/m³	2.15		02/24/2010	TD
cis-1,3-Dichloropropylene	ND	1.08	0.6	ppbv	ND	5	2.6	ug/m³	2.15		02/24/2010	TD
Hexachlorobutadiene	ND	1.08	0.6	ppbv	ND	12	6.5	ug/m³	2.15		02/24/2010	TD
Methylene chloride	**1.36**	1.08	0.7	ppbv	**4.8**	3.8	2.4	ug/m³	2.15		02/24/2010	TD
Tetrachloroethylene	**0.473**	1.08	0.5	ppbv	**3.3**	7.4	3.1	ug/m³	2.15	J	02/24/2010	TD
trans-1,2-Dichloroethylene	ND	1.08	0.7	ppbv	ND	4.3	2.8	ug/m³	2.15		02/24/2010	TD
trans-1,3-Dichloropropylene	ND	1.08	0.3	ppbv	ND	5	1.5	ug/m³	2.15		02/24/2010	TD
Trichloroethylene	ND	1.08	0.5	ppbv	ND	5.9	2.8	ug/m³	2.15		02/24/2010	TD
Trichlorofluoromethane (Freon 11)	ND	1.08	0.5	ppbv	ND	6.1	3.1	ug/m³	2.15		02/24/2010	TD
Vinyl Chloride	ND	1.08	0.7	ppbv	ND	2.8	1.8	ug/m³	2.15		02/24/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*126 %*	*70-130*									*02/24/2010*	TD

Sample ID: **AA** Sampled: 02/19/2010

York ID: **10B0603-04 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.0835	0.0	ppbv	ND	0.46	0.049	ug/m³	1.67		02/25/2010	TD
1,1-Dichloroethylene	ND	0.0835	0.0	ppbv	ND	0.34	0.085	ug/m³	1.67		02/25/2010	TD
1,2-Dichloroethane	ND	0.0835	0.0	ppbv	ND	0.34	0.16	ug/m³	1.67		02/25/2010	TD
Carbon tetrachloride	**0.0668**	0.0835	0.0	ppbv	**0.43**	0.53	0.3	ug/m³	1.67	J	02/25/2010	TD
cis-1,2-Dichloroethylene	ND	0.0835	0.0	ppbv	ND	0.34	0.14	ug/m³	1.67		02/25/2010	TD
Tetrachloroethylene	**0.0501**	0.0835	0.0	ppbv	**0.35**	0.58	0.26	ug/m³	1.67	J	02/25/2010	TD
Trichloroethylene	ND	0.0835	0.0	ppbv	ND	0.46	0.21	ug/m³	1.67		02/25/2010	TD
Vinyl Chloride	ND	0.0835	0.0	ppbv	ND	0.22	0.054	ug/m³	1.67		02/25/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*126 %*	*70-130*									*02/25/2010*	TD
1,1,1-Trichloroethane	ND	0.835	0.4	ppbv	ND	4.6	2.4	ug/m³	1.67		02/24/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.835	0.4	ppbv	ND	5.8	2.7	ug/m³	1.67		02/24/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.835	0.4	ppbv	ND	6.5	3.3	ug/m³	1.67		02/24/2010	TD
1,1,2-Trichloroethane	ND	0.835	0.5	ppbv	ND	4.6	2.6	ug/m³	1.67		02/24/2010	TD
1,1-Dichloroethane	ND	0.835	0.4	ppbv	ND	3.4	1.6	ug/m³	1.67		02/24/2010	TD
1,1-Dichloroethylene	ND	0.835	0.3	ppbv	ND	3.4	1.1	ug/m³	1.67		02/24/2010	TD
1,2,4-Trichlorobenzene	ND	0.835	0.3	ppbv	ND	6.3	2	ug/m³	1.67		02/24/2010	TD
1,2-Dichlorobenzene	ND	0.835	0.3	ppbv	ND	5.1	2	ug/m³	1.67		02/24/2010	TD
1,2-Dichloroethane	ND	0.835	0.3	ppbv	ND	3.4	1.2	ug/m³	1.67		02/24/2010	TD
1,2-Dichloropropane	ND	0.835	0.6	ppbv	ND	3.9	2.9	ug/m³	1.67		02/24/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.835	0.5	ppbv	ND	5.9	3.2	ug/m³	1.67		02/24/2010	TD
1,3-Dichlorobenzene	**1.07**	0.835	0.4	ppbv	**6.5**	5.1	2.3	ug/m³	1.67		02/24/2010	TD
1,4-Dichlorobenzene	ND	0.835	0.6	ppbv	ND	5.1	3.5	ug/m³	1.67		02/24/2010	TD
2-Chloro-1,3-Butadiene	ND	0.835	0.5	ppbv	ND	3.1	1.9	ug/m³	1.67		02/24/2010	TD
3-Chloropropene	ND	0.835	0.2	ppbv	ND	2.7	0.58	ug/m³	1.67		02/24/2010	TD
Benzyl chloride	ND	1.67	0.7	ppbv	ND	8.8	3.9	ug/m³	1.67		02/24/2010	TD
Bromodichloromethane	ND	0.835	0.3	ppbv	ND	5.3	1.9	ug/m³	1.67		02/24/2010	TD
Carbon disulfide	ND	0.835	0.2	ppbv	ND	2.6	0.58	ug/m³	1.67		02/24/2010	TD
Carbon tetrachloride	ND	0.835	0.3	ppbv	ND	5.3	2	ug/m³	1.67		02/24/2010	TD
Chlorobenzene	ND	0.835	0.6	ppbv	ND	3.9	2.6	ug/m³	1.67		02/24/2010	TD
Chloroethane	ND	0.835	0.8	ppbv	ND	2.2	2.1	ug/m³	1.67		02/24/2010	TD
Chloroform	ND	0.835	0.4	ppbv	ND	4.1	1.7	ug/m³	1.67		02/24/2010	TD
Chloromethane	ND	0.835	0.5	ppbv	ND	1.8	1	ug/m³	1.67		02/24/2010	TD
cis-1,2-Dichloroethylene	ND	0.835	0.4	ppbv	ND	3.4	1.7	ug/m³	1.67		02/24/2010	TD
cis-1,3-Dichloropropylene	ND	0.835	0.4	ppbv	ND	3.9	2	ug/m³	1.67		02/24/2010	TD
Hexachlorobutadiene	ND	0.835	0.5	ppbv	ND	9.1	5.1	ug/m³	1.67		02/24/2010	TD
Methylene chloride	ND	0.835	0.5	ppbv	ND	2.9	1.8	ug/m³	1.67		02/24/2010	TD
Tetrachloroethylene	ND	0.835	0.4	ppbv	ND	5.8	2.4	ug/m³	1.67		02/24/2010	TD
trans-1,2-Dichloroethylene	ND	0.835	0.5	ppbv	ND	3.4	2.2	ug/m³	1.67		02/24/2010	TD
trans-1,3-Dichloropropylene	ND	0.835	0.3	ppbv	ND	3.9	1.2	ug/m³	1.67		02/24/2010	TD
Trichloroethylene	ND	0.835	0.4	ppbv	ND	4.6	2.2	ug/m³	1.67		02/24/2010	TD
Trichlorofluoromethane (Freon 11)	ND	0.835	0.4	ppbv	ND	4.8	2.4	ug/m³	1.67		02/24/2010	TD
Vinyl Chloride	ND	0.835	0.6	ppbv	ND	2.2	1.4	ug/m³	1.67		02/24/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*117 %*	*70-130*									*02/24/2010*	TD

Sample ID: **Trip Blank** Sampled: 02/19/2010

York ID: **10B0603-05 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	**0.0200**	0.0500	0.0	ppbv	**0.11**	0.28	0.029	ug/m³	1	J	02/25/2010	TD
1,1-Dichloroethylene	ND	0.0500	0.0	ppbv	ND	0.2	0.051	ug/m³	1		02/25/2010	TD
1,2-Dichloroethane	**0.0600**	0.0500	0.0	ppbv	**0.25**	0.21	0.096	ug/m³	1		02/25/2010	TD
Carbon tetrachloride	ND	0.0500	0.0	ppbv	ND	0.32	0.18	ug/m³	1		02/25/2010	TD
cis-1,2-Dichloroethylene	**0.0300**	0.0500	0.0	ppbv	**0.12**	0.2	0.083	ug/m³	1	J	02/25/2010	TD
Tetrachloroethylene	**0.0300**	0.0500	0.0	ppbv	**0.21**	0.34	0.15	ug/m³	1	J	02/25/2010	TD
Trichloroethylene	**0.0400**	0.0500	0.0	ppbv	**0.22**	0.27	0.12	ug/m³	1	J	02/25/2010	TD
Vinyl Chloride	ND	0.0500	0.0	ppbv	ND	0.13	0.032	ug/m³	1		02/25/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*89.0 %*	*70-130*									*02/25/2010*	TD
1,1,1-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.4	ug/m³	1		02/24/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.500	0.2	ppbv	ND	3.5	1.6	ug/m³	1		02/24/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	0.3	ppbv	ND	3.9	1.9	ug/m³	1		02/24/2010	TD
1,1,2-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.6	ug/m³	1		02/24/2010	TD
1,1-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.99	ug/m³	1		02/24/2010	TD
1,1-Dichloroethylene	ND	0.500	0.2	ppbv	ND	2	0.69	ug/m³	1		02/24/2010	TD
1,2,4-Trichlorobenzene	ND	0.500	0.2	ppbv	ND	3.8	1.2	ug/m³	1		02/24/2010	TD
1,2-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.2	ug/m³	1		02/24/2010	TD
1,2-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.74	ug/m³	1		02/24/2010	TD
1,2-Dichloropropane	ND	0.500	0.4	ppbv	ND	2.4	1.7	ug/m³	1		02/24/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.500	0.3	ppbv	ND	3.6	1.9	ug/m³	1		02/24/2010	TD
1,3-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.4	ug/m³	1		02/24/2010	TD
1,4-Dichlorobenzene	ND	0.500	0.3	ppbv	ND	3.1	2.1	ug/m³	1		02/24/2010	TD
2-Chloro-1,3-Butadiene	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/24/2010	TD
3-Chloropropene	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/24/2010	TD
Benzyl chloride	ND	1.00	0.4	ppbv	ND	5.3	2.3	ug/m³	1		02/24/2010	TD
Bromodichloromethane	ND	0.500	0.2	ppbv	ND	3.2	1.1	ug/m³	1		02/24/2010	TD
Carbon disulfide	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/24/2010	TD
Carbon tetrachloride	ND	0.500	0.2	ppbv	ND	3.2	1.2	ug/m³	1		02/24/2010	TD
Chlorobenzene	ND	0.500	0.3	ppbv	ND	2.3	1.5	ug/m³	1		02/24/2010	TD
Chloroethane	ND	0.500	0.5	ppbv	ND	1.3	1.2	ug/m³	1		02/24/2010	TD
Chloroform	ND	0.500	0.2	ppbv	ND	2.5	1	ug/m³	1		02/24/2010	TD
Chloromethane	ND	0.500	0.3	ppbv	ND	1.1	0.61	ug/m³	1		02/24/2010	TD
cis-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1	ug/m³	1		02/24/2010	TD
cis-1,3-Dichloropropylene	ND	0.500	0.3	ppbv	ND	2.3	1.2	ug/m³	1		02/24/2010	TD
Hexachlorobutadiene	ND	0.500	0.3	ppbv	ND	5.4	3	ug/m³	1		02/24/2010	TD
Methylene chloride	**0.500**	0.500	0.3	ppbv	**1.8**	1.8	1.1	ug/m³	1		02/24/2010	TD
Tetrachloroethylene	ND	0.500	0.2	ppbv	ND	3.4	1.4	ug/m³	1		02/24/2010	TD
trans-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1.3	ug/m³	1		02/24/2010	TD
trans-1,3-Dichloropropylene	ND	0.500	0.2	ppbv	ND	2.3	0.69	ug/m³	1		02/24/2010	TD
Trichloroethylene	ND	0.500	0.2	ppbv	ND	2.7	1.3	ug/m³	1		02/24/2010	TD
Trichlorofluoromethane (Freon 11)	ND	0.500	0.3	ppbv	ND	2.9	1.4	ug/m³	1		02/24/2010	TD
Vinyl Chloride	ND	0.500	0.3	ppbv	ND	1.3	0.86	ug/m³	1		02/24/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*110 %*	*70-130*									*02/24/2010*	TD

Sample ID: **Effluent** Sampled: 02/19/2010

York ID: **10B0603-06 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.82	0.4	ppbv	ND	4.6	2.4	ug/m³	1.64		02/24/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.82	0.4	ppbv	ND	5.7	2.6	ug/m³	1.64		02/24/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.82	0.4	ppbv	ND	6.4	3.2	ug/m³	1.64		02/24/2010	TD
1,1,2-Trichloroethane	ND	0.82	0.5	ppbv	ND	4.6	2.5	ug/m³	1.64		02/24/2010	TD
1,1-Dichloroethane	ND	0.82	0.4	ppbv	ND	3.4	1.6	ug/m³	1.64		02/24/2010	TD
1,1-Dichloroethylene	ND	0.82	0.3	ppbv	ND	3.3	1.1	ug/m³	1.64		02/24/2010	TD
1,2,4-Trichlorobenzene	ND	0.82	0.3	ppbv	ND	6.2	2	ug/m³	1.64		02/24/2010	TD
1,2,4-Trimethylbenzene	ND	0.82	0.5	ppbv	ND	4.1	2.3	ug/m³	1.64		02/24/2010	TD
1,2-Dichlorobenzene	ND	0.82	0.3	ppbv	ND	5	2	ug/m³	1.64		02/24/2010	TD
1,2-Dichloroethane	ND	0.82	0.3	ppbv	ND	3.4	1.2	ug/m³	1.64		02/24/2010	TD
1,2-Dichloropropane	ND	0.82	0.6	ppbv	ND	3.9	2.9	ug/m³	1.64		02/24/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.82	0.4	ppbv	ND	5.8	3.1	ug/m³	1.64		02/24/2010	TD
1,3,5-Trimethylbenzene	ND	0.82	0.4	ppbv	ND	4.1	1.9	ug/m³	1.64		02/24/2010	TD
1,3-Butadiene	ND	0.82	0.7	ppbv	ND	3.6	3	ug/m³	1.64		02/24/2010	TD
1,3-Dichlorobenzene	ND	0.82	0.4	ppbv	ND	5	2.3	ug/m³	1.64		02/24/2010	TD
1,4-Dichlorobenzene	ND	0.82	0.6	ppbv	ND	5	3.4	ug/m³	1.64		02/24/2010	TD
1,4-Dioxane	ND	3.3	1.5	ppbv	ND	12	5.5	ug/m³	1.64		02/24/2010	TD
2,2,4-Trimethylpentane	ND	0.82	0.3	ppbv	ND	3.9	1.6	ug/m³	1.64		02/24/2010	TD
2-Butanone	ND	0.82	0.4	ppbv	ND	2.5	1.2	ug/m³	1.64		02/24/2010	TD
2-Chloro-1,3-Butadiene	ND	0.82	0.5	ppbv	ND	3	1.9	ug/m³	1.64		02/24/2010	TD
2-Hexanone	ND	1.6	0.8	ppbv	ND	6.8	3.5	ug/m³	1.64		02/24/2010	TD
3-Chloropropene	ND	0.82	0.2	ppbv	ND	2.6	0.57	ug/m³	1.64		02/24/2010	TD
Acetone	**7.2**	0.82	0.3	ppbv	**17**	2	0.83	ug/m³	1.64		02/24/2010	TD
Benzene	ND	0.82	0.6	ppbv	ND	2.7	2	ug/m³	1.64		02/24/2010	TD
Benzyl chloride	ND	1.6	0.7	ppbv	ND	8.6	3.8	ug/m³	1.64		02/24/2010	TD
Bromodichloromethane	ND	0.82	0.3	ppbv	ND	5.2	1.9	ug/m³	1.64		02/24/2010	TD
Bromoform	ND	0.82	0.4	ppbv	ND	8.6	3.8	ug/m³	1.64		02/24/2010	TD
Bromomethane	ND	0.82	0.4	ppbv	ND	3.2	1.6	ug/m³	1.64		02/24/2010	TD
Carbon disulfide	ND	0.82	0.2	ppbv	ND	2.6	0.57	ug/m³	1.64		02/24/2010	TD
Carbon tetrachloride	ND	0.82	0.3	ppbv	ND	5.2	2	ug/m³	1.64		02/24/2010	TD
Chlorobenzene	ND	0.82	0.5	ppbv	ND	3.8	2.5	ug/m³	1.64		02/24/2010	TD
Chloroethane	ND	0.82	0.8	ppbv	ND	2.2	2	ug/m³	1.64		02/24/2010	TD
Chloroform	ND	0.82	0.3	ppbv	ND	4.1	1.7	ug/m³	1.64		02/24/2010	TD
Chloromethane	ND	0.82	0.5	ppbv	ND	1.7	1	ug/m³	1.64		02/24/2010	TD
cis-1,2-Dichloroethylene	ND	0.82	0.4	ppbv	ND	3.3	1.7	ug/m³	1.64		02/24/2010	TD
cis-1,3-Dichloropropylene	ND	0.82	0.4	ppbv	ND	3.8	2	ug/m³	1.64		02/24/2010	TD
Cyclohexane	ND	0.82	0.3	ppbv	ND	2.9	1	ug/m³	1.64		02/24/2010	TD
Ethyl acetate	ND	0.82	0.4	ppbv	ND	3	1.3	ug/m³	1.64		02/24/2010	TD
Ethyl Benzene	ND	0.82	0.5	ppbv	ND	3.6	2.2	ug/m³	1.64		02/24/2010	TD
Hexachlorobutadiene	ND	0.82	0.5	ppbv	ND	8.9	5	ug/m³	1.64		02/24/2010	TD
Isopropanol	ND	1.6	0.8	ppbv	ND	4.1	1.9	ug/m³	1.64		02/24/2010	TD
Methyl isobutyl ketone	ND	1.6	0.8	ppbv	ND	6.8	3.4	ug/m³	1.64		02/24/2010	TD
Methyl tert-butyl ether (MTBE)	ND	0.82	0.4	ppbv	ND	3	1.5	ug/m³	1.64		02/24/2010	TD
Methylene chloride	ND	0.82	0.5	ppbv	ND	2.9	1.8	ug/m³	1.64		02/24/2010	TD
n-Heptane	ND	0.82	0.3	ppbv	ND	3.4	1.4	ug/m³	1.64		02/24/2010	TD
n-Hexane	ND	0.82	0.5	ppbv	ND	2.9	1.9	ug/m³	1.64		02/24/2010	TD
o-Xylene	ND	0.82	0.6	ppbv	ND	3.6	2.5	ug/m³	1.64		02/24/2010	TD

Sample ID: **Effluent** Sampled: 02/19/2010

York ID: **10B0603-06 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
p- & m- Xylenes	ND	1.6	1.3	ppbv	ND	7.2	5.7	ug/m³	1.64		02/24/2010	TD
p-Ethyltoluene	ND	0.82	0.1	ppbv	ND	4.1	0.74	ug/m³	1.64		02/24/2010	TD
Propylene	ND	1.6	1.0	ppbv	ND	2.9	1.8	ug/m³	1.64		02/24/2010	TD
Styrene	ND	0.82	0.5	ppbv	ND	3.6	2.1	ug/m³	1.64		02/24/2010	TD
Tetrachloroethylene	ND	0.82	0.3	ppbv	ND	5.7	2.4	ug/m³	1.64		02/24/2010	TD
Tetrahydrofuran	ND	1.6	0.7	ppbv	ND	4.9	2	ug/m³	1.64		02/24/2010	TD
Toluene	ND	0.82	0.4	ppbv	2.1	3.1	1.7	ug/m³	1.64		02/24/2010	TD
trans-1,2-Dichloroethylene	ND	0.82	0.5	ppbv	ND	3.3	2.1	ug/m³	1.64		02/24/2010	TD
trans-1,3-Dichloropropylene	ND	0.82	0.2	ppbv	ND	3.8	1.1	ug/m³	1.64		02/24/2010	TD
Trichloroethylene	ND	0.82	0.4	ppbv	ND	4.5	2.2	ug/m³	1.64		02/24/2010	TD
Trichlorofluoromethane (Freon 11)	ND	0.82	0.4	ppbv	ND	4.7	2.3	ug/m³	1.64		02/24/2010	TD
Vinyl acetate	ND	0.82	0.2	ppbv	ND	2.9	0.76	ug/m³	1.64		02/24/2010	TD
Vinyl bromide	ND	0.82	0.4	ppbv	ND	3.6	1.6	ug/m³	1.64		02/24/2010	TD
Vinyl Chloride	ND	0.82	0.5	ppbv	ND	2.1	1.4	ug/m³	1.64	QM-07	02/24/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*119 %*	*70-130*									*02/24/2010*	TD

Sample ID: **Canister Certification Y52** Sampled: 02/16/2010

York ID: **10B0603-07 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.4	ug/m³	1		02/17/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.500	0.2	ppbv	ND	3.5	1.6	ug/m³	1		02/17/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	0.3	ppbv	ND	3.9	1.9	ug/m³	1		02/17/2010	TD
1,1,2-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.6	ug/m³	1		02/17/2010	TD
1,1-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.99	ug/m³	1		02/17/2010	TD
1,1-Dichloroethylene	ND	0.500	0.2	ppbv	ND	2	0.69	ug/m³	1		02/17/2010	TD
1,2,4-Trichlorobenzene	ND	0.500	0.2	ppbv	ND	3.8	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.74	ug/m³	1		02/17/2010	TD
1,2-Dichloropropane	ND	0.500	0.4	ppbv	ND	2.4	1.7	ug/m³	1		02/17/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.500	0.3	ppbv	ND	3.6	1.9	ug/m³	1		02/17/2010	TD
1,3-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.4	ug/m³	1		02/17/2010	TD
1,4-Dichlorobenzene	ND	0.500	0.3	ppbv	ND	3.1	2.1	ug/m³	1		02/17/2010	TD
2-Chloro-1,3-Butadiene	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
3-Chloropropene	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Benzyl chloride	ND	1.00	0.4	ppbv	ND	5.3	2.3	ug/m³	1		02/17/2010	TD
Bromodichloromethane	ND	0.500	0.2	ppbv	ND	3.2	1.1	ug/m³	1		02/17/2010	TD
Carbon disulfide	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Carbon tetrachloride	ND	0.500	0.2	ppbv	ND	3.2	1.2	ug/m³	1		02/17/2010	TD
Chlorobenzene	ND	0.500	0.3	ppbv	ND	2.3	1.5	ug/m³	1		02/17/2010	TD
Chloroethane	ND	0.500	0.5	ppbv	ND	1.3	1.2	ug/m³	1		02/17/2010	TD
Chloroform	ND	0.500	0.2	ppbv	ND	2.5	1	ug/m³	1		02/17/2010	TD
Chloromethane	ND	0.500	0.3	ppbv	ND	1.1	0.61	ug/m³	1		02/17/2010	TD

Sample ID: **Canister Certification Y52** Sampled: 02/16/2010

York ID: **10B0603-07 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

	ppbv				ug/m³						
Analyte	Result	RL	MDL	Units	Result	RL	MDL	Units	Dilution	Qualifiers	Analyzed	Analyst
cis-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1	ug/m³	1		02/17/2010	TD
cis-1,3-Dichloropropylene	ND	0.500	0.3	ppbv	ND	2.3	1.2	ug/m³	1		02/17/2010	TD
Hexachlorobutadiene	ND	0.500	0.3	ppbv	ND	5.4	3	ug/m³	1		02/17/2010	TD
Methylene chloride	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
Tetrachloroethylene	ND	0.500	0.2	ppbv	ND	3.4	1.4	ug/m³	1		02/17/2010	TD
trans-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1.3	ug/m³	1		02/17/2010	TD
trans-1,3-Dichloropropylene	ND	0.500	0.2	ppbv	ND	2.3	0.69	ug/m³	1		02/17/2010	TD
Trichloroethylene	ND	0.500	0.2	ppbv	ND	2.7	1.3	ug/m³	1		02/17/2010	TD
Trichlorofluoromethane (Freon 11)	ND	0.500	0.3	ppbv	ND	2.9	1.4	ug/m³	1		02/17/2010	TD
Vinyl Chloride	ND	0.500	0.3	ppbv	ND	1.3	0.86	ug/m³	1		02/17/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*98.3 %*	*70-130*									*02/17/2010*	TD

Sample ID: **Canister Certification Y54** Sampled: 02/16/2010

York ID: **10B0603-08 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

	ppbv				ug/m³						
Analyte	Result	RL	MDL	Units	Result	RL	MDL	Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.4	ug/m³	1		02/17/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.500	0.2	ppbv	ND	3.5	1.6	ug/m³	1		02/17/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	0.3	ppbv	ND	3.9	1.9	ug/m³	1		02/17/2010	TD
1,1,2-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.6	ug/m³	1		02/17/2010	TD
1,1-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.99	ug/m³	1		02/17/2010	TD
1,1-Dichloroethylene	ND	0.500	0.2	ppbv	ND	2	0.69	ug/m³	1		02/17/2010	TD
1,2,4-Trichlorobenzene	ND	0.500	0.2	ppbv	ND	3.8	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.74	ug/m³	1		02/17/2010	TD
1,2-Dichloropropane	ND	0.500	0.4	ppbv	ND	2.4	1.7	ug/m³	1		02/17/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.500	0.3	ppbv	ND	3.6	1.9	ug/m³	1		02/17/2010	TD
1,3-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.4	ug/m³	1		02/17/2010	TD
1,4-Dichlorobenzene	ND	0.500	0.3	ppbv	ND	3.1	2.1	ug/m³	1		02/17/2010	TD
2-Chloro-1,3-Butadiene	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
3-Chloropropene	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Benzyl chloride	ND	1.00	0.4	ppbv	ND	5.3	2.3	ug/m³	1		02/17/2010	TD
Bromodichloromethane	ND	0.500	0.2	ppbv	ND	3.2	1.1	ug/m³	1		02/17/2010	TD
Carbon disulfide	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Carbon tetrachloride	ND	0.500	0.2	ppbv	ND	3.2	1.2	ug/m³	1		02/17/2010	TD
Chlorobenzene	ND	0.500	0.3	ppbv	ND	2.3	1.5	ug/m³	1		02/17/2010	TD
Chloroethane	ND	0.500	0.5	ppbv	ND	1.3	1.2	ug/m³	1		02/17/2010	TD
Chloroform	ND	0.500	0.2	ppbv	ND	2.5	1	ug/m³	1		02/17/2010	TD
Chloromethane	ND	0.500	0.3	ppbv	ND	1.1	0.61	ug/m³	1		02/17/2010	TD
cis-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1	ug/m³	1		02/17/2010	TD
cis-1,3-Dichloropropylene	ND	0.500	0.3	ppbv	ND	2.3	1.2	ug/m³	1		02/17/2010	TD
Hexachlorobutadiene	ND	0.500	0.3	ppbv	ND	5.4	3	ug/m³	1		02/17/2010	TD
Methylene chloride	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD

Sample ID: **Canister Certification Y54** Sampled: 02/16/2010

York ID: **10B0603-08 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
Tetrachloroethylene	ND	0.500	0.2	ppbv	ND	3.4	1.4	ug/m³	1		02/17/2010	TD
trans-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1.3	ug/m³	1		02/17/2010	TD
trans-1,3-Dichloropropylene	ND	0.500	0.2	ppbv	ND	2.3	0.69	ug/m³	1		02/17/2010	TD
Trichloroethylene	ND	0.500	0.2	ppbv	ND	2.7	1.3	ug/m³	1		02/17/2010	TD
Trichlorofluoromethane (Freon 11)	ND	0.500	0.3	ppbv	ND	2.9	1.4	ug/m³	1		02/17/2010	TD
Vinyl Chloride	ND	0.500	0.3	ppbv	ND	1.3	0.86	ug/m³	1		02/17/2010	TD

Surrogate Recovery	*Result*	*Acceptance Range*		
Surrogate: p-Bromofluorobenzene	*108 %*	*70-130*	*02/17/2010*	TD

Sample ID: **Canister Certification S26** Sampled: 02/16/2010

York ID: **10B0603-09 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.4	ug/m³	1		02/17/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.500	0.2	ppbv	ND	3.5	1.6	ug/m³	1		02/17/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	0.3	ppbv	ND	3.9	1.9	ug/m³	1		02/17/2010	TD
1,1,2-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.6	ug/m³	1		02/17/2010	TD
1,1-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.99	ug/m³	1		02/17/2010	TD
1,1-Dichloroethylene	ND	0.500	0.2	ppbv	ND	2	0.69	ug/m³	1		02/17/2010	TD
1,2,4-Trichlorobenzene	ND	0.500	0.2	ppbv	ND	3.8	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.74	ug/m³	1		02/17/2010	TD
1,2-Dichloropropane	ND	0.500	0.4	ppbv	ND	2.4	1.7	ug/m³	1		02/17/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.500	0.3	ppbv	ND	3.6	1.9	ug/m³	1		02/17/2010	TD
1,3-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.4	ug/m³	1		02/17/2010	TD
1,4-Dichlorobenzene	ND	0.500	0.3	ppbv	ND	3.1	2.1	ug/m³	1		02/17/2010	TD
2-Chloro-1,3-Butadiene	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
3-Chloropropene	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Benzyl chloride	ND	1.00	0.4	ppbv	ND	5.3	2.3	ug/m³	1		02/17/2010	TD
Bromodichloromethane	ND	0.500	0.2	ppbv	ND	3.2	1.1	ug/m³	1		02/17/2010	TD
Carbon disulfide	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Carbon tetrachloride	ND	0.500	0.2	ppbv	ND	3.2	1.2	ug/m³	1		02/17/2010	TD
Chlorobenzene	ND	0.500	0.3	ppbv	ND	2.3	1.5	ug/m³	1		02/17/2010	TD
Chloroethane	ND	0.500	0.5	ppbv	ND	1.3	1.2	ug/m³	1		02/17/2010	TD
Chloroform	ND	0.500	0.2	ppbv	ND	2.5	1	ug/m³	1		02/17/2010	TD
Chloromethane	ND	0.500	0.3	ppbv	ND	1.1	0.61	ug/m³	1		02/17/2010	TD
cis-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1	ug/m³	1		02/17/2010	TD
cis-1,3-Dichloropropylene	ND	0.500	0.3	ppbv	ND	2.3	1.2	ug/m³	1		02/17/2010	TD
Hexachlorobutadiene	ND	0.500	0.3	ppbv	ND	5.4	3	ug/m³	1		02/17/2010	TD
Methylene chloride	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
Tetrachloroethylene	ND	0.500	0.2	ppbv	ND	3.4	1.4	ug/m³	1		02/17/2010	TD
trans-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1.3	ug/m³	1		02/17/2010	TD
trans-1,3-Dichloropropylene	ND	0.500	0.2	ppbv	ND	2.3	0.69	ug/m³	1		02/17/2010	TD
Trichloroethylene	ND	0.500	0.2	ppbv	ND	2.7	1.3	ug/m³	1		02/17/2010	TD

Sample ID: **Canister Certification S26** Sampled: 02/16/2010

York ID: **10B0603-09 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
Trichlorofluoromethane (Freon 11)	ND	0.500	0.3	ppbv	ND	2.9	1.4	ug/m³	1		02/17/2010	TD
Vinyl Chloride	ND	0.500	0.3	ppbv	ND	1.3	0.86	ug/m³	1		02/17/2010	TD

Surrogate Recovery	*Result*	*Acceptance Range*		
Surrogate: p-Bromofluorobenzene	*91.1 %*	*70-130*	*02/17/2010*	TD

Sample ID: **Canister Certification Y43** Sampled: 02/16/2010

York ID: **10B0603-10 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.4	ug/m³	1		02/17/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.500	0.2	ppbv	ND	3.5	1.6	ug/m³	1		02/17/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	0.3	ppbv	ND	3.9	1.9	ug/m³	1		02/17/2010	TD
1,1,2-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.6	ug/m³	1		02/17/2010	TD
1,1-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.99	ug/m³	1		02/17/2010	TD
1,1-Dichloroethylene	ND	0.500	0.2	ppbv	ND	2	0.69	ug/m³	1		02/17/2010	TD
1,2,4-Trichlorobenzene	ND	0.500	0.2	ppbv	ND	3.8	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.74	ug/m³	1		02/17/2010	TD
1,2-Dichloropropane	ND	0.500	0.4	ppbv	ND	2.4	1.7	ug/m³	1		02/17/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.500	0.3	ppbv	ND	3.6	1.9	ug/m³	1		02/17/2010	TD
1,3-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.4	ug/m³	1		02/17/2010	TD
1,4-Dichlorobenzene	ND	0.500	0.3	ppbv	ND	3.1	2.1	ug/m³	1		02/17/2010	TD
2-Chloro-1,3-Butadiene	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
3-Chloropropene	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Benzyl chloride	ND	1.00	0.4	ppbv	ND	5.3	2.3	ug/m³	1		02/17/2010	TD
Bromodichloromethane	ND	0.500	0.2	ppbv	ND	3.2	1.1	ug/m³	1		02/17/2010	TD
Carbon disulfide	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Carbon tetrachloride	ND	0.500	0.2	ppbv	ND	3.2	1.2	ug/m³	1		02/17/2010	TD
Chlorobenzene	ND	0.500	0.3	ppbv	ND	2.3	1.5	ug/m³	1		02/17/2010	TD
Chloroethane	ND	0.500	0.5	ppbv	ND	1.3	1.2	ug/m³	1		02/17/2010	TD
Chloroform	ND	0.500	0.2	ppbv	ND	2.5	1	ug/m³	1		02/17/2010	TD
Chloromethane	ND	0.500	0.3	ppbv	ND	1.1	0.61	ug/m³	1		02/17/2010	TD
cis-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1	ug/m³	1		02/17/2010	TD
cis-1,3-Dichloropropylene	ND	0.500	0.3	ppbv	ND	2.3	1.2	ug/m³	1		02/17/2010	TD
Hexachlorobutadiene	ND	0.500	0.3	ppbv	ND	5.4	3	ug/m³	1		02/17/2010	TD
Methylene chloride	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
Tetrachloroethylene	ND	0.500	0.2	ppbv	ND	3.4	1.4	ug/m³	1		02/17/2010	TD
trans-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1.3	ug/m³	1		02/17/2010	TD
trans-1,3-Dichloropropylene	ND	0.500	0.2	ppbv	ND	2.3	0.69	ug/m³	1		02/17/2010	TD
Trichloroethylene	ND	0.500	0.2	ppbv	ND	2.7	1.3	ug/m³	1		02/17/2010	TD
Trichlorofluoromethane (Freon 11)	ND	0.500	0.3	ppbv	ND	2.9	1.4	ug/m³	1		02/17/2010	TD
Vinyl Chloride	ND	0.500	0.3	ppbv	ND	1.3	0.86	ug/m³	1		02/17/2010	TD

Surrogate Recovery	*Result*	*Acceptance Range*		
Surrogate: p-Bromofluorobenzene	*97.0 %*	*70-130*	*02/17/2010*	TD

Sample ID: **Canister Certification Y55** Sampled: 02/16/2010

York ID: **10B0603-11 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.4	ug/m³	1		02/17/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.500	0.2	ppbv	ND	3.5	1.6	ug/m³	1		02/17/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	0.3	ppbv	ND	3.9	1.9	ug/m³	1		02/17/2010	TD
1,1,2-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.6	ug/m³	1		02/17/2010	TD
1,1-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.99	ug/m³	1		02/17/2010	TD
1,1-Dichloroethylene	ND	0.500	0.2	ppbv	ND	2	0.69	ug/m³	1		02/17/2010	TD
1,2,4-Trichlorobenzene	ND	0.500	0.2	ppbv	ND	3.8	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.74	ug/m³	1		02/17/2010	TD
1,2-Dichloropropane	ND	0.500	0.4	ppbv	ND	2.4	1.7	ug/m³	1		02/17/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.500	0.3	ppbv	ND	3.6	1.9	ug/m³	1		02/17/2010	TD
1,3-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.4	ug/m³	1		02/17/2010	TD
1,4-Dichlorobenzene	ND	0.500	0.3	ppbv	ND	3.1	2.1	ug/m³	1		02/17/2010	TD
2-Chloro-1,3-Butadiene	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
3-Chloropropene	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Benzyl chloride	ND	1.00	0.4	ppbv	ND	5.3	2.3	ug/m³	1		02/17/2010	TD
Bromodichloromethane	ND	0.500	0.2	ppbv	ND	3.2	1.1	ug/m³	1		02/17/2010	TD
Carbon disulfide	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Carbon tetrachloride	ND	0.500	0.2	ppbv	ND	3.2	1.2	ug/m³	1		02/17/2010	TD
Chlorobenzene	ND	0.500	0.3	ppbv	ND	2.3	1.5	ug/m³	1		02/17/2010	TD
Chloroethane	ND	0.500	0.5	ppbv	ND	1.3	1.2	ug/m³	1		02/17/2010	TD
Chloroform	ND	0.500	0.2	ppbv	ND	2.5	1	ug/m³	1		02/17/2010	TD
Chloromethane	ND	0.500	0.3	ppbv	ND	1.1	0.61	ug/m³	1		02/17/2010	TD
cis-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1	ug/m³	1		02/17/2010	TD
cis-1,3-Dichloropropylene	ND	0.500	0.3	ppbv	ND	2.3	1.2	ug/m³	1		02/17/2010	TD
Hexachlorobutadiene	ND	0.500	0.3	ppbv	ND	5.4	3	ug/m³	1		02/17/2010	TD
Methylene chloride	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
Tetrachloroethylene	ND	0.500	0.2	ppbv	ND	3.4	1.4	ug/m³	1		02/17/2010	TD
trans-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1.3	ug/m³	1		02/17/2010	TD
trans-1,3-Dichloropropylene	ND	0.500	0.2	ppbv	ND	2.3	0.69	ug/m³	1		02/17/2010	TD
Trichloroethylene	ND	0.500	0.2	ppbv	ND	2.7	1.3	ug/m³	1		02/17/2010	TD
Trichlorofluoromethane (Freon 11)	ND	0.500	0.3	ppbv	ND	2.9	1.4	ug/m³	1		02/17/2010	TD
Vinyl Chloride	ND	0.500	0.3	ppbv	ND	1.3	0.86	ug/m³	1		02/17/2010	TD
Surrogate Recovery	*Result*	*Acceptance Range*										
Surrogate: p-Bromofluorobenzene	*95.1 %*	*70-130*									*02/17/2010*	TD

Sample ID: **Canister Certification Y42** Sampled: 02/16/2010

York ID: **10B0603-12 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

Analyte	ppbv Result	ppbv RL	ppbv MDL	ppbv Units	ug/m³ Result	ug/m³ RL	ug/m³ MDL	ug/m³ Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.4	ug/m³	1		02/17/2010	TD
1,1,2,2-Tetrachloroethane	ND	0.500	0.2	ppbv	ND	3.5	1.6	ug/m³	1		02/17/2010	TD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	0.3	ppbv	ND	3.9	1.9	ug/m³	1		02/17/2010	TD

Sample ID: **Canister Certification Y42**

Sampled: 02/16/2010

York ID: **10B0603-12 (Air)**

Volatile Organic Compounds by EPA Compendium TO14A/TO15

	ppbv				ug/m³							
Analyte	Result	RL	MDL	Units	Result	RL	MDL	Units	Dilution	Qualifiers	Analyzed	Analyst
1,1,2-Trichloroethane	ND	0.500	0.3	ppbv	ND	2.8	1.6	ug/m³	1		02/17/2010	TD
1,1-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.99	ug/m³	1		02/17/2010	TD
1,1-Dichloroethylene	ND	0.500	0.2	ppbv	ND	2	0.69	ug/m³	1		02/17/2010	TD
1,2,4-Trichlorobenzene	ND	0.500	0.2	ppbv	ND	3.8	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.2	ug/m³	1		02/17/2010	TD
1,2-Dichloroethane	ND	0.500	0.2	ppbv	ND	2.1	0.74	ug/m³	1		02/17/2010	TD
1,2-Dichloropropane	ND	0.500	0.4	ppbv	ND	2.4	1.7	ug/m³	1		02/17/2010	TD
1,2-Dichlorotetrafluoroethane	ND	0.500	0.3	ppbv	ND	3.6	1.9	ug/m³	1		02/17/2010	TD
1,3-Dichlorobenzene	ND	0.500	0.2	ppbv	ND	3.1	1.4	ug/m³	1		02/17/2010	TD
1,4-Dichlorobenzene	ND	0.500	0.3	ppbv	ND	3.1	2.1	ug/m³	1		02/17/2010	TD
2-Chloro-1,3-Butadiene	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
3-Chloropropene	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Benzyl chloride	ND	1.00	0.4	ppbv	ND	5.3	2.3	ug/m³	1		02/17/2010	TD
Bromodichloromethane	ND	0.500	0.2	ppbv	ND	3.2	1.1	ug/m³	1		02/17/2010	TD
Carbon disulfide	ND	0.500	0.1	ppbv	ND	1.6	0.35	ug/m³	1		02/17/2010	TD
Carbon tetrachloride	ND	0.500	0.2	ppbv	ND	3.2	1.2	ug/m³	1		02/17/2010	TD
Chlorobenzene	ND	0.500	0.3	ppbv	ND	2.3	1.5	ug/m³	1		02/17/2010	TD
Chloroethane	ND	0.500	0.5	ppbv	ND	1.3	1.2	ug/m³	1		02/17/2010	TD
Chloroform	ND	0.500	0.2	ppbv	ND	2.5	1	ug/m³	1		02/17/2010	TD
Chloromethane	ND	0.500	0.3	ppbv	ND	1.1	0.61	ug/m³	1		02/17/2010	TD
cis-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1	ug/m³	1		02/17/2010	TD
cis-1,3-Dichloropropylene	ND	0.500	0.3	ppbv	ND	2.3	1.2	ug/m³	1		02/17/2010	TD
Hexachlorobutadiene	ND	0.500	0.3	ppbv	ND	5.4	3	ug/m³	1		02/17/2010	TD
Methylene chloride	ND	0.500	0.3	ppbv	ND	1.8	1.1	ug/m³	1		02/17/2010	TD
Tetrachloroethylene	ND	0.500	0.2	ppbv	ND	3.4	1.4	ug/m³	1		02/17/2010	TD
trans-1,2-Dichloroethylene	ND	0.500	0.3	ppbv	ND	2	1.3	ug/m³	1		02/17/2010	TD
trans-1,3-Dichloropropylene	ND	0.500	0.2	ppbv	ND	2.3	0.69	ug/m³	1		02/17/2010	TD
Trichloroethylene	ND	0.500	0.2	ppbv	ND	2.7	1.3	ug/m³	1		02/17/2010	TD
Trichlorofluoromethane (Freon 11)	ND	0.500	0.3	ppbv	ND	2.9	1.4	ug/m³	1		02/17/2010	TD
Vinyl Chloride	ND	0.500	0.3	ppbv	ND	1.3	0.86	ug/m³	1		02/17/2010	TD

Surrogate Recovery	*Result*	*Acceptance Range*		
Surrogate: p-Bromofluorobenzene	*86.6 %*	*70-130*	*02/17/2010*	TD

Analytical Batch Summary

Batch ID: BB00687 **Preparation Method:** EPA TO15 PREP **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
10B0603-07	Canister Certification Y52	02/17/10
10B0603-08	Canister Certification Y54	02/17/10
10B0603-09	Canister Certification S26	02/17/10
10B0603-10	Canister Certification Y43	02/17/10
10B0603-11	Canister Certification Y55	02/17/10
10B0603-12	Canister Certification Y42	02/17/10

Batch ID: BB00689 **Preparation Method:** EPA TO15 PREP **Prepared By:** SR

YORK Sample ID	Client Sample ID	Preparation Date
10B0603-01	IAS-1	02/24/10
10B0603-02	IAS-2	02/24/10
10B0603-03	IAS-3	02/24/10
10B0603-04	AA	02/24/10
10B0603-05	Trip Blank	02/24/10
10B0603-06	Effluent	02/24/10
BB00689-BLK1	Blank	02/24/10
BB00689-BS1	LCS	02/23/10
BB00689-DUP1	Duplicate	02/24/10

Batch ID: BB00710 **Preparation Method:** EPA TO15 PREP **Prepared By:** SR

YORK Sample ID	Client Sample ID	Preparation Date
10B0603-01	IAS-1	02/25/10
10B0603-02	IAS-2	02/25/10
10B0603-03	IAS-3	02/25/10
10B0603-04	AA	02/25/10
10B0603-05	Trip Blank	02/25/10
BB00710-BLK1	Blank	02/25/10
BB00710-BS1	LCS	02/25/10
BB00710-DUP1	Duplicate	02/25/10

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB00689 - EPA TO15 PREP											
Blank (BB00689-BLK1)								Prepared: 02/24/2010 Analyzed: 02/23/2010			
Vinyl Chloride	ND	0.50	ppbv								
Vinyl bromide	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Tetrachloroethylene	ND	0.50	"								
Styrene	ND	0.50	"								
Propylene	ND	1.0	"								
p-Ethyltoluene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
o-Xylene	ND	0.50	"								
n-Hexane	ND	0.50	"								
n-Heptane	ND	0.50	"								
Methylene chloride	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methyl isobutyl ketone	ND	1.0	"								
Isopropanol	ND	1.0	"								
Hexachlorobutadiene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Ethyl acetate	ND	0.50	"								
Cyclohexane	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Chloromethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Bromomethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Benzyl chloride	ND	1.0	"								
Benzene	ND	0.50	"								
Acetone	ND	0.50	"								
3-Chloropropene	ND	0.50	"								
2-Hexanone	ND	1.0	"								
2-Chloro-1,3-Butadiene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2,2,4-Trimethylpentane	ND	0.50	"								
1,4-Dioxane	ND	2.0	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Butadiene	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB00689 - EPA TO15 PREP											
Blank (BB00689-BLK1)						Prepared: 02/24/2010 Analyzed: 02/23/2010					
1,1-Dichloroethylene	ND	0.50	ppbv								
1,1-Dichloroethane	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,1-Trichloroethane	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Surrogate: p-Bromofluorobenzene	*7.43*		"	*10.0*		*74.3*	*70-130*				
LCS (BB00689-BS1)						Prepared & Analyzed: 02/23/2010					
Vinyl Chloride	8.7		ppbv	10.0		87.2	70-130				
Vinyl bromide	9.0		"	10.0		89.8	70-130				
Vinyl acetate	10		"	10.0		104	70-130				
Trichloroethylene	9.1		"	10.0		90.6	70-130				
trans-1,3-Dichloropropylene	10		"	10.0		103	70-130				
trans-1,2-Dichloroethylene	9.2		"	10.0		91.9	70-130				
Toluene	9.1		"	10.0		91.1	70-130				
Tetrahydrofuran	9.0		"	10.0		90.4	70-130				
Tetrachloroethylene	9.1		"	10.0		91.3	70-130				
Styrene	14		"	10.0		140	70-130	High Bias			
Propylene	8.6		"	10.0		86.2	70-130				
p-Ethyltoluene	12		"	10.0		124	70-130				
p- & m- Xylenes	24		"	20.0		120	70-130				
o-Xylene	12		"	10.0		124	70-130				
n-Hexane	8.5		"	10.0		85.1	70-130				
n-Heptane	8.5		"	10.0		84.8	70-130				
Methylene chloride	9.6		"	10.0		96.5	70-130				
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		94.1	70-130				
Methyl isobutyl ketone	12		"	10.0		120	70-130				
Isopropanol	9.9		"	10.0		99.2	70-130				
Hexachlorobutadiene	12		"	10.0		122	70-130				
Ethyl Benzene	12		"	10.0		122	70-130				
Ethyl acetate	10		"	10.0		100	70-130				
Cyclohexane	8.6		"	10.0		86.4	70-130				
cis-1,3-Dichloropropylene	10		"	10.0		103	70-130				
cis-1,2-Dichloroethylene	9.1		"	10.0		91.0	70-130				
Chloromethane	8.0		"	10.0		80.1	70-130				
Chloroform	8.6		"	10.0		86.1	70-130				
Chloroethane	8.8		"	10.0		87.9	70-130				
Carbon tetrachloride	8.6		"	10.0		85.8	70-130				
Carbon disulfide	9.0		"	10.0		90.5	70-130				
Bromomethane	8.9		"	10.0		88.7	70-130				
Bromoform	13		"	10.0		125	70-130				
Bromodichloromethane	9.1		"	10.0		91.2	70-130				
Benzyl chloride	12		"	10.0		125	70-130				
Benzene	8.8		"	10.0		87.5	70-130				
Acetone	9.4		"	10.0		94.5	70-130				
3-Chloropropene	2.9		"	10.0		28.7	70-130	Low Bias			
2-Hexanone	10		"	10.0		104	70-130				
2-Butanone	10		"	10.0		105	70-130				
2,2,4-Trimethylpentane	8.7		"	10.0		87.0	70-130				
1,4-Dioxane	9.3		"	10.0		93.3	70-130				
1,4-Dichlorobenzene	12		"	10.0		119	70-130				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB00689 - EPA TO15 PREP											
LCS (BB00689-BS1)						Prepared & Analyzed: 02/23/2010					
1,3-Dichlorobenzene	13		ppbv	10.0		128	70-130				
1,3-Butadiene	8.8		"	10.0		88.4	70-130				
1,3,5-Trimethylbenzene	13		"	10.0		129	70-130				
1,2-Dichlorotetrafluoroethane	8.6		"	10.0		85.9	70-130				
1,2-Dichloropropane	9.0		"	10.0		89.8	70-130				
1,2-Dichloroethane	9.2		"	10.0		91.8	70-130				
1,2-Dichlorobenzene	12		"	10.0		121	70-130				
1,2,4-Trimethylbenzene	13		"	10.0		128	70-130				
1,2,4-Trichlorobenzene	11		"	10.0		110	70-130				
1,1-Dichloroethylene	8.6		"	10.0		86.4	70-130				
1,1-Dichloroethane	8.7		"	10.0		86.9	70-130				
1,1,2-Trichloroethane	9.8		"	10.0		98.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.6		"	10.0		86.1	70-130				
1,1,2,2-Tetrachloroethane	13		"	10.0		126	70-130				
1,1,1-Trichloroethane	8.5		"	10.0		85.1	70-130				
Chlorobenzene	12		"	10.0		117	70-130				
Surrogate: p-Bromofluorobenzene	*11.2*		"	*10.0*		*112*	*70-130*				
Duplicate (BB00689-DUP1)	*Source(Sample used for MS/MSD): 10B0603-06					Prepared & Analyzed: 02/24/2010					
Vinyl Chloride	ND	0.82	ppbv		ND					25	
Vinyl bromide	ND	0.82	"		ND					25	
Vinyl acetate	ND	0.82	"		ND					25	
Trichloroethylene	ND	0.82	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.82	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.82	"		ND					25	
Toluene	0.57	0.82	"		0.55				4.38	25	
Tetrahydrofuran	ND	1.6	"		ND					25	
Tetrachloroethylene	ND	0.82	"		ND					25	
Styrene	ND	0.82	"		ND					25	
Propylene	ND	1.6	"		ND					25	
p-Ethyltoluene	ND	0.82	"		ND					25	
p- & m- Xylenes	ND	1.6	"		ND					25	
o-Xylene	ND	0.82	"		ND					25	
n-Hexane	ND	0.82	"		ND					25	
n-Heptane	ND	0.82	"		ND					25	
Methylene chloride	ND	0.82	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.82	"		ND					25	
Methyl isobutyl ketone	ND	1.6	"		ND					25	
Isopropanol	ND	1.6	"		ND					25	
Hexachlorobutadiene	ND	0.82	"		ND					25	
Ethyl Benzene	ND	0.82	"		ND					25	
Ethyl acetate	ND	0.82	"		ND					25	
Cyclohexane	ND	0.82	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.82	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.82	"		ND					25	
Chloromethane	ND	0.82	"		ND					25	
Chloroform	ND	0.82	"		ND					25	
Chloroethane	ND	0.82	"		ND					25	
Carbon tetrachloride	ND	0.82	"		ND					25	
Carbon disulfide	ND	0.82	"		ND					25	
Bromomethane	ND	0.82	"		ND					25	
Bromoform	ND	0.82	"		ND					25	
Bromodichloromethane	ND	0.82	"		ND					25	

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB00689 - EPA TO15 PREP											
Duplicate (BB00689-DUP1)	*Source(Sample used for MS/MSD): 10B0603-06				Prepared & Analyzed: 02/24/2010						
Benzyl chloride	ND	1.6	ppbv		ND					25	
Benzene	ND	0.82	"		ND					25	
Acetone	7.3	0.82	"		7.2				1.36	25	
3-Chloropropene	ND	0.82	"		ND					25	
2-Hexanone	ND	1.6	"		ND					25	
2-Chloro-1,3-Butadiene	ND	0.82	"		ND					25	
2-Butanone	ND	0.82	"		ND					25	
2,2,4-Trimethylpentane	ND	0.82	"		ND					25	
1,4-Dioxane	ND	3.3	"		ND					25	
1,4-Dichlorobenzene	ND	0.82	"		ND					25	
1,3-Dichlorobenzene	ND	0.82	"		ND					25	
1,3-Butadiene	ND	0.82	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.82	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.82	"		ND					25	
1,2-Dichloropropane	ND	0.82	"		ND					25	
1,2-Dichloroethane	ND	0.82	"		ND					25	
1,2-Dichlorobenzene	ND	0.82	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.82	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.82	"		ND					25	
1,1-Dichloroethylene	ND	0.82	"		ND					25	
1,1-Dichloroethane	ND	0.82	"		ND					25	
1,1,2-Trichloroethane	ND	0.82	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.82	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.82	"		ND					25	
1,1,1-Trichloroethane	ND	0.82	"		ND					25	
Chlorobenzene	ND	0.82	"		ND					25	
Trichlorofluoromethane (Freon 11)	ND	0.82	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.8*		"	*10.0*		*108*	*70-130*				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB00710 - EPA TO15 PREP											
Blank (BB00710-BLK1)						Prepared & Analyzed: 02/25/2010					
Vinyl Chloride	ND	0.0500	ppbv								
Trichloroethylene	ND	0.0500	"								
Tetrachloroethylene	ND	0.0500	"								
cis-1,2-Dichloroethylene	ND	0.0500	"								
Carbon tetrachloride	ND	0.0500	"								
1,2-Dichloroethane	ND	0.0500	"								
1,1-Dichloroethylene	ND	0.0500	"								
1,1,1-Trichloroethane	ND	0.0500	"								
Surrogate: p-Bromofluorobenzene	*0.810*		"	*1.00*		*81.0*	*70-130*				
LCS (BB00710-BS1)						Prepared & Analyzed: 02/25/2010					
Vinyl Chloride	0.290		ppbv	0.300		96.7	70-130				
Trichloroethylene	0.270		"	0.300		90.0	70-130				
Tetrachloroethylene	0.260		"	0.300		86.7	70-130				
cis-1,2-Dichloroethylene	0.270		"	0.300		90.0	70-130				
Carbon tetrachloride	0.280		"	0.300		93.3	70-130				
1,2-Dichloroethane	0.280		"	0.300		93.3	70-130				
1,1-Dichloroethylene	0.280		"	0.300		93.3	70-130				
1,1,1-Trichloroethane	0.280		"	0.300		93.3	70-130				
Surrogate: p-Bromofluorobenzene	*0.900*		"	*1.00*		*90.0*	*70-130*				
Duplicate (BB00710-DUP1)	*Source(Sample used for MS/MSD): 10B0603-04					Prepared & Analyzed: 02/25/2010					
Vinyl Chloride	ND	0.0835	ppbv		ND					25	
Trichloroethylene	ND	0.0835	"		ND					25	
Tetrachloroethylene	0.0501	0.0835	"		0.0501				0.00	25	
cis-1,2-Dichloroethylene	ND	0.0835	"		ND					25	
Carbon tetrachloride	0.0835	0.0835	"		0.0668				22.2	25	
1,2-Dichloroethane	ND	0.0835	"		ND					25	
1,1-Dichloroethylene	ND	0.0835	"		ND					25	
1,1,1-Trichloroethane	ND	0.0835	"		ND					25	
Surrogate: p-Bromofluorobenzene	*1.27*		"	*1.00*		*127*	*70-130*				

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

ND	Analyte NOT DETECTED at or above the Reporting Limit
RL	Reporting Limit-the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	Method Detection Limit- The minimum concentration that can be measured and reported with 99 percent confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J"Flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

CHAIN OF CUSTODY DOCUMENTATION

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 10B0603

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company: AKRF, Inc.	Company: AKRF, Inc.	Company: AKRF, Inc.	The Home Depot 75-04 Woodhaven Blvd. Rego Park, Queens, NY	24 hr ____	Summary ____ QA/QC Summary ____ Results Only
Address: 440 Park Ave South 7th Floor, NY, NY 10016	Address:	Address:	Purchase Order No. Project # 03399	48 hr ____	RCP Package ____ ASP B Pkg ____
Phone No. 646-388-9525	Phone No.	Phone No.		72 hr ____	ASP A Pkg ____ Excel format ____
Contact Person: Kate Brunner	Attention: Kate Brunner	Attention: Kate Brunner		5 Day ____	EDD X OTHER Category "B"
E-Mail Address: Kbrunner@akrf.com	E-Mail Address:	E-Mail Address:		Standard RUSH!	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Steve Grans - AKRF
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Summa	Flow	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
IAS-1	Y52	Y5	2/19/2010	Air A	TO-15	1-liter Summa
IAS-2	Y54	5001	2/19/10	Air A	TO-15	
IAS-3	S26	Y8	2/19/10	Air A	TO-15	
AA	Y43	5030	2/19/10	Air A	TO-15	
Trip Blank					TO-15	

Comments
** Report all chlorinated VOCs for all Samples!
- Category B deliverables

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ 4°C ___ 4°C ___ HNO_3 ___ 4°C ___ H_2SO_4 ___ 4°C ___ Other ___ 4°C ___ H_2SO_4 ___ $NaOH$ ___ ZnAc ___ Ascorbic ___ Other ___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
!	2/20/10 1200	Chris C	2-22-10 10:00
Samples Relinquished By	Date/Time	Samples Received in LAB by: P. Grace	Date/Time 2/22/10 1615

Temperature on Receipt N/A °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 10B0603

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company: AKRF, Inc.	Company: AKRF	Company: AKRF	The Home Depot 75-09 Woodhaven Blvd. Rego Park, Queens, NY	24 hr	Summary Results Only / QA/QC Summary
Address: 440 Park Ave South 7th Flr NY, NY 10016	Address:	Address:	**Purchase Order No.** Project # 03399	48 hr	RCP Package / ASP B Pkg
Phone No. 646 388-9525	Phone No.	Phone No.		72 hr	ASP A Pkg / Excel format
Contact Person: Kate Brunner	Attention: Kate Brunner	Attention: Kate Brunner		5 Day	EDD X / OTHER Category B
E-Mail Address: KBrunner@AKRF.com	E-Mail Address:	E-Mail Address:		Standard RUSH!	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Steve Greas
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Effluent 442 (Summa) / F6	2/19/10	Air A		1-liter Summa
~~Trip Blank~~ (Sg)				↓

Preservation Check those Applicable: 4°C ___ Frozen ___ / 4°C ___ / 4°C ___ / HNO3 ___ / 4°C ___ / H2SO4 ___ / 4°C ___ Other / 4°C ___ ZnAc ___ Ascorbic ___ / H2SO4 ___ / NaOH ___ Other

Comments
*Report all chlorinated VOCs for Effluent sample
- Category B deliverables

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	2/20/10 12		2-22-10 10:4
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		P. Grace	2/22/10 1615

Temperature on Receipt: N/A °C

APPENDIX C

INDOOR AIR SAMPLING LOGS

AKRF, Inc.
Environmental Consultants

Indoor Air Sampling Log

Job No: 03399-0023 **Client:** The Home Depot

Project Location: Home Depot, Rego Park **Sampled By:** SG

Date: 2/19/2010

AMW-4

Laboratory Sample (Summa Canister)

Summa No. Y52 **Gauge No.** _____ **Flow Control No.** 1/5

Catalog #24194
Serial # 4906

Sample ID: IAS-1

Time Started: 0645 **Vacuum:** -29.5 In Hg

Time Stopped: 1447 **Vacuum:** -12 In Hg

PID Readings

Time 0649	Reading 0.0
Time 0748	Reading 0.0
Time 0840	Reading 0.0 (ND)
Time 0939	Reading ND
Time 1040	Reading ND
Time 1140	Reading ND
Time 1255	Reading ND
Time 1346	Reading ND

Potential VOC sources in vicinity: None.

- Located in breathing zone; ~~North of aisle 6 in front of entrance~~ (SG) 5' west of AMW-4 on steel shelving (Aisle 37) Lighting
- 0700 - SG observes contractor cleaning the interior floors with the floor stripper. Home Depot employee informs SG they do it again in the afternoon (time unknown)
- ** Note: the paint aisle is approx. 40' north of sample location.

AKRF, Inc.
Environmental Consultants

Indoor Air Sampling Log

Job No: 03399-0023 **Client:** The Home Depot

Project Location: Home Depot, Rego Park **Sampled By:** SG

Date: 2/19/2010

Laboratory Sample (Summa Canister)

Summa No. 454 **Gauge No.** _____ **Flow Control No.** 5001 ~~No number~

Sample ID: IAS-2

Time Started: 0650 **Vacuum:** -29.5 In Hg

Time Stopped: 1451 **Vacuum:** -6 In Hg

PID Readings

Time 0651	Reading ND
Time 0750	Reading ND
Time 0846	Reading ND
Time 0942	Reading ND
Time 1043	Reading ND
Time 1144	Reading ND
Time 1302	Reading ND
Time 1348	Reading ND

Potential VOC sources in vicinity: No potential VOC's (or VOC sources) in the immediate Area. Located in garden Furniture section on shelving 30' North of Aisle 6 Flooring.

AKRF, Inc.
Environmental Consultants

Indoor Air Sampling Log

Job No: 03399-0023 **Client:** The Home Depot

Project Location: Home Depot, Rego Park **Sampled By:** SG

Date: 2/19/2010

Laboratory Sample (Summa Canister)

Summa No. 526 **Gauge No.** _____ **Flow Control No.** Y8

Sample ID: IAS-3

Time Started: 0656 **Vacuum:** -29 In Hg

Time Stopped: 1457 **Vacuum:** -6 In Hg

PID Readings

Time	0657	Reading	ND
Time	0754	Reading	ND
Time	0852	Reading	ND
Time	0948	Reading	ND
Time	1050	Reading	ND
Time	1151	Reading	ND
Time	1304	Reading	ND
Time	1350	Reading	ND

Potential VOC sources in vicinity: No potential VOC's in Area.

Located in aisle ___ on shelving, by the cement board. A pallet of Joint Compound is located approximately 5'-■' away. Containers (5-gallon) are closed. Located on the Northeast side of aisle 19. 5- and 1-gallon containers (closed) of Joint compound located across aisle 19 (Bldg. Materials)

AKRF, Inc.
Environmental Consultants

Indoor Air Sampling Log

Job No: 03399-0023 **Client:** The Home Depot

Project Location: Home Depot, Rego Park **Sampled By:** SG

Date: 2/19/2010

Laboratory Sample (Summa Canister)

Summa No. Y43 **Gauge No.** _____ **Flow Control No.** 5030

Sample ID: AA

Time Started: 0703 **Vacuum:** -30 In Hg

Time Stopped: 1505 **Vacuum:** -2 In Hg

PID Readings

Time 0704	Reading ND
Time 0805	Reading ND
Time 0903	Reading ND
Time 0958	Reading ND
Time 1057	Reading ND
Time 1201	Reading ND
Time 1307	Reading ND
Time 1352	Reading ND

Potential VOC sources in vicinity: No potential VOCs sources in immediate area. Located next to planting Pots on shelving (in breathing zone) close to northern (fence) wall of garden center. Summa Canister is located outside of the Home Depot. A cage filled with propane tanks is located approx. 40' east of Summa Canister.