COMMITMENT & INTEGRITY
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Via Electronic Mail and US Mail

February 2, 2017

Mr. Matthew Hubicki
Environmental Engineer I
DER, Bureau C
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7014

Subject: 2016 Progress Report
Hangar D1 Bay 1B, Westchester County Airport, White Plains, New York
Site No. 360037

Dear Mr. Hubicki:

Enclosed please find the 2016 Progress Report for the above referenced project. This report was prepared pursuant to Section 5 and Table 8 of the February 2015 Site Management Plan (SMP) for Hangar D1 Bay 1B at the Westchester County Airport in White Plains, New York (the Site). This report includes the final monitoring event under the SMP and in accordance with our meeting of August 25, 2014.

As discussed during our meeting at the Airport on October 13, 2016, the Airport property cannot be deed restricted as outlined in the SMP. We are seeking approval to use the Airport Environmental Management Systems in place of a deed restriction whereby the SMP supporting documents can be finalized. We understand that this option is under review by the New York State Department of Environmental Conservation. If we can provide any additional information to facilitate the review, please do not hesitate to let me know.

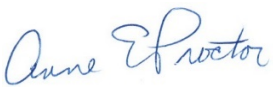
Also, as relayed during the October 2016 meeting, project management on behalf of ExxonMobil has transitioned to Elaine Lamm. Ms. Lamm's contact information is provided below:

Elaine Lamm
Project Manager
US North Execution
ExxonMobil Environmental Services Company
38 Varick Street
Brooklyn, NY 11222
elaine.m.lamm@exxonmobil.com

Thank you for your time and assistance with this project.

Sincerely,

WOODARD & CURRAN, INC.



Anne E. Proctor, PE
Sr. Project Manager

Enclosure

copy: E. Lamm – ExxonMobil (electronic copy)
S. Karpinski – NYSDOH (electronic copy)
J. Inserra – Westchester County Airport (electronic copy)
E. Faulkner – Ross Aviation (electronic copy)
M. DeGloria – GES (electronic copy)

Hangar D1 Bay 1B
Westchester County Airport
White Plains, New York
Progress Report for 2016

1.0 Activities Conducted in 2016

As described in the February 25, 2015 certified Site Management Plan (SMP), remedial activities have been completed at the Westchester County Airport Hangar D1 Bay 1B site (the Site) including in-situ applications of permanganate in August 2001, September 2004, and November/December 2008, and operation of a Soil Vapor Extraction system from February 2004 through September 2013. Per Section 3.0 of the SMP, post-remediation monitoring activities were conducted as outlined in **Sections 1.1 and 1.2** below during calendar year 2016 to confirm attenuation of site-related constituents in environmental media beneath the hangar bay floor. The Site remains a hangar bay used for airport operations.

On October 13, 2016, New York State Department of Environmental Conservation (NYSDEC), Airport and ExxonMobil representatives met at the Airport's administrative offices to review regulated sites at the Airport, including the Hangar D1 Bay 1B Site and its SMP. As discussed during the meeting, Airport property cannot be deed restricted as specified by the SMP. We are seeking approval to use the Airport Environmental Management Systems (**Attachment A**) in place of a deed restriction whereby the SMP supporting documents can be finalized. We understand that the NYSDEC is reviewing this option.

1.1 Ground Water Sampling

- A ground water sampling event was conducted on December 1 and 2, 2016. Nineteen wells were gauged and sampled by low-flow sampling techniques. A ground water contour map for shallow unconfined flow for the December 2016 monitoring event is included as **Figure 1**.

- Ground water samples were submitted for analysis of Volatile Organic Compounds (VOCs) by EPA Method 8260 to Accutest Laboratories of Dayton, New Jersey (Accutest), a NELAP accredited laboratory. Site compounds in ground water including Tetrachloroethene, 1,1,1-Trichloroethane, Trichloroethene, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethene, Chloroethane and Vinyl Chloride have generally demonstrated declining trends over time in downgradient monitoring wells. The highest concentration of the parent compound Tetrachloroethene at 241 micrograms per liter (ug/L) was found in well MW-24 in the upgradient hangar, and the highest concentration of the parent compound 1,1,1-Trichloroethane at 8.4 ug/L was found in well MW-02. Compared to one year ago, total concentrations of site compounds across the study area decreased approximately 4% in the vicinity of well MW-01 and decreased approximately 63% in the vicinity of well MW-02 (refer to **Figure 2** and **Attachments B and C**). Downgradient wells MW-3, MW-4, MW-10S and MW-10D were compliant with criteria for site-related constituents, with the exception of 1,1-Dichloroethane in well MW-10S at 5.5 ug/L that exceeded the criterion of 5 ug/L and Vinyl Chloride in well MW-04 at 3.2 ug/L that exceeded the criterion of 2 ug/L.

1.2 Soil Vapor, Indoor and Outdoor Air Sampling

- A soil vapor sampling event was conducted on November 10, 2016, and included outdoor, indoor, and sub-slab samples. Samples were collected in 6-liter Summa canisters and submitted for laboratory analysis of VOCs by EPA Method TO-15 to Accutest. Upon deployment, one of the canisters had a vacuum leak and a replacement canister had to be delivered to the site. All air samples were collected over 8 hours with the exception of the outdoor sample that was collected over 4 hours using the replacement canister upon its arrival. **Attachment D** includes a summary of laboratory results, a figure with sample locations, and a completed Questionnaire and Building Inventory. The laboratory analytical report is included in **Attachment C**.

- The following items were noted for the November 2016 event results:

  - Trichloroethene was detected in indoor air samples ranging from <0.21 to 0.25 micrograms per cubic meter (ug/m^3). Based on concentrations in the companion sub-slab vapor samples, ranging from 0.23 to 3.1 ug/m^3, the recommended action is "Take reasonable and practical actions to identify source(s) and reduce exposures"[1]. Product inventories in the hangar bay have noted a spray can of "Red Lion 74107" that contains the parent compound Tetrachloroethene.

  - 1,1,1-Trichloroethane was detected in sub-slab vapor beneath the hangar floor at a concentration of 1,960 ug/m^3 with the recommended action "mitigate"[1]; however, there was no detection of 1,1,1-Trichloroethane in the companion indoor air sample. It is believed that previous remedial actions and the construction and operation of the hangar provide mitigative measures for the indoor hangar air concentration.

1.3 Data Validation

A Data Usability Summary Report (DUSR) is included in **Attachment E** that was completed in accordance with the Quality Assurance Project Plan (Appendix G to the SMP) for the analytical laboratory results in **Attachment C**. Ground water and air analytical data are deemed usable for the purposes of evaluating concentrations of Site compounds in ground water and air with the following qualifications:

- Non-detects reported for samples SSV-1 (SUBSLAB), SSV-2 (SUB-SLAB), LOUNGE, and OUTDOOR should be considered estimated due to residual pressure in the sample canisters necessitating some dilution.

Applicable qualifiers have been added to the data tables in **Attachment D**.

2.0 Activities Planned for 2017

- Obtain approval to incorporate the Airport Environmental Management Systems (**Attachment A**) into the SMP.

- Obtain approval to dismantle and remove the SVE system.

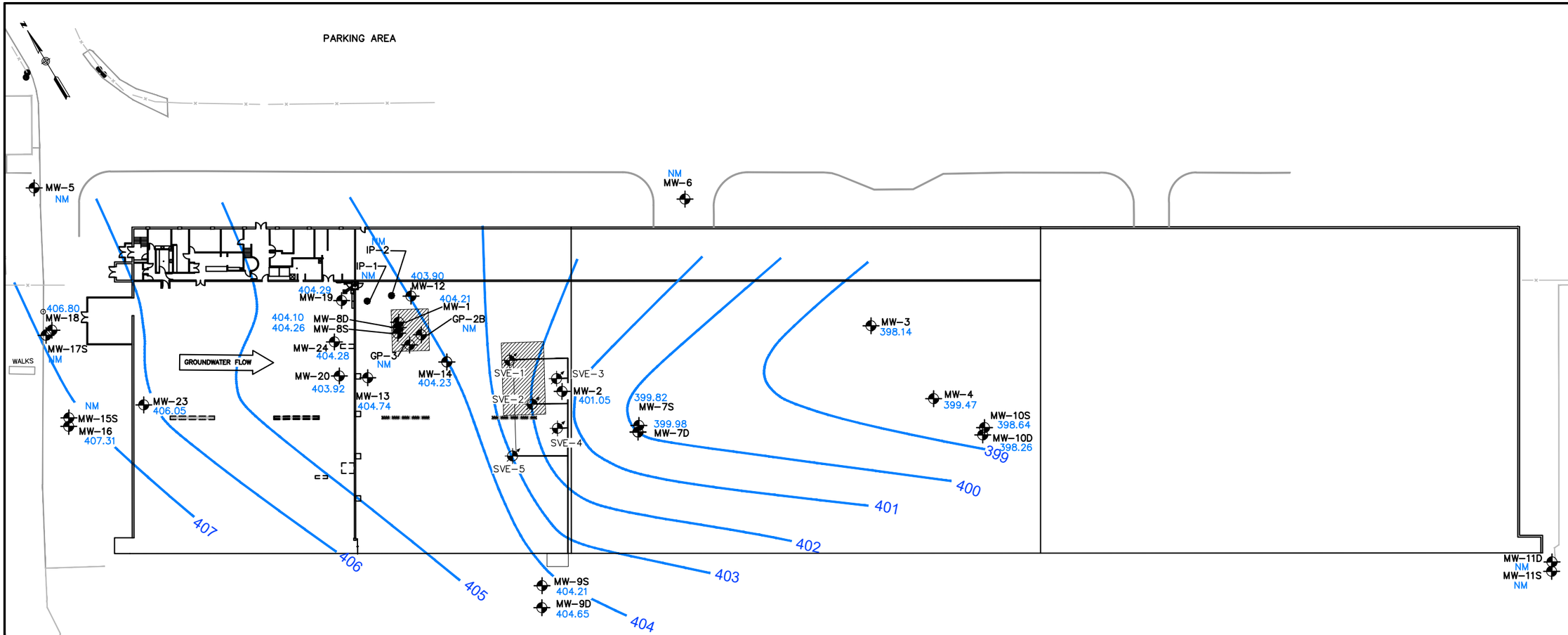
3.0 Summary of Project Deliverables

• Annual Periodic Review Reports (per the SMP)	on or about February
• Certified Site Management Plan	sent 2/25/15
• Progress Reports (quarterly through 2014)	last report sent 1/26/16
• Trial SVE System Shut-Down and SVI Work Plan	sent 11/14/13
• Petition for Site Reclassification	sent 4/30/13

[1] Reference the Soil Vapor/Indoor Air Matrices 1 and 2 in the October 2006 NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York.*

• Well Installation Work Plans	sent 4/21/11 and 5/4/12
• Report Additional In-situ Treatment Application	sent 5/11/09
• Propose Additional In-situ Treatment Application	sent 10/22/08
• Operation and Monitoring Report	sent 3/08/04
• Finalized Remedial Design/Remedial Action Work Plan	sent 1/13/03
• Copy of Declaration of Covenants to NYSDEC	sent 9/18/02
• Remedial Design/Remedial Action Work Plan	sent 9/13/02
• Certified Copy of Notice Sent to NYSDEC	sent 9/13/02
• Records Search Report	sent 8/13/02
• Notice of Order Sent to Clerk	sent 8/13/02
• Contractor Qualifications Package	sent 7/22/02

FIGURES



LEGEND:

MW-02	OVERBURDEN MONITORING WELL
MW-09S	SHALLOW BEDROCK MONITORING WELL
MW-09D	DEEP BEDROCK MONITORING WELL
SVE-5	SOIL VAPOR EXTRACTION (SVE) WELL
IP 2	INJECTION POINT
403	GROUNDWATER ELEVATION
	GROUNDWATER CONTOUR, SHALLOW UNCONFINED FLOW
NM	NOT MEASURED

MAP NOTES:

1. INFORMATION SHOWN HEREON WAS COMPILED FROM AN ACTUAL FIELD SURVEY CONDUCTED IN JUNE 15, 2011, REVISED JUNE 21, 2012.
2. NORTH ORIENTATION IS REFERENCED TO GRID NORTH AND IS BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 27.
3. VERTICAL DATUM ESTABLISHED FOR N.C.V.D. 1929.

60' 0 60' 120'

BAR SCALE
1" = 60'
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CHESHIRE, CONNECTICUT 06410
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COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

GROUNDWATER CONTOUR MAP DECEMBER 2016

CHECKED BY: AP
DESIGNED BY: GR
DRAWN BY: PF
206924_U1-GW.dwg

EXXONMOBIL ENVIRONMENTAL SERVICES CO.

WESTCHESTER COUNTY AIRPORT HANGAR D

JOB NO: 206924
DATE: JANUARY 2017
SCALE: AS NOTED

FIGURE 1

MW-8D	5/20/14	8/6/14	11/17/14	11/12/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	3.4	3.5	3.6	2.4	0.97J
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	29.6	28.7	28.6	20.3	8.2
t-1,2-DCE	1.1	0.61J	0.85J	U	U
TCA	U	U	U	U	U
PCE	30.6	30.0	32.5	20.1	8.4
TCE	7.7	7.5	7.1	4.4	1.6
VC	U	U	U	U	U

MW-19	5/21/14	8/7/14	11/17/14	11/13/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	4.1	4.8	2.7	3.8	1.9
1,1-DCE	0.55J	0.61J	U	0.61J	0.3J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	195	184	125	190	123
t-1,2-DCE	20.5	21.6	13.2	25.1	14.0
TCA	U	U	U	U	U
PCE	18.0	15.0	0.84J	3.5	5.6
TCE	6.3	6.8	3.0	6.2	6.0
VC	2.2	2.2	3.6	5.5	4.9

MW-01	5/20/14	8/6/14	11/17/14	11/12/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	8.4	8.6	8.6	3.7	3.1
1,1-DCE	U	U	055J	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	107.0	89.2	94.7	31.3	7.1
t-1,2-DCE	10.7	11.4	8.9	3.0	3.6
TCA	U	U	U	U	U
PCE	2.2	U	0.51J	3.8	U
TCE	17.0	11.7	5.7	8.3	0.32J
VC	8.9	13.1	8.6	3.8	3.3

MW-12	5/20/14	8/6/14	11/17/14	11/13/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	0.94J	0.54J	0.48J	0.66J	0.53J
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	5.5	3.1	2.4	2.5	3.2
t-1,2-DCE	2.0	3.6	3.3	5.0	0.52J
TCA	U	U	U	U	U
PCE	7.2	3.6	5.0	2.0	3.1
TCE	3.1	0.75J	0.56J	0.57J	1.7
VC	U	0.57J	U	0.91J	U

MW-02	5/20/14	8/6/14	11/17/14	11/12/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	10.0	11.4	7.6	26.3	26.7
1,1-DCE	U	U	0.56J	0.53J	0.44J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	19.4	26.1	38.8	10.8	18.1
t-1,2-DCE	0.58J	0.54J	U	U	0.49J
TCA	1.4	2.7	2.1	18.4J	8.4
PCE	1.1	3.0	089J	5.20	4.5
TCE	10.2	25.0	7.3	8.3J	4.1
VC	6.2	7.5	4.9	5.7J	7.1

MW-8S	5/20/14	8/6/14	11/17/14	11/12/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	12.1	10.8	6.4	8.1	10
1,1-DCE	0.86J	0.84J	0.73J	0.63J	0.8J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	168	132	79.3	89.9	153
t-1,2-DCE	7.6	4.3	2.0	2.0	6.3
TCA	2.0	2.0	0.74J	1.20	0.91J
PCE	199	183	57.7	145	111
TCE	67.0	61.9	75.3	57.2	67.6
VC	1.2	0.66J	0.35J	U	1.1

MW-14	5/21/14	8/6/14	11/17/14	11/12/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	8.6	9.2	7.1	5.6	5.4
1,1-DCE	0.73J	0.82J	0.69J	U	0.41J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	120	127	97.1	72.3	81.7
t-1,2-DCE	1.3	1.6	1.1	1.2	0.9J
TCA	1.8	1.8	1.3	0.71J	0.84J
PCE	175	188	155	89.0	86.5
TCE	35.5	38.0	29.4	24.1	22.4
VC	0.9J	1.0	0.95J	2.0	1.6

MW-03	5/20/14	8/6/14	11/18/14	11/12/15	12/2/16
CA	U	U	U	U	U
1,1-DCA	U	U	U	U	U
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	U	U	0.45J	U	0.84J
t-1,2-DCE	U	U	U	U	3.1
TCA	U	U	U	U	U
PCE	U	U	U	U	0.35J
TCE	U	0.28J	U	U	U
VC	U	U	U	U	U

MW-24	5/21/14	8/6/14	11/17/14	11/13/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	12.1	10.2	16.0	14.0	9.9
1,1-DCE	0.7J	0.55J	U	0.83J	0.69J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	119	96	151	151	146
t-1,2-DCE	1.9	2.2	3.8	4.5	2.5
TCA	2.6	1.9	2.2	2.1	1.4
PCE	290	229	314	335	241
TCE	72.5	58.5	88.3	91.8	62.5
VC	U	U	U	U	U

MW-04	5/20/14	8/6/14	11/18/14	11/12/15	12/2/16
CA	2.9	U	U	U	U
1,1-DCA	2.6	0.76J	2.2	0.24J	U
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	0.25J	U	1.4	0.47J	U
t-1,2-DCE	U	U	0.85J	U	1.4
TCA	U	U	U	U	U
PCE	U	U	U	U	U
TCE	U	U	U	U	U
VC	4.7	1.4	7.7	2.0	3.2

MW-20	5/21/14	8/7/14	11/17/14	11/13/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	22.7	27.6	22.3	19.8	17.5
1,1-DCE	0.77J	0.62J	U	0.61J	0.61J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	180	183	130	112	138
t-1,2-DCE	2.1	3.1	2.2	1.5	1.4
TCA	3.8	3.3	2.0	1.8	1.8
PCE	311	239	206	185	149
TCE	34.2	35.9	25.3	26.9	20.8
VC	U	U	U	U	U

MW-10S	5/20/14	8/6/14	11/18/14	11/12/15	12/2/16
CA	U	U	U	U	U
1,1-DCA	11.6	21.0	24.2	8.6	5.5
1,1-DCE	0.62J	1.5	2.1	U	0.35J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	5.5	7.6	9.0	3.1	2.5
t-1,2-DCE	U	U	U	U	1.6
TCA	U	U	U	U	U
PCE	0.93J	1.7	2.5	0.84J	0.8J
TCE	1.0	1.9	2.0	0.93J	0.59J
VC	U	1.7	2.2	U	U

MW-23	5/21/14	8/7/14	11/17/14	11/13/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	1.5	1.6	2.5	1.7	1.7
1,1-DCE	0.37J	U	2.2	1.4	0.45J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	3.7	3.2	5.6	3.7	3.9
t-1,2-DCE	U	U	U	U	U
TCA	0.31J	U	4.2J	2.9	0.24J
PCE	1.5	1.7	2.8	2.2	1.6
TCE	U	0.35J	0.54J	0.45J	0.5J
VC	U	U	U	U	U

MW-10D	5/20/14	8/6/14	11/18/14	11/12/15	12/2/16
CA	U	U	U	U	U
1,1-DCA	1.1	1.4	1.2	0.88J	1.1
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	U	U	U	U	U
t-1,2-DCE	U	U	U	U	1.3
TCA	U	U	U	U	U
PCE	U	U	U	U	U
TCE	U	U	U	U	U
VC	U	U	U	U	U

MW-07S	5/20/14	8/6/14	11/18/14	11/12/15	12/2/16
CA	U	U	U	U	U
1,1-DCA	50.1	33.2	29.1	51.4	U
1,1-DCE	30.2	8.1	7.7	5.8	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	41.1	46.0	32.2	39.7	U
t-1,2-DCE	U	U	0.61J	U	U
TCA	17.8	12.4	4.8	6.2	U
PCE	40.1	1.0	1.0	1.5	U
TCE	22.4	18.1	7.6	17.7	U
VC	10.0	10.2	9.1	9.9	U

MW-09S	5/21/14	8/6/14	11/18/14	11/13/15	12/2/16
CA	U	U	U	U	U
1,1-DCA	U	U	U	U	U
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	U	U	U	U	U
t-1,2-DCE	U	U	U	U	U
TCA	U	U	U	U	U
PCE	2.0	U	U	0.69J	U
TCE	21.2	U	U	U	U
VC	U	U	U	U	U

MW-07D	5/20/14	8/6/14	11/18/14	11/12/15	12/2/16
CA	U	U	U	0.38J	U
1,1-DCA	25.6	22.2	20.2	20.3	7.6
1,1-DCE	1.2	0.50J	0.62J	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	5.6	3.8	2.1	1.6	0.32J
t-1,2-DCE	U	U	U	U	2.4
TCA	U	U	U	U	U
PCE	U	U	U	U	0.41J
TCE	2.8	1.1	0.47J	0.72J	U
VC	U	U	U	U	U

MW-09D	5/21/14	8/6/14	11/18/14	11/13/15	12/2/16
CA	U	U	U	U	U
1,1-DCA	U	U	U	U	U
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	U	U	0.51J	0.34J	U
t-1,2-DCE	U	U	U	U	U
TCA	U	U	U	U	U
PCE	0.93J	0.75J	0.53J	0.79J	U
TCE	U	U	U	U	U
VC	U	U	U	U	U

MW-13	5/20/14	8/7/14	11/17/14	11/13/15	12/1/16
CA	U	U	U	U	U
1,1-DCA	6.3	6.8	7.6	7.3	6.7
1,1-DCE	0.63J	0.58J	U	0.55J	0.53J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	77.7	80.2	71.5	81.4	104
t-1,2-DCE	0.67J	1.1	1.1	0.75J	1.1
TCA	2.9	2.4	1.9	1.9	1.7
PCE	215	212	148	184J	190
TCE	19.0	19.7	21.0	21.8	18.2
VC	U	U	U	U	U

CONCENTRATIONS ARE IN ug/L (ppb).
BLUE HIGHLIGHTED WELLS EXCEED ONE OR MORE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) CLASS GA GROUNDWATER STANDARDS.
a = DILUTED DUE TO HIGH CONCENTRATION OF NON-TARGET COMPOUND
B = COMPOUND FOUND IN FIELD BLANK SAMPLE
J = ESTIMATED CONCENTRATION, LOW
E = ESTIMATED CONCENTRATION, HIGH
CA = CHLOROETHANE
1,1-DCA = 1,1-DICHLOROETHANE
1,1-DCE = 1,1-DICHLOROETHENE
1,2-DCA = 1,2-DICHLOROETHANE
c-1,2-DCE = cis-1,2-DICHLOROETHENE
t-1,2-DCE = trans-1,2-DICHLOROETHENE
TCA = 1,1,1-TRICHLOROETHANE
PCE = TETRACHLOROETHENE
TCE = TRICHLOROETHENE
VC = VINYL CHLORIDE
U = UNDETECTED
NS = NOT SAMPLED, WELL OBSTRUCTED.

MAP NOTES:

1. INFORMATION SHOWN HEREON WAS COMPILED FROM AN ACTUAL FIELD SURVEY CONDUCTED IN JUNE 15, 2011, REVISED JUNE 21, 2012.
2. NORTH ORIENTATION IS REFERENCED TO GRID NORTH AND IS BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 27.
3. VERTICAL DATUM ESTABLISHED FOR N.C.V.D. 1929.

LEGEND:

MW-02 ⊕ MONITORING WELL

SVE-5 ◬ SOIL VAPOR EXTRACTION (SVE) WELL

IP 2 ● INJECTION POINT

80' 0 80' 160'

BAR SCALE
1" = 80'
CHECK GRAPHIC SCALE BEFORE USING

WOODARD & CURRAN
1520 HIGHLAND AVENUE
CHESHIRE, CONNECTICUT 06410
88.265.8969 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

GROUNDWATER SAMPLING RESULTS DECEMBER 2016

DESIGNED BY: GR
DRAWN BY: PF
CHECKED BY: AP
206924_U2 CHEM.DWG

EXXONMOBIL ENVIRONMENTAL SERVICES CO.

WESTCHESTER COUNTY AIRPORT
HANGAR D

JOB NO: 206924
DATE: JANUARY 2017
SCALE: AS NOTED

FIGURE 2

ATTACHMENT A

Westchester County Airport Environmental Management System Overview

The Westchester County Airport is committed to achieving excellence in environmental protection by integrating environmental values into all airport activities. The County of Westchester decided to achieve this by pursuing and implementing an ISO 14001 Environmental Management System (EMS) certified by an outside, independent registrar meeting the International Standards Organization requirements (based upon a Plan-Do-Check-Correct model) to attain this objective. http://airport.westchestergov.com/environmental-management-system

The airport's Environmental Policy is the guiding document which provides for the conservation of natural resources, sustainable operations and prevention of pollution, mitigation of environmental harm, full compliance with all environmental laws, regulations and other requirements, and notification to the public of airport environmental performance reports.

The Westchester County Airport Environmental Management System ("AEMS") was first certified to the ISO 14001 Standard by an independent auditor in 2004, and was the third airport in the United States to achieve this level of environmental performance. It has been continually recertified every three years, most recently in July 2016. The Airport was recognized by Airports Council International–North America (ACI-NA) with an Honorable Mention at the Environmental Achievement Awards in 2005. The airport has also been singled out by storm water professionals for its extraordinary efforts to protect water quality. In 2016, the AEMS Technical Committee was awarded the Jay Hollingsworth Speas Award, "For building positive community relationships through collaborative efforts and neighborhood education by all airport organizations focused on improved environmental performance and reduced noise impact."

The Airport Environmental Management System (AEMS) oversees and monitors all aspects of the airport's environmental performance and institutes airport-wide environmental management practices to make continual improvements and to educate all employees through environmental awareness training. The Airport's Environmental Department carefully monitors and reports the airport's impacts on the environment and maintains compliance with all environmental laws and regulations. An "environmental work order" procedure is part of the AEMS and insures an effective feedback loop to insure required actions are taken. The AEMS uses a GIS Map based "Vueworks" asset management data system as its management tool. With this tool every facility, monitoring device, spill site, etc. is located by GPS coordinates and its management history and plan is available. The Airport Environmental Manager will use this System and tools to insure that any future use of the spill sites NYANG (V00499) Septic Field B (V00611) & Texaco Hangar (360037) are managed consistent with appropriate use restrictions and that any inappropriate uses, such as a drinking water well, is not permitted.

ATTACHMENT B

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
GP-02B	8/08/01	5 U	110	10	5 U	280	16	5 U	150	43	6	5 U	5 U	615
MW-01 Area	9/20/01	9	100	9	5 U	260	19	5 U	90	43	8	5 U	5 U	538
	11/29/01	6	99	10	5 U	260	19	5 U	72	59	7	5 U	5 U	532
	2/07/02	6.4	95.9	7.4	2 U	284	15.8	5 U	10.5	24.6	10.2	5 U	2 U	455
	5/13/02	5.8	110	12.4	2 U	283	18.9	2.9 J	136	79.3	16.7	5 U	2 U	665
	8/29/02	7.6	119	9.7	2 U	305	19.1	1.1 J	74.5	68.9	31.7	5 U	2 U	637
	11/14/02	1.3 U	99.2	9.2	1.1 U	299	16	0.19 U	90.5	71	20	0.37 U	1.1 U	605
	2/12/03	4.4 J	101	9.3	0.62 J	NA	16.9	0.094 U	127	91.2	21.9	0.18 U	0.53 U	372
	5/15/03	4.2	99.1	6.5	U	NA	12.6	1.1	80.7	79.3	21.5	U	U	305
	8/13/03	3.5	77.2	5.7	U	NA	12	U	50.5	67	19.5	U	U	235
	11/13/03	2.9	60.1	2.3	U	NA	7.1	0.41 J	8.4	17.2	31.2	U	U	130
	2/09/04	3.2	76.8	4.4	U	NA	12.3	U	11.7	40	24.7	U	U	173
	5/28/04	U	97.8	6.3	U	NA	13.7	U	8.8	51.3	16.5	U	U	194
	8/09/04	U	94.8	5.4	U	NA	13.6	U	8.1	50.3	14.2	U	U	186
	10/27/04	U	96.9	5.4	U	NA	13.9	U	2.8	21.7	14.8	U	U	156
	12/16/04	U	81.6	6.2	U	NA	13.1	U	2 J	17.1	11.5	U	U	132
	3/17/05	U	24.7	3.2	U	NA	2.5	13.9	151	21.4	U	U	U	217
	6/22/05	U	60.7	1.3	U	257	8.1	U	0.73 J	7.8	4.3	U	U	340
	9/13/05	1.1	81.6	3.2	U	269	14.2	U	0.34 J	2.9	14.8	U	U	387
	12/20/05	U	79	3.2	U	370	13.9	U	U	5.3	10.3	U	U	482
	3/13/06	U	56.4	1.8 J	U	314	10	U	U	3.6	5.6	U	U	391
	6/22/06	1.1 U	54.2	2.4	0.59 U	328	9.1	0.55 U	0.55 U	4.3	8.1	0.43 U	0.53 U	406
	9/06/06	U	50	1.6 J	U	326	9.3	U	U	4.1	4	U	U	395
	12/04/06	0.56 U	65.2	3	0.29 U	374	13.8	0.28 U	0.28 U	2.6	8.1	0.22 U	0.27 U	467
	3/13/07	0.56 U	65.1	4	0.29 U	390	15.9	0.28 U	0.28 U	2.8	11.1	0.22 U	0.27 U	489
	6/11/07	0.67 U	38.5	0.87 J	0.29 U	244	8	0.3 U	0.28 U	0.5 J	3.7	0.25 U	0.21 U	296
	9/04/07	0.67 U	51.3	2	0.29 U	321	12	0.3 U	0.28 U	0.77 J	8.7	0.25 U	0.21 U	396
	12/14/07	0.67 U	15.4	0.74 J	0.29 U	110	4.2	0.3 U	0.28 U	0.38 J	3.7	0.25 U	0.21 U	134
	3/12/08	0.67 U	50.8	2.7	0.29 U	312	13.4	0.3 U	0.28 U	3.1 B	13.7	0.25 U	0.21 U	396
	6/16/08	0.22 U	40.8	1.9	0.35 U	283	12.7	0.24 U	0.29 U	1.9	14.6	0.16 U	0.16 U	355
	9/11/08	0.22 U	43.3	1.9	0.35 U	213	10.9	0.24 U	0.29 U	1.8	0.21 U	0.16 U	0.16 U	271
	12/19/08	0.22 U	32.8	1.5	0.35 U	226	10.7	0.24 U	0.47 JB	2.6	9.4	0.16 U	0.16 U	283
	2/24/09	0.22 U	32.1	1.2	0.35 U	200	9.4	0.24 U	0.29 U	1.5	14.5	0.16 U	0.16 U	259
	5/11/09	0.22 U	38.1	1.6	0.35 U	282	11.3	0.24 U	0.49 J	1.6	16.2	0.16 U	0.16 U	351
	8/11/09	0.37 U	34.6	1.3	0.33 U	245	11.1	0.26 U	0.27 U	3.3	14.1	0.23 U	0.30 U	309
	11/09/09	0.37 U	28.8	1.1	0.33 U	193	9.4	0.26 U	0.69 J	1.7	12.3	0.23 U	0.30 U	247
	2/22/10	0.37 U	31.5	1.5	0.33 U	238	11.5	0.26 U	0.27 U	2.4	16.6	0.23 U	0.30 U	302
	5/20/10	0.37 U	24.3	0.87 J	0.33 U	198	8.8	0.26 U	1.1	1.5	13.9	0.23 U	0.30 U	248
	8/12/10	0.37 U	25.6	1.4 B	0.33 U	183	9.7	0.26 U	0.32 J	0.99 J	17.0	0.23 U	0.30 U	238
	11/12/10	0.37 U	29.7	1.0	0.33 U	181	10.2	0.26 U	1.6	1.4	22.9	0.23 U	0.30 U	248
	2/17/11	0.37 U	21.4	0.77 J	0.33 U	157	8.0	0.26 U	0.27 U	1.7	14.3	0.23 U	0.30 U	203
	6/16/11	0.37 U	23.4	0.92 J	0.18 U	156	9.4	0.24 U	0.32 U	2.1	18.9	0.21 U	0.20 U	211
	8/18/11	0.37 U	18.4	1.00	0.18 U	143	8.0	0.24 U	0.69 J	1.9	14.0	0.21 U	0.20 U	187
	11/03/11	0.37 U	17.9	0.70 J	0.18 U	132	8.8	0.24 U	0.32 U	0.56 J	12.5	0.21 U	0.20 U	172
	2/15/12	1.0 U	12.1	1.0 U	1.0 U	46.4	5.64	1.0 U	4.62	1.14	6.18	1.0 U	5.0 U	76

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
GP-02B	5/16/12	1.0 U	15.5	1.0 U	1.0 U	77.5	7.07	1.0 U	1.0 U	1.0 U	9.50	1.0 U	5.0 U	110
MW-01 Area	8/08/12	1.0 U	16.6	1.0 U	1.0 U	90.9	7.51	1.0 U	1.0 U	1.0 U	10.80	1.0 U	5.0 U	126
(continued)	11/05/12	1.0 U	15.5	1.0 U	1.0 U	84.1	9.00	1.0 U	4.41	2.82	9.09	1.0 U	5.0 U	125
	2/21/13	1.0 U	13.3	0.45 J	1.0 U	87.2	5.5	1.0 U	1.4	11.0	7.5	1.0 U	0.73 J	127
	5/15/13	1.0 U	10.7	0.37 J	1.0 U	72.5	5.5	1.0 U	1.2	6.0	6.0	0.87 J	2.0 U	103
	8/26/13	1.0 U	12.4	1.0 U	1.0 U	92.4	6.5	1.0 U	3.1	7.3	7.6	1.0 U	2.0 U	129
	11/11/13	1.0 U	11.1	1.0 U	1.0 U	63.9	6.4	1.0 U	5.2	11.3	5.6	1.0 U	2.0 U	104
	2/19/14	1.0 U	12.1	0.45 J	1.0 U	63.5	6.5	1.0 U	1.7	24.2	8.5	1.0 U	2.0 U	117
	5/20/14	1.0 U	11.0	1.0 U	1.0 U	83.8	5.9	1.0 U	3.4	23.2	7.3	1.0 U	2.0 U	135
	8/06/14	1.0 U	13.1	1.0 U	1.0 U	101	6.3	1.0 U	1.8	25.0	9.0	1.0 U	2.0 U	156
	11/17/14	1.0 U	12.7	0.59 J	1.0 U	91.9	5.8	1.0 U	2.4	24.2	9.8	1.0 U	2.0 U	147
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
GP-03	8/20/01	5 U	120	19	5 U	260	16	58	330	48	5	5 U	5 U	856
MW-01 Area	9/20/01	5	110	11	5 U	260	18	11	140	52	7	5 U	5 U	614
	11/29/01	5 U	97	13	5 U	220	15	23	240	55	5 U	5 U	5 U	663
	2/06/02	3.2 J	117	12.6	2 U	240	12.9	27.4	237	58.6	5.2	5 U	2 U	714
	5/13/02	2.7 J	102	9.2	2 U	204	10.5	25.8	221	63.6	5.1	5 U	2 U	644
	8/29/02	3.9 J	117	9.3	2 U	226	12.8	17.6	163	66.1	6.6	5 U	2 U	622
	11/14/02	0.65 U	81.1	7.9	0.57 U	180	8.7	13	190	62.4	4.6	0.18 U	0.53 U	548
	2/12/03	2.4 J	84.9	8.4	0.57 U	NA	9.5	13.5	186	85.3	5	0.18 U	0.53 U	395
	5/15/03	1.8	84.7	7.3	U	NA	7.9	22.7	199	74.6	6.3	U	U	404
	8/13/03	2.2	95	8.3	U	NA	8.6	18.4	185	95.7	8	U	U	421
	11/13/03	12.3	64.1	3.5	U	NA	9.2	4	23.2	32.9	128	U	U	277
	2/09/04	3.1	76.9	6.6	U	NA	9.3	13.8	157	94.8	22.4	U	U	384
	5/27/04	U	84.3	8.1	U	NA	7.3	23.6	167	101	10.3	U	U	402
	8/09/04	U	80.5	6.9	U	NA	7.9	18.1	174	100	8.5	U	U	396
	10/27/04	2.3	88.4	6.8	U	NA	10	20	176	113	5.7	U	U	422
	12/16/04	2.3	79.1	7.1	U	NA	9.3	17.8	168	93.9	5.9	U	U	383
	3/17/05	2	70.6	7.5	U	NA	8.5	21.5	208	109	6.4	U	U	434
	6/22/05	1.9	71.9	5.9	U	197	8	19.6	228	122	6.3	U	U	661
	9/12/05	1.9	77.4	6.9	U	223	10.3	19.7	240	137	6.2	U	U	722
	12/19/05	1.1	65	5.7	U	258	8	16.8	246	123	3.8	U	U	727
	3/13/06	U	39.7	1.9	U	131	3.7	4.6	42.1	37.2	2.2	U	U	262
	6/22/06	1.1	54.1	4.4	0.29 U	208	6.7	11.8	221	129	4.3	0.22 U	0.27 U	640
	9/06/06	0.76 J	51.7	4.7	U	213	8	10.2	183	116	3.7	U	U	591
	12/05/06	0.56 U	51.6	4.6	0.29 U	193	8.1	11.7	199	139	4.6	0.22 U	0.27 U	612
	3/12/07	0.56 U	49.6	4.8	0.29 U	211	9.3	9.3	213	128	3.9	0.22 U	0.27 U	629
	6/11/07	0.67 U	42.8	3.5	0.29 U	190	7.7	7.6	185	103	3.4	0.25 U	0.21 U	543
	9/04/07	0.67 U	47.9	3.9	0.29 U	199	8.2	9.3	183 B	104	4.0	0.25 U	0.21 U	559
	12/13/07	0.67 U	35.3	2.9	0.29 U	178	7.5	6.0	194	106	2.9	0.25 U	0.21 U	533
	3/12/08	0.67 U	39.0	3.5	0.29 U	183	7.8	6.4	157	112 B	3.7	0.67 J	0.21 U	513
	6/16/08	0.22 U	31.0	2.7	0.35 U	162	7.6	5.8	192	98.2	3.9	0.86 J	0.16 U	504
	9/11/08	0.22 U	30.8	2.3	0.35 U	155	6.3	5.3	149	104	0.21 U	0.53 J	0.16 U	453
	12/19/08	0.22 U	30.1	1.9	0.35 U	151	6.3	3.8	95.5 B	79	3.9	0.32 J	0.16 U	372
	2/24/09	0.22 U	26.0	1.7	0.35 U	142	5.9	4.2	128	96.5	4.5	0.16 U	0.16 U	409
	5/11/09	0.22 U	34.2	2.4	0.35 U	187	7.1	5.2	127	92.5	5.0	0.32 J	0.16 U	461
	8/11/09	0.37 U	29.7	2.0	0.33 U	183	7.2	4.3	162	119	4.6	0.23 U	0.30 U	512
	11/09/09	0.37 U	21.7	0.97 J	0.33 U	146	5.0	2.0	97.3	78.5	2.5	0.23 U	0.30 U	354
	2/22/10	0.37 U	28.1	2.6	0.33 U	188	7.7	3.9	193	115	4.6	0.25 J	0.30 U	543
	5/20/10	0.37 U	24.0	2.0	0.33 U	138	6.5	2.9	115	82.9	4.4	0.23 U	0.30 U	376
	8/12/10	0.37 U	20.9	1.9 B	0.33 U	136	6.0	2.3	141	92.5	4.2	0.23 U	0.30 U	405
	11/12/10	0.37 U	25.8	1.7	0.33 U	164	6.8	2.4	117	107	6.5	0.23 U	0.30 U	431
	2/17/11	0.37 U	20.3	1.4	0.33 U	152	6.1	2.2	107	91.1	4.8	0.23 U	0.30 U	385
	6/16/11	0.37 U	19.8	1.8	0.18 U	139	6.1	2.2	129	82.1	6.0	0.21 U	0.20 U	386
	8/18/11	0.37 U	17.8	1.7	0.18 U	128	5.7	1.6	101	73.7	6.8	0.21 U	0.20 U	336
	11/03/11	0.37 U	14.5	1.4	0.18 U	136	5.5	1.4	84.9	87.8	4.9	0.21 U	0.20 U	336
	2/15/12	1.0 U	15.4	1.06	1.0 U	109	6.23	1.0 U	59	63	7.89	1.0 U	5.0 U	262

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
GP-03	5/16/12	1.0 U	13.4	1.0 U	1.0 U	99.5	4.72	1.46	102	59	5.86	1.0 U	5.0 U	286
MW-01 Area	8/08/12	1.0 U	17.1	1.23	1.0 U	144	5.02	2.31	145	79.6	8.03	1.0 U	5.0 U	402
(continued)	11/05/12	1.0 U	14.2	1.0 U	1.0 U	115	6.06	1.53	135	68	4.72	1.0 U	5.0 U	345
	2/21/13	1.0 U	14.2	1.2	1.0 U	137	3.7	1.8	120	68	6.6	1.0 U	2.0 U	353
	5/15/13	1.0 U	17.0	0.89 J	1.0 U	144	5.9	0.89 J	71.3	69.8	12.6	0.82 J	2.0 U	323
	8/26/13	1.0 U	15.3	1.0	1.0 U	143	5.5	1.1	114	72	9.6	1.0 U	2.0 U	362
	11/12/13	1.0 U	16.0	1.0	1.0 U	162	5.5	1.3	133	93.3	12.2	1.0 U	2.0 U	424
	2/17/14	1.0 U	13.4	0.88 J	1.0 U	113	4.6	1.0	109	76.5	14.8	1.0 U	2.0 U	333
	5/20/14	1.0 U	12.3	0.77 J	1.0 U	133	4.0	1.5	138	75.5	8.1	1.0 U	2.0 U	373
	8/06/14	1.0 U	13.5	0.92 J	1.0 U	135	4.3	1.3	138	82.7	12.6	1.0 U	2.0 U	388
	11/17/14	1.0 U	12.0	0.65 J	1.0 U	113	3.8	0.39 J	38.5	44.6	14.7	1.0 U	2.0 U	228
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-01	10/23/96	5 U	220	23	5 U	444	29	31	135	36	13	NA	5 U	931
MW-01 Area	11/21/96	8 U	160	12	8 U	465	24	24	79	28	8 U	NA	18	810
	7/24/97	11	220	20	2 U	710	34	17	21	19	14	NA	12	1078
	12/16/97	7	180	18	2 U	480	34	19	50	22	12	NA	2 U	822
	8/12/98	7	170	24	2 U	530	39	17	59	23	15	NA	2 U	884
	11/22/99	7	140	18	2 U	460	29	19	33	42	10	NA	2 U	758
	7/11/00	5	120	18	5 U	380	18	19	60	80	7	5 U	5 U	707
	10/24/00	4 J	110	17	1 U	440	19	17	50	67	7	1 U	2 U	731
	3/27/01	5	120	17	5 U	480	23	25	72	64	8	5 U	5 U	814
	8/08/01	5 U	120	15	5 U	480	22	13	30	52	8	5 U	5 U	740
	9/20/01	15	69	5 U	5 U	120	6	5 U	5 U	5 U	5 U	5 U	5 U	210
	11/16/01	5 U	49	5 U	5 U	210	10	5 U	5 U	5 U	5 U	5 U	5 U	269
	2/06/02	10.5	64.1	4	2 U	287	16.3	5 U	1.1	1.4	7.7	5 U	2 U	392
	5/10/02	4.9 J	78.3	4.5	4 U	350	15.6	10 U	2 U	2.8	7.4	10 U	4 U	464
	8/29/02	5.3	94.4	5.4	2 U	350	13.5	5 U	1 U	5.3	27	5 U	2 U	501
	11/12/02	1.3 U	82.9	5.2	1.1 U	357	12.9	0.19 U	0.78 U	3.5	19.4	0.37 U	1.1 U	481
	2/11/03	2.7 J	70.7	6.4	0.57 U	NA	10.8	0.094 U	0.39 U	3.6	20.2	0.18 U	0.53 U	114
	5/15/03	U	78.9	5.8	U	NA	11	1	U	20.5	19.9	U	U	137
	8/13/03	1.3	88.5	6.5	U	NA	13	1.1	U	16.1	28	U	U	155
	11/11/03	1.2	90.8	6.2	U	NA	11.8	1.4	U	15.2	30.5	U	U	157
	2/09/04	1.4	85.7	6.6	U	NA	12.1	1.4	U	17.2	29.7	U	U	154
	5/27/04	U	90.8	7.7	U	NA	18	U	1.4	27.5	51.8	U	U	197
	8/09/04	U	90	6.2	U	NA	17.4	1.1	0.5 J	19	31.9	U	U	166
	3/17/05	2.6	43.6	1.9	U	NA	18	U	0.91 J	1.4	91.4	U	U	160
	6/20/05	2.6	49.4	1.3	U	172	16.1	U	0.58 J	2.3	85.3	U	U	330
	9/12/05	2.7	64.1	2.7	U	197	32.2	U	0.54 J	1.3	113	U	U	414
	12/19/05	U	49.8	1.6	U	166	26.6	U	0.59 J	2.5	86.5	U	U	334
	3/13/06	U	46	U	U	166	23.5	U	0.81 J	1.2	63.2	U	U	301
	6/22/06	0.56 U	39.7	0.95 J	0.29 U	87.1	20.4	0.28 U	0.28 U	1.1	77.9	0.22 U	0.27 U	227
	9/06/06	0.63 J	47	1.6	U	192	25.7	U	U	0.8 J	57.2	U	U	325
	12/04/06	0.56 U	42.5	0.84 J	0.29 U	103	22.5	0.28 U	0.28 U	0.43 J	49	0.22 U	0.27 U	218
	3/12/07	0.56 U	30.2	0.83 J	0.29 U	78	21.1	0.28 U	0.28 U	2.1	30.5	0.22 U	0.27 U	163
	6/11/07	0.67 U	29.8	0.67 J	0.29 U	81.5	21.7	0.3 U	0.28 U	0.41 J	26.7	0.25 U	0.21 U	161
	9/04/07	0.67 U	26.3	0.65 J	0.29 U	72.7	0.32 U	0.3 U	0.28 U	0.26 U	26.4	0.25 U	0.21 U	126
	12/12/07	0.67 U	27.1	0.7 J	0.29 U	99.2	25.4	0.3 U	0.98 J	0.6 J	23.1	0.25 U	0.21 U	177
	3/12/08	0.67 U	25.3	0.72 J	0.29 U	95	21.5	0.3 U	0.28 U	3.2 B	16.3	0.25 U	0.21 U	162
	6/16/08	0.52 J	18.6	0.29 U	0.35 U	30.7	19.8	0.24 U	0.29 U	0.28 J	14.4	0.16 U	0.16 U	84
	9/11/08	0.22 U	15	0.29 U	0.35 U	44	19	0.24 U	0.29 U	0.18 U	8.5	0.16 U	0.16 U	87
	12/19/08	0.22 U	14	0.53 J	0.35 U	74.6	20	0.24 U	0.29 U	1.5	9.4	0.16 U	0.16 U	120
	2/24/09	0.22 U	13.8	0.29 U	0.35 U	65.9	15.5	0.24 U	0.29 U	0.53 J	12.2	0.16 U	0.16 U	108
	5/11/09	0.22 U	19.1	0.77 J	0.35 U	115	22.9	0.24 U	0.51 J	3.1	10.8	0.16 U	0.16 U	172
	8/11/09	0.37 U	15.4	0.40 U	0.33 U	72.1	21.9	0.26 U	2.7	2.2	13.9	0.23 U	0.30 U	128
	11/09/09	0.37 U	13.9	0.40 U	0.33 U	67.8	19.4	0.26 U	0.27 U	1.1	16.5	0.23 U	0.30 U	119
	2/22/10	0.37 U	11.6	0.40 U	0.33 U	51.0	18.7	0.26 U	0.27 U	0.51 J	10.5	0.23 U	0.30 U	92
	5/20/10	0.37 U	7.6	0.40 U	0.33 U	17.1	12.5	0.26 U	0.49 J	0.69 J	6.3	0.23 U	0.30 U	45

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-01	8/12/10	0.37 U	8.4	0.5 JB	0.33 U	44.4	19.2	0.26 U	0.27 U	0.24 U	7.9	0.23 U	0.30 U	80
MW-01 Area	11/12/10	0.37 U	14.3	0.76 J	0.33 U	122.0	21.3	0.26 U	1.5	2.7	11.0	0.23 U	0.30 U	174
(continued)	2/17/11	0.37 U	13.3	0.56 J	0.33 U	140.0	14.1	0.26 U	0.27 U	9.8	8.1	0.23 U	0.30 U	186
	6/16/11	0.37 U	9.5	0.28 U	0.18 U	49.1	17.1	0.24 U	0.32 U	0.74 J	11.1	0.21 U	0.20 U	88
	8/18/11	0.37 U	7.8	0.28 U	0.18 U	45.3	18.6	0.24 U	0.32 U	0.28 J	10.5	0.21 U	0.20 U	82
	11/03/11	0.37 U	4.8	0.28 U	0.18 U	8.2	10.9	0.24 U	0.32 U	0.21 U	3.4	0.21 U	0.20 U	27
	2/15/12	1.0 U	4.39	1.0 U	1.0 U	8.51	11.2	1.0 U	1.0 U	1.0 U	6.07	1.0 U	5.0 U	30
	5/16/12	1.0 U	5.45	1.0 U	1.0 U	50.2	12.9	1.0 U	1.0 U	1.0 U	5.27	1.0 U	5.0 U	74
	8/09/12	1.0 U	7.96	1.0 U	1.0 U	73.2	12.2	1.0 U	1.63	17.3	9.77	1.0 U	5.0 U	122
	11/05/12	1.0 U	10.7	1.0 U	1.0 U	105.0	18.6	1.0 U	3.1	25.6	8.89	1.0 U	5.0 U	172
	2/21/13	1.0 U	11.1	0.73 J	1.0 U	123	11.6	1.0 U	2.2	44.3	10.3	1.0 U	2.0 U	203
	5/15/13	1.0 U	2.0	1.0 U	1.0 U	6.7	2.3	1.0 U	2.6	3.1	0.89 J	0.23 J	2.0 U	18
	8/26/13	1.0 U	4.9	1.0 U	1.0 U	51.8	8.0	1.0 U	0.32 J	11.3	5.20	1.0 U	2.0 U	82
	11/11/13	1.0 U	6.4	1.0 U	1.0 U	69.1	11.3	1.0 U	1.4	9.4	8.1	1.0 U	2.0 U	106
	2/17/14	1.0 U	7.5	1.0 U	1.0 U	71.1	10.1	1.0 U	3.8	15.6	8.7	1.0 U	2.0 U	117
	5/20/14	1.0 U	8.4	1.0 U	1.0 U	107	10.7	1.0 U	2.2	17.0	8.9	1.0 U	2.0 U	154
	8/06/14	1.0 U	8.6	1.0 U	1.0 U	89.2	11.4	1.0 U	1.0 U	11.7	13.1	1.0 U	2.0 U	134
	11/17/14	1.0 U	8.6	0.55 J	1.0 U	94.7	8.9	1.0 U	0.51 J	5.7	8.6	1.0 U	2.0 U	128
	11/12/15	1.0 U	3.7	1.0 U	1.0 U	31.3	3.0	1.0 U	3.8	8.3	3.8	1.0 U	2.0 U	54
	12/01/16	1.0 U	3.1	1.0 U	1.0 U	7.1	3.6	1.0 U	1.0 U	0.32 J	3.3	1.0 U	2.0 U	17
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-02	10/23/96	895	1980	89	10 U	610	10 U	802	76	61	10 U	NA	10 U	4513
MW-02 Area	11/21/96	949	1500	58	10 U	544	10 U	835	59	47	10 U	NA	98	4090
	7/24/97	5500	5800	190	10 U	1800	10 U	580	64	19	10 U	NA	29	13982
	12/16/97	1500	1800	84	2 U	810	4 J	340	52	26	3 J	NA	5	4624
	8/12/98	1600	1800	78	3 J	940	4 J	340	49	65	3 J	NA	7	4889
	11/22/99	2200	2700	150	7 J	1900	11	610	41	220	4 U	NA	12	7851
	7/12/00	1200	2500	130	7	2200	7	980	57	600	5 U	5 U	8	7689
	10/24/00	1100	2300	120	8	2700	8	590	37	400	2 J	1 U	8	7273
	3/27/01	670	1100	56	5 U	1300	5 U	160	14	71	5 U	5 U	5 U	3371
	8/09/01	1300	2200	70	13 U	3400	13 U	110	41	29	13 U	13 U	13 U	7150
	9/20/01	2000	1300	90	10 U	2900	10 U	48	79	33	10 U	10 U	12	6462
	11/16/01	1400	1600	64	13 U	2700	13 U	140	39	24	13 U	13 U	13 U	5967
	2/06/02	1140	1310	55.7	40 U	2170	100 U	147	38.9	50.5	20 U	100 U	40 U	4912
	5/10/02	1150	1128	45.5	7.9 J	1890	7.5 J	92.5	22.3	67.2	12 U	50 U	20 U	4411
	8/29/02	1110	1160	32.9 J	40 U	2180	100 U	53.4 J	21.1	37.7	20 U	100 U	40 U	4595
	11/12/02	1240	1070	42	5.7 U	2780	1.8 U	30.5 J	3.9 U	1.6 U	71.8	1.8 U	5.3 U	5234
	2/11/03	562	787	36.3	5.5	NA	8.2	64.7	7.3	17.1	107	0.52 J	5.3	1601
	5/15/03	644	637	17.9	2.4	NA	7.8	39.9	5	24.1	50.4	0.99 J	2.1 J	1432
	8/13/03	581	542	17.9	U	NA	5.5	21.1	3.7 J	4.3 J	198	U	U	1374
	11/11/03	529	587	10.3	1.8 J	NA	3.5 J	16.5	U	U	570	U	U	1718
	2/09/04	1070	717	15.9	U	NA	U	34.2	U	5 J	743	U	U	2585
	5/28/04	870	345	18.8	4.1	NA	9.9	4.1	2.7	5.8	461	U	3.8	1725
	8/09/04	535	208	8	2.2	NA	8.6	2.3	0.56 J	2.1	311	U	1.7 J	1079
	10/27/04	816	260	14.3	4.7 J	NA	11.3	U	U	U	447	U	4.6 J	1558
	12/16/04	918	309	U	U	NA	15.5	U	U	4.3 J	665	U	U	1912
	3/17/05	293	158	5.8	2	NA	9.4	3.3	U	8.4	302	U	1.7 J	784
	6/22/05	211	126	2.9	1.4	588	6.4	3.6	U	21.5	237	U	1.1 J	1199
	9/13/05	197	121	3.3	1.3	410	6.6	1.7	U	3	162	U	1.3 J	907
	12/19/05	133	77.5	2.2 J	U	364	4.5	U	U	4	177	U	U	762
	3/13/06	100	68.3	2.8	0.64 J	344	4.8	1.1	0.35 J	7.2	178	U	0.68 J	708
	6/22/06	110	74.5	2.4	0.77 J	308	4.7	0.88 J	0.28 U	1.6	198	0.22 U	0.87 J	702
	9/06/06	58	52.5	1.7	U	226	4	0.98 J	U	1	126	U	0.46 J	471
	12/04/06	39.7	56.3	2	0.29 U	189	4.5	3.7	2.3	15.6	161	0.22 U	0.27 U	474
	3/13/07	23	42.4	2	0.29 U	132	2.7	3.3	2.2	36.6	81.2	0.22 U	0.27 U	325
	6/11/07	27.4	42.3	1.1	0.29 U	112	2.5	1.2	0.35 J	11.8	103	0.25 U	0.33 J	302
	9/04/07	19.2	48.7	1.1	0.29 U	102	2.7	0.92 J	7.4 B	8.1	97.5	0.25 U	0.21 U	288
	12/12/07	8.8	23.6	0.28 U	0.29 U	45	1.1	0.3 U	0.33 J	0.33 J	38.7	0.25 U	0.21 U	118
	3/11/08	7.6	32	0.66 J	0.29 U	62	1.9	0.3 U	0.28 U	1.4 B	53.3	0.25 U	0.21 U	159
	6/16/08	4.2	28.3	0.82 J	0.35 U	60.7	1.6	1.3	9.3	39.7	57.9	0.16 U	0.16 U	204
	9/11/08	1.5	22.7	0.73 J	0.35 U	55.5	1.2	0.89 J	0.55 J	20.2	46	0.16 U	0.16 U	149
	12/19/08	1.2	22.7	0.51 J	0.35 U	47.1	1.2	0.24 U	0.29 U	3.2	43.3	0.16 U	0.16 U	119
	2/24/09	0.22 U	27.7	0.29 U	0.35 U	32.2	1.3	0.24 U	0.29 U	1.5	51.1	0.16 U	0.16 U	114
	5/11/09	0.22 U	23.2	0.57 J	0.35 U	62.8	1.4	0.24 U	0.57 J	6.6	41.2	0.16 U	0.16 U	136
	8/11/09	0.37 U	22.1	0.46 J	0.33 U	56.5	1.3	1.3	4.8	30.6	34.1	0.23 U	0.30 U	151
	11/09/09	0.37 U	19.6	0.48 J	0.33 U	45.2	1.2	0.46 J	0.91 J	26.9	31.5	0.23 U	0.30 U	126

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-02	2/22/10	0.37 U	23.9	0.40 U	0.33 U	44.3	1.4	0.26 U	0.27 U	9.3	33.1	0.23 U	0.30 U	112
MW-02 Area	5/20/10	0.37 U	22.7	0.44 J	0.33 U	51.1	2.1	0.98 J	2.3	20.6	25.8	0.23 U	0.30 U	126
(continued)	8/12/10	0.37 U	16.7	0.87 JB	0.33 U	48.9	1.4	0.58 J	4.0	46.5	14.3	0.23 U	0.30 U	133
	11/12/10	0.37 U	13.7	0.69 J	0.33 U	70.0	0.96 J	0.26 U	0.6 J	9.1	16.4	0.23 U	0.30 U	111
	2/17/11	0.37 U	11.0	0.40 U	0.33 U	36.0	0.46 J	0.26 U	0.27 U	3.0	9.4	0.23 U	0.30 U	60
	6/16/11	0.37 U	16.8	0.68 J	0.18 U	58.5	1.4	0.76 J	13.8	33.5	16.3	0.21 U	0.20 U	142
	8/18/11	0.37 U	16.9	0.8 J	0.18 U	55.0	1.2	0.69 J	12.1	38.5	15.8	0.21 U	0.20 U	141
	11/03/11	0.37 U	20.2	0.56 J	0.18 U	45.0	1.6	0.54 J	2.6	20.8	19.7	0.21 U	0.20 U	111
	2/15/12	1.0 U	18.0	1.0 U	1.0 U	31.2	1.68	1.0 U	1.0 U	18.3	17.4	1.0 U	5.0 U	87
	5/16/12	1.0 U	6.28	1.0 U	1.0 U	25.6	3.20	1.0 U	1.33	7.39	1.28	1.0 U	5.0 U	45
	8/08/12	1.0 U	12.60	1.0 U	1.0 U	22.8	1.0 U	1.0 U	1.0 U	1.2	11.8	1.0 U	5.0 U	48
	11/05/12	1.0 U	8.99	1.0 U	1.0 U	15.5	1.0 U	1.0 U	1.0 U	1.0 U	7.97	1.0 U	5.0 U	32
	2/20/13	1.0 U	11.9	0.51 J	1.0 U	10.9	0.60 J	1.0 U	0.31 J	0.65 J	9.1	1.0 U	2.0 U	34
	5/15/13	1.0 U	13.3	1.0 U	1.0 U	5.3	1.10	1.0 U	1.0 U	1.6	7.9	1.0 U	2.0 U	29
	8/26/13	1.0 U	14.1	1.0 U	1.0 U	18.5	0.92 J	1.0 U	5.1	12.8	10.4	1.0 U	2.0 U	62
	11/11/13	1.0 U	7	1.0 U	1.0 U	39	0.44 J	1.0 U	1.2	39.0	10.9	1.0 U	2.0 U	98
	2/17/14	1.0 U	8.3	1.0 U	1.0 U	17.8	0.46 J	0.44 J	1.0 U	5.0	12.1	1.0 U	2.0 U	44
	5/20/14	1.0 U	10.0	1.0 U	1.0 U	19.4	0.58 J	1.4	1.1	10.2	6.2	1.0 U	2.0 U	49
	8/06/14	1.0 U	11.4	1.0 U	1.0 U	26.1	0.54 J	2.7	3.0	25.0	7.5	1.0 U	2.0 U	76
	11/17/14	1.0 U	7.6	0.56 J	1.0 U	38.8	1.0 U	2.1	0.89 J	7.3	4.9	1.0 U	2.0 U	62
	11/12/15	1.0 U	26.3	0.53 J	1.0 U	10.8	1.0 U	18.4 J	5.2	8.3 J	5.7 J	1.0 U	2.0 U	75
	12/01/16	1.0 U	26.7	0.44 J	1.0 U	18.1	0.49 J	8.4	4.5	4.1	7.1	1.0 U	2.0 U	70
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-03	10/23/96	7.3	1.4	0.2 U	0.2 U	2	0.2 U	0.2 U	0.2	0.2 U	1.3	NA	0.2 U	12
Downgradient Area	11/21/96	7.1	1	0.2 U	0.2 U	2	0.2 U	0.2 U	0.3	0.2 U	0.7	NA	2	13
	7/24/97	7	2 U	1 U	2 U	2	2 U	1 U	1 U	1 U	2 U	NA	2 U	9
	12/16/97	3 U	2 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	2 U	NA	2 U	0
	8/12/98	11	2 J	1 U	2 U	8	2 U	2 U	1 U	1 U	2 U	NA	2 U	21
	11/22/99	8	2 U	1 U	2 U	6	2 U	1 U	1 U	1 U	2 U	NA	2 U	14
	7/12/00	7	5 U	5 U	5 U	8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15
	10/25/00	5 U	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6
	3/28/01	6	5 U	5 U	5 U	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	18
	2/07/02	4.5 J	4.2 J	2 U	2 U	9.8	5 U	5 U	1 U	1 U	2.9	5 U	2 U	21
	5/08/02	2.9 J	0.66 J	2 U	2 U	4.4 J	5 U	5 U	1 U	1 U	2.3	5 U	2 U	10
	8/29/02	4.1 J	5 U	2 U	2 U	1.9 J	5 U	5 U	1 U	1 U	1.8	5 U	2 U	8
	11/13/02	2.5 J	0.089 U	0.49 U	0.57 U	3.2 J	0.18 U	0.094 U	0.39 U	0.16 U	1.2	0.18 U	0.53 U	7
	2/12/03	3.6 J	0.089 U	0.49 U	0.57 U	NA	0.18 U	0.094 U	0.39 U	0.16 U	2.1	0.18 U	0.53 U	6
	5/14/03	2.3	U	U	U	NA	U	U	U	U	1.4	U	U	4
	8/14/03	1.8	U	U	U	NA	U	U	U	U	1.5	U	U	3
	11/12/03	1.5	U	U	U	NA	U	U	U	U	1.5	U	U	3
	2/10/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	5/27/04	U	U	U	U	NA	U	U	U	U	1.3	U	U	1
	8/10/04	U	U	U	U	NA	U	U	U	U	2.4	U	U	2
	10/28/04	U	U	U	U	NA	U	U	U	U	1.1	U	U	1
	12/16/04	U	U	U	U	NA	U	U	U	U	1.2	U	U	1
	3/18/05	1	U	U	U	NA	U	U	U	U	U	U	U	1
	6/22/05	1.7	U	U	U	0.49 J	U	U	U	U	1.6	U	U	4
	9/14/05	1.9	U	U	U	0.89 J	U	U	U	U	1.3	U	U	4
	12/20/05	1.4	U	U	U	1.5	U	U	U	U	1.8	U	U	5
	3/14/06	1.5	1.1	U	U	1.9	U	U	0.42 J	0.55 J	1.7	U	U	7
	6/23/06	1.8	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	2	0.22 U	0.27 U	4
	9/06/06	1.9	U	U	U	U	U	U	U	U	1.5	U	U	3
	12/05/06	1.2	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.88 J	0.22 U	0.27 U	2
	3/13/07	0.95 J	0.23 U	0.33 U	0.29 U	0.62 J	0.42 U	0.28 U	0.28 U	0.29 U	0.87 J	0.22 U	0.27 U	2
	6/12/07	0.67 U	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	0
	9/04/07	0.67 U	0.2 U	0.28 U	0.29 U	0.67 J	0.32 U	0.3 U	0.35 JB	0.26 U	0.36 J	0.25 U	0.21 U	1
	12/14/07	0.98 J	0.2 U	0.28 U	0.29 U	0.75 J	0.32 U	0.3 U	0.65 J	0.26 U	0.99 J	0.25 U	0.21 U	3
	3/12/08	3.4 U	1 U	1.4 U	1.4 U	1.4 U	1.6 U	1.5 U	1.4 U	1.3 U	1.1 U	1.3 U	1.1 U	0
	6/16/08	1.2	0.16 U	0.29 U	0.35 U	1.0	0.16 U	0.24 U	1.4	0.49 J	1.1	0.16 U	0.16 U	5
	9/11/08	0.22 U	0.26 J	0.29 U	0.35 U	0.48 J	0.16 U	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	1
	12/19/08	0.52 J	0.24 U	0.29 U	0.35 U	0.43 J	0.16 U	0.24 U	0.29 U	0.18 U	0.65 J	0.16 U	0.16 U	2
	2/24/09	0.22 U	0.24 U	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	0
	5/11/09	0.22 U	0.24 U	0.29 U	0.35 U	0.55 J	0.16 U	0.24 U	0.29 U	0.18 U	0.74 J	0.16 U	0.16 U	1
	11/09/09	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	0
	2/22/10	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.66 J	0.23 U	0.30 U	1
	5/20/10	0.37 U	0.29 U	0.40 U	0.33 U	0.26 J	0.25 U	0.26 U	0.27 U	0.24 U	0.56 J	0.23 U	0.30 U	1
	8/12/10	0.38 J	0.29 U	0.40 U	0.33 U	0.62 J	0.25 U	0.26 U	0.27 U	0.24 U	0.57 J	0.23 U	0.30 U	2
	11/12/10	0.37 U	0.29 U	0.40 U	0.33 U	0.47 J	0.25 U	0.26 U	0.27 U	0.24 U	0.75 J	0.23 U	0.30 U	1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-03	2/17/11	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	0
Downgradient Area (continued)	6/16/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.48 J	0.21 U	0.20 U	0
	11/03/11	0.37 U	0.19 U	0.28 U	0.18 U	0.44 J	0.31 U	0.24 U	0.32 U	0.21 U	0.51 J	0.21 U	0.20 U	1
	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	8/08/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	2/20/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.23 J	1.0 U	2.0 U	0
	5/15/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.23 J	1.0 U	2.0 U	0
	8/26/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/11/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	2/17/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	5/20/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/06/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.28 J	1.0 U	1.0 U	2.0 U	0
	11/18/14	1.0 U	1.0 U	1.0 U	1.0 U	0.45 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/12/15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	12/02/16	1.0 U	1.0 U	1.0 U	1.0 U	0.84 J	3.1	1.0 U	0.35 J	1.0 U	1.0 U	1.0 U	2.0 U	4
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-04	10/23/96	2.4	13.9	1.3	0.2 U	17.2	0.2 U	0.2 U	0.2 U	0.2 U	1.1	NA	0.2 U	36
Downgradient Area	11/21/96	3.1	13.6	1.2	0.2 U	19	0.2 U	0.2 U	0.3	0.2 U	1	NA	3	41
	7/24/97	3 U	10	1 U	2 U	17	2 U	1 U	1 U	1 U	2 U	NA	2 U	27
	12/16/97	3 U	7	1 U	2 U	20	2 U	1 U	1 U	1 U	2 U	NA	2 U	27
	8/12/98	3 J	7	1 J	2 U	17	2 U	1 U	1 U	1 U	2 U	NA	2 U	28
	11/22/99	4 J	5 J	1 U	2 U	11	2 U	1 U	1 U	1 U	2 U	NA	2 U	20
	7/12/00	6	8	5 U	5 U	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	24
	10/25/00	10	34	5 U	5 U	19	5 U	5 U	5 U	5 U	5 U	5 U	5 U	63
	3/28/01	9	24	5 U	5 U	31	5 U	5 U	5 U	5 U	5 U	5 U	5 U	64
	2/08/02	5 U	1.9 J	2 U	2 U	7.7	5 U	5 U	1 U	1 U	1 U	5 U	2 U	10
	5/08/02	9.4	6.6	1.3 J	2 U	9.6	5 U	5 U	1 U	1 U	2.2	5 U	2 U	29
	8/29/02	14.2	28.2	1.6 J	2 U	11.7	5 U	5 U	1 U	1 U	13	5 U	2 U	69
	11/13/02	26.4	56.9	6.2	0.57 U	32.4	0.18 U	0.094 U	0.39 U	0.52 J	7.4	0.18 U	0.53 U	130
	2/12/03	10.8	21.1	3.6	0.57 U	NA	0.18 U	0.094 U	0.39 U	0.16 U	11.6	0.18 U	0.53 U	47
	5/14/03	21	30.6	3.4	U	NA	U	U	U	0.42 J	8.8	U	U	64
	8/14/03	17	32.2	U	U	NA	U	U	U	U	13.7	U	U	63
	11/12/03	19.9	14.1	1.1	U	NA	U	U	U	U	16.6	U	U	52
	2/10/04	11	8	U	U	NA	U	U	U	U	11.2	U	U	30
	5/27/04	21.7	35.1	2.9	U	NA	U	U	U	0.77 J	21.6	U	U	82
	8/10/04	14.4	12	U	U	NA	U	U	U	U	8.2	U	U	35
	10/28/04	11.4	10.1	U	U	NA	U	U	U	U	4.1	U	U	26
	12/17/04	10.5	8.1	U	U	NA	U	U	U	U	3.8	U	U	22
	3/18/05	9	5	U	U	NA	U	U	U	U	1.6	U	U	16
	6/21/05	14.2	11	U	U	0.99 J	U	U	U	U	3.2	U	U	29
	9/14/05	5.4	3.6	U	U	U	U	U	U	U	1.3 J	U	U	10
	12/20/05	12	10.3	U	U	0.97 J	U	U	U	U	2.3	U	U	26
	3/14/06	6.1	3.3	U	U	0.32 J	U	U	0.39 J	U	1.5	U	U	12
	6/23/06	7.1	4.9	0.33 U	0.29 U	0.37 J	0.42 U	0.28 U	0.28 U	0.29 U	1.3	0.22 U	0.27 U	14
	9/07/06	10.8	7.2	U	U	U	U	U	U	U	2.3	U	U	20
	12/05/06	7.3	4.2	0.33 U	0.29 U	0.66 J	0.42 U	0.28 U	0.28 U	0.29 U	2.2	0.22 U	0.27 U	14
	3/13/07	5	2.9	0.33 U	0.29 U	0.51 J	0.42 U	0.28 U	0.28 U	0.29 U	3.4	0.22 U	0.27 U	12
	6/12/07	7.7	9.4	0.28 U	0.29 U	1.8	0.32 U	0.3 U	0.28 U	0.26 U	2.3	0.25 U	0.21 U	21
	9/05/07	2.5	3.8	0.28 U	0.29 U	0.77 J	0.32 U	0.3 U	0.28 U	0.26 U	0.69 J	0.25 U	0.21 U	8
	12/13/07	4.7	3.8	0.28 U	0.29 U	0.62 J	0.32 U	0.3 U	0.62 J	0.26 U	0.9 J	0.25 U	0.21 U	11
	3/13/08	7	5.9	1.4 U	1.4 U	1.4 U	1.6 U	1.5 U	1.4 U	1.3 U	1.1 U	1.3 U	1.1 U	13
	6/16/08	8.9	7.4	0.29 U	0.35 U	0.26 J	0.28 J	0.24 U	0.97 J	0.2 J	1.8	0.16 U	0.16 U	20
	9/11/08	3.9	2	0.29 U	0.35 U	0.77 J	0.33 J	0.24 U	1.3	0.68 J	0.21 U	0.16 U	0.16 U	9
	12/19/08	1.6	0.96 J	0.29 U	0.35 U	0.72 J	0.16 U	0.24 U	0.29 U	0.18 U	2.3	0.16 U	0.16 U	6
	2/24/09	1.8	0.95 J	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.29 U	0.18 U	0.76 J	0.16 U	0.16 U	4
	5/11/09	3.7	1.7	0.29 U	0.35 U	0.25 U	0.33 J	0.24 U	0.29 U	0.18 U	0.95 J	0.16 U	0.16 U	7
	11/09/09	1.8	0.62 J	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.82 J	0.23 U	0.30 U	3
	2/22/10	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	1.4	0.23 U	0.30 U	1
	5/20/10	0.37 U	0.29 U	0.40 U	0.33 U	0.30 J	0.36 J	0.26 U	0.27 U	0.24 U	1.3	0.23 U	0.30 U	2
	8/12/10	0.51 J	0.37 J	0.40 U	0.33 U	0.53 J	0.34 J	0.26 U	0.27 U	0.24 U	1.1	0.23 U	0.30 U	3
	11/12/10	0.88 J	0.49 J	0.40 U	0.33 U	0.57 J	0.43 J	0.26 U	0.27 U	0.24 U	1.6	0.23 U	0.30 U	4

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-04	2/17/11	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	1.0	0.23 U	0.30 U	1
Downgradient Area (continued)	6/16/11	1.5	2.5	0.28 U	0.18 U	0.22 U	0.67 J	0.24 U	0.32 U	0.21 U	2.9	0.21 U	0.20 U	8
	8/18/11	0.37 U	0.74 J	0.28 U	0.18 U	0.80 J	0.78 J	0.24 U	0.32 U	0.21 U	8.9	0.21 U	0.20 U	11
	11/03/11	0.73 U	0.38 U	0.56 U	0.36 U	0.43 U	0.63 U	0.47 U	0.64 U	0.42 U	4.9	0.41 U	0.40 U	5
	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.25	1.0 U	5.54	1.0 U	5.0 U	11
	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	8/08/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	5.0 U	1
	2/20/13	0.65 J	1.0 U	1.0 U	1.0 U	1.0 U	0.75 J	1.0 U	1.0 U	1.0 U	1.8	1.0 U	2.0 U	3
	5/15/13	0.63 J	0.28 J	1.0 U	1.0 U	1.0 U	0.36 J	1.0 U	1.0 U	1.0 U	2.2	1.0 U	2.0 U	3
	8/26/13	1.0 U	0.22 J	1.0 U	1.0 U	1.0 U	0.29 J	1.0 U	1.0 U	1.0 U	1.8	1.0 U	2.0 U	2
	11/11/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	2.0 U	1
	2/19/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U	2.0 U	1
	5/20/14	2.9	2.6	1.0 U	1.0 U	0.25 J	1.0 U	1.0 U	1.0 U	1.0 U	4.7	1.0 U	2.0 U	10
	8/06/14	1.0 U	0.76 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	2.0 U	2
	11/18/14	1.0 U	2.2	1.0 U	1.0 U	1.4	0.85 J	1.0 U	1.0 U	1.0 U	7.7	1.0 U	2.0 U	12
	11/12/15	1.0 U	0.24 J	1.0 U	1.0 U	0.47 J	1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	2.0 U	3
	12/02/16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	1.0 U	1.0 U	3.2	1.0 U	2.0 U	5
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-07D	7/11/00	5 U	140	46	5 U	37	5 U	5 U	9	14	5 U	5 U	5 U	246
MW-02 Area	10/26/00	5 U	140	41	5 U	37	5 U	5 U	5 U	10	5 U	5 U	5	233
	3/28/01	5 U	190	42	5 U	36	5 U	5 U	5 U	8	5 U	5 U	5 U	276
	8/09/01	18	380	100	5 U	140	5 U	15	9	40	5 U	5 U	5 U	702
	9/19/01	11	290	68	5 U	120	5 U	10	5 U	27	5 U	5 U	5 U	526
	11/16/01	6	210	33	5 U	71	5 U	6	5 U	16	5 U	5 U	5 U	342
	2/07/02	15.3	415	117	0.9 J	145	5 U	10	9.9	42.4	4.5	5 U	2 U	760
	5/07/02	8.7	207	68	1 J	84.5	5 U	5.5	7.9	31	3.4	5 U	2 U	417
	8/28/02	15.2	267	76.7	0.82 J	124	5 U	9	6.9	34.8	3.5	5 U	2 U	538
	11/13/02	20.7	320	99.7	0.57 U	187	0.18 U	12.8	11.7	49.1	3.7	0.18 U	0.53 U	705
	2/12/03	9.7	275	68.7	0.94 J	NA	0.18 U	8.6	9.8	42	2.8	0.18 U	0.53 U	418
	5/14/03	11.2	227	64.9	U	NA	U	12.2	7.5	41.2	2.9	U	U	367
	8/13/03	8.4	237	51.1	U	NA	U	5.9	5.4	28.4	2.4	U	U	339
	11/12/03	U	104	26.3	U	NA	U	0.64 J	3.3	13.8	1.3	U	U	149
	2/10/04	U	107	19.9	U	NA	U	U	3.3	11.1	0.9 J	U	U	142
	5/27/04	10.5	220	58.1	U	NA	U	7.1	7.6	39	6	U	U	348
	8/10/04	5.6	161	27.7	U	NA	1	3	4.1	22.3	3.9	U	U	229
	10/28/04	5.3	175	32.3	U	NA	U	3.2	3.7	21.4	2.9	U	U	244
	12/16/04	7.2	176	47.8	U	NA	U	3.4	6	31.4	7.3	U	U	279
	3/18/05	26.5	113	28.6	U	NA	1.6	77.8	11.4	96.6	40	U	U	396
	6/22/05	2.1	155	34.3	U	81.6	1.9	1.6	5.9	30.5	7.4	U	U	320
	9/13/05	2.3	145	26	U	71.2	U	0.5 J	3.7	19.4	4	U	U	272
	12/20/05	U	147	31.2	U	81.3	0.54 J	U	4.3	23.2	5	U	U	293
	3/14/06	1.2	119	U	U	56.3	U	U	3	13.6	2.5	U	U	196
	6/23/06	0.56 U	125	30.7	0.29 U	67	0.42 U	0.28 U	4.1	21.2	7.1	0.22 U	0.27 U	255
	9/07/06	2.1	162	34.5	U	87.2	0.58 J	U	4.3	21	10.1	U	U	322
	12/05/06	0.56 U	99.5	13.2	0.29 U	38.5	0.42 U	0.28 U	1.6	10.6	1.9	0.22 U	0.27 U	165
	3/13/07	0.56 U	136	24.9	0.29 U	59.4	0.42 U	0.28 U	2.7	15	3.7	0.22 U	0.27 U	242
	6/12/07	0.67 U	112	25.7	0.29 U	67.1	0.72 J	0.3 U	4	16.6	6.7	0.25 U	0.21 U	233
	9/05/07	0.67 U	119	28.1	0.29 U	66.9	0.32 U	0.3 U	4.1	16.6	7.0	0.25 U	0.21 U	242
	12/14/07	0.67 U	121	31.8	0.29 U	64.8	0.51 J	0.3 U	7.9	21.0	5.5	0.25 U	0.21 U	253
	3/12/08	0.67 U	115	19.4	0.29 U	47.7	0.33 J	0.3 U	3.5	14.3 B	3.4	0.25 U	0.21 U	204
	9/11/08	0.52 J	94.4	19.3	0.35 U	41	0.35 J	0.24 U	2.5	14.6	3.6	0.16 U	0.16 U	176
	12/19/08	0.22 U	78.1	19.1	0.35 U	37.9	0.16 U	0.24 U	1.6 B	12.3	3.3	0.16 U	0.16 U	152
	2/24/09	0.22 U	83.0	22.8	0.35 U	41.0	0.16 U	0.24 U	3.7	16.4	3.9	0.16 U	0.16 U	171
	5/11/09	0.22 U	87.0	9.5	0.35 U	29.3	0.16 U	0.31 J	1.7	6.3	1.5	0.16 U	0.16 U	136
	11/09/09	0.37 U	69.1	17.0	0.33 U	37.5	0.25 U	0.26 U	3.0	11.7	2.8	0.23 U	0.30 U	141
	8/12/10	0.37 U	105.0	25.5 B	0.33 U	48.3	0.43 J	0.26 U	4.1	18.2	3.7	0.23 U	0.30 U	205
	11/12/10	0.37 U	119.0	34.8	0.33 U	67.1	0.68 J	0.26 U	8.0	25.1	6.1	0.23 U	0.30 U	261
	2/17/11	0.37 U	100.0	25.6	0.33 U	52.8	0.25 U	0.26 U	5.8	22.2	4.3	0.23 U	0.30 U	211
	6/16/11	0.37 U	63.8	8.1	0.18 U	23.2	0.31 U	0.24 U	3.9	8.9	1.2	0.21 U	0.20 U	109
	11/03/11	0.37 U	71.8	18.9	0.18 U	39.3	0.31 U	0.24 U	4.0	17.7	3.4	0.21 U	0.20 U	155
	2/15/12	1.0 U	56.8	12.2	1.0 U	25.5	1.0 U	1.0 U	4.04	12.8	2.57	1.0 U	5.0 U	114
	5/16/12	1.0 U	41.4	2.82	1.0 U	20.6	1.0 U	1.0 U	1.0 U	10.6	1.0 U	1.0 U	5.0 U	75
	8/08/12	1.0 U	37.2	3.03	1.0 U	10.4	1.0 U	1.0 U	2.66	4.48	1.0 U	1.0 U	5.0 U	58

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-07D	2/20/13	1.0 U	41.1	5.4	1.0 U	13.9	1.0 U	0.48 J	0.59 J	6.3	0.49 J	1.0 U	2.0 U	68
MW-02 Area	5/15/13	1.0 U	32.7	2.5	1.0 U	7.4	1.0 U	0.26 J	0.49 J	5.3	1.0 U	1.0 U	2.0 U	49
(continued)	8/26/13	1.0 U	26.7	1.8	1.0 U	4.8	1.0 U	1.0 U	0.33 J	4.7	1.0 U	1.0 U	2.0 U	38
	11/11/13	1.0 U	32.6	2.6	1.0 U	8.5	1.0 U	1.0 U	0.25 J	5.4	1.0 U	1.0 U	2.0 U	49
	2/17/14	1.0 U	29.9	2.1	1.0 U	5.9	1.0 U	1.0 U	1.0 U	4.5	1.0 U	1.0 U	2.0 U	42
	5/20/14	1.0 U	25.6	1.2	1.0 U	5.6	1.0 U	1.0 U	1.0 U	2.8	1.0 U	1.0 U	2.0 U	35
	8/06/14	1.0 U	22.2	0.5 J	1.0 U	3.8	1.0 U	1.0 U	1.0 U	1.1	1.0 U	1.0 U	2.0 U	28
	11/18/14	1.0 U	20.2	0.62 J	1.0 U	2.1	1.0 U	1.0 U	1.0 U	0.47 J	1.0 U	1.0 U	2.0 U	23
	11/12/15	0.38 J	20.3	1.0 U	1.0 U	1.6	1.0 U	1.0 U	1.0 U	0.72 J	1.0 U	1.0 U	2.0 U	23
	12/02/16	1.0 U	7.6	1.0 U	1.0 U	0.32 J	2.4	1.0 U	0.41 J	1.0 U	1.0 U	1.0 U	2.0 U	11
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-07S	11/22/99	170	1300	280	3 J	560	4 J	800	130	290	3 J	NA	2 J	3542
MW-02 Area	7/11/00	130	1100	200	5 U	590	5 U	730	130	340	5 U	5 U	5 U	3220
	10/26/00	140	1100	200	5 U	690	5 U	740	100	480	5 U	5 U	5	3455
	3/28/01	190	1300	190	5 U	970	5 U	920	130	360	5 U	5 U	5 U	4060
	8/09/01	170	1400	150	5 U	1100	5 U	670	89	520	5 U	5 U	5 U	4099
	9/20/01	290	1500	140	5 U	1500	5 U	670	74	500	5 U	5 U	5 U	4674
	11/16/01	180	1400	97	10 U	1200	10 U	680	52	380	10 U	10 U	10 U	3989
	2/07/02	169	1230	119	10 U	1110	2.9 J	565	60.1	265	5 U	25 U	10 U	3521
	5/13/02	154	912	88.8	4.3 J	752	3.4 J	597	46.3	223	5.8	25 U	10 U	2787
	8/28/02	130	853	66.9	10 U	795	25 U	437	24.2	294	5 U	25 U	10 U	2600
	11/13/02	130	894	94.7	2.8 U	866	0.92 U	508	27.4	331	3.8 U	0.92 U	2.7 U	2851
	2/12/03	79.4	762	75.8	3 J	NA	2.3 J	452	34.4	321	5.8	0.46 U	1.3 U	1736
	5/14/03	125	834	64.4	U	NA	3 J	440	20.1	295	13.5	2.6 J	U	1798
	8/13/03	89.2	791	64.1	U	NA	3	450	14.7	310	12.2	U	U	1734
	11/12/03	10.3	184	7.4	0.62 J	NA	U	81.1	7.5	40.7	1	U	U	333
	2/10/04	3	96.5	2.9	U	NA	U	21.9	4.3	5.4	4.7	U	U	139
	5/27/04	97.9	529	40.1	U	NA	1.8 J	345	8.1	189	76.2	U	U	1287
	8/10/04	71.2	317	20.2	1.1 J	NA	2.4 J	159	2.8	116	60.9	U	U	751
	10/28/04	73.5	304	32.6	U	NA	3.3	284	4.3	240	99.2	U	U	1041
	12/16/04	48.2	244	33.6	U	NA	3.1	172	2.7	198	71.3	U	U	773
	3/18/05	58	237	53.7	0.97 J	NA	3.1	167	24.2	193	80.4	U	U	817
	6/22/05	44.4	178	28	U	245	3.3	110	2.3	164	83.5	U	U	859
	9/14/05	27	151	22.9	0.58 J	254	2.3	66.8	0.9 J	133	54.6	U	U	713
	12/20/05	27.3	153	47.8	0.45 J	231	2.3	77.3	22.2	102	65.4	U	U	729
	3/14/06	20.5	130	46.3	U	166	1.6	58.3	21.5	72.6	53.8	U	U	571
	6/23/06	16.4	86.4	22.7	0.29 U	141	1.2	62.6	1.8	75.1	54.5	0.22 U	0.27 U	462
	9/07/06	17.5	126	48.9	U	145	1.6	79	19.7	50.6	62.6	U	U	551
	12/05/06	7.6	89.8	35.4	0.29 U	94.7	1.5	58.1	15.2	46	39.4	0.22 U	0.27 U	388
	3/13/07	6.1	95.9	44.3	0.29 U	93.5	1.1	52.9	25.6	37.9	33.8	0.22 U	0.27 U	391
	6/12/07	4.4	59.5	12.2	0.29 U	93.1	0.97 J	28.6	0.28 U	22.2	35	0.25 U	0.21 U	256
	9/05/07	0.67 U	66.3	16.2	0.29 U	94	0.89 J	28.2	0.36 J	22.1	31.8	0.25 U	0.21 U	260
	12/14/07	0.91 J	73.9	27.5	0.29 U	78.9	0.85 J	38.2	14.6	19.6	22.9	0.25 U	0.21 U	277
	3/12/08	0.88 J	100	49.6	0.29 U	70.6	1.1	59.8	36.7	22.8 B	22.1	0.25 U	0.21 U	364
	9/11/08	0.22 U	15.2	3.3	0.35 U	33.5	0.33 J	3.1	0.38 J	2.2	2.8	0.16 U	0.16 U	61
	12/19/08	0.22 U	41.2	15.6	0.35 U	53.1	0.16 U	24.0	3.4 B	13.1	13.9	0.16 U	0.16 U	164
	2/24/09	0.22 U	119.0	72.4	0.35 U	65.3	0.78 J	70.1	37.1	24.8	15.2	0.16 U	0.16 U	405
	5/11/09	0.22 U	69.9	26.0	0.35 U	73.5	0.62 J	29.4	15.2	23.9	17.7	0.16 U	0.16 U	256
	11/09/09	0.37 U	24.8	5.7	0.33 U	55.8	0.44 J	8.8	0.35 J	13.6	11.5	0.23 U	0.30 U	121
	8/12/10	0.37 U	26.4	5.7 B	0.33 U	58.6	0.71 J	7.2	0.27 U	8.9	12.7	0.23 U	0.30 U	120
	11/12/10	0.37 U	50.7	22.8	0.33 U	86.8	0.93 J	18.0	3.7	20.6	17.5	0.23 U	0.30 U	221
	2/17/11	0.37 U	113	68.9	0.33 U	54.3	0.40 J	51.2	53.3	26.5	7.5	0.23 U	0.30 U	375
	6/16/11	0.37 U	32.9	11.6	0.18 U	64.0	0.80 J	14.3	6.3	15.2	15.7	0.21 U	0.20 U	161
	11/03/11	0.37 U	32.0	12.6	0.18 U	57.9	0.46 J	10.2	4.0	17.5	10.2	0.21 U	0.20 U	145
	2/15/12	1.0 U	51.9	21.8	1.0 U	54.7	1.48	12.4	15.2	15.1	11.4	1.0 U	5.0 U	184
	5/16/12	1.0 U	31.2	8.75	1.0 U	43.8	1.31	7.44	9.06	10.6	9.56	1.0 U	5.0 U	122

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-07S	8/08/12	1.0 U	21.7	3.83	1.0 U	55.5	1.0 U	6.95	1.41	5.12	11.0	1.0 U	5.0 U	106
MW-02 Area	2/20/13	1.0 U	77.4	43.1	1.0 U	45.3	1.0 U	23.4	31.7	13.4	7.3	1.0 U	2.0 U	242
(continued)	5/15/13	1.0 U	28.2	14.8	1.0 U	33.4	0.38 J	13.8	21.8	11.6	7.4	1.0 U	2.0 U	131
	8/26/13	1.0 U	15.5	3.4	1.0 U	33.7	0.28 J	3.9	1.1	10.2	7.9	1.0 U	2.0 U	76
	11/11/13	1.0 U	25.8	10.4	1.0 U	43.0	1.0 U	7.9	7.5	12.1	11.0	1.0 U	2.0 U	118
	2/17/14	1.0 U	85.8	55.0	1.0 U	30.7	1.0 U	29.8	57.7	24.0	9.8	1.0 U	2.0 U	293
	5/20/14	1.0 U	50.1	30.2	1.0 U	41.1	1.0 U	17.8	40.1	22.4	10.0	1.0 U	2.0 U	212
	8/06/14	1.0 U	33.2	8.1	1.0 U	46.0	1.0 U	12.4	1.0	18.1	10.2	1.0 U	2.0 U	129
	11/18/14	1.0 U	29.1	7.7	1.0 U	32.2	0.61 J	4.8	1.0	7.6	9.1	1.0 U	1.0 U	92
	11/12/15	1.0 U	51.4	5.8	1.0 U	39.7	1.0 U	6.2	1.5	17.7	9.9	1.0 U	2.0 U	132
	12/02/16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.6	3
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-08D	7/11/00	5 U	37	7	5 U	66	5 U	5 U	140	14	5 U	6	5 U	270
MW-01 Area	10/24/00	2 U	34	5	1 U	60	1 U	4 J	79	10	1 U	2 J	2 U	194
	3/27/01	5 U	38	5 U	5 U	34	5 U	5 U	22	5 U	5 U	5 U	5 U	94
	8/08/01	5 U	41	5 U	5 U	40	5 U	5 U	21	5 U	5 U	5 U	5 U	102
	9/20/01	5 U	29	5 U	5 U	31	5 U	5 U	11	5 U	5 U	5 U	5 U	71
	11/16/01	5 U	19	5 U	5 U	16	5 U	5 U	5 U	5 U	5 U	5 U	5 U	35
	2/06/02	5 U	30.6 J	1.9	2 U	24.7	5 U	3.6 J	24.2	2.6	1 U	5 U	2 U	88
	5/10/02	5 U	42	3	2 U	41.6	1.1 J	9	56.6	8.5	1.2 U	5 U	2 U	162
	8/29/02	5 U	17.5	1.5 J	2 U	17.1	5 U	1.9 J	23	3.2	1 U	5 U	2 U	64
	11/12/02	0.65 U	25.6	2.4	0.57 U	34.8	0.18 U	7.1	44.3	7.4	0.77 U	0.18 U	0.53 U	122
	2/11/03	0.65 U	17	3.6	0.57 U	NA	0.18 U	0.094 U	9.7	3.2	0.77 U	0.18 U	0.53 U	34
	5/14/03	U	15.5	1.1	U	NA	U	0.92 J	12.4	1.7	U	U	U	32
	8/13/03	U	14.5	1.4	U	NA	U	2.6	23.5	2.8	U	U	U	45
	11/11/03	U	14.1	1.6	U	NA	U	5.1	40.8	5.4	U	U	U	67
	2/09/04	U	15.6	U	U	NA	0.75 J	U	8.3	2.9	1.2	U	U	29
	5/27/04	U	12.5	1.2	U	NA	U	U	29.2	4.2	U	U	U	47
	8/09/04	U	12.5	U	U	NA	U	2.5	40.8	5.8	U	U	U	62
	10/27/04	U	18.9	0.83 J	U	NA	U	U	31.5	9.2	U	U	U	60
	12/16/04	U	29.8	U	U	NA	U	U	7.4	7.5	U	U	U	45
	3/17/05	U	18.3	U	U	NA	U	U	9.5	2.7	28.5	U	U	59
	6/20/05	U	8.9	U	U	14.1	U	U	U	0.76 J	2.4	U	U	26
	9/12/05	U	9.6	U	U	2.7	U	U	2.1	11.1	6.6	U	U	32
	12/19/05	U	27.8	U	U	0.3 J	0.94 J	U	0.47 J	0.26 J	8.2	U	U	38
	3/13/06	0.95 J	25.3	U	U	U	0.7 J	U	U	U	U	U	U	27
	6/22/06	0.65 J	22.1	0.33 U	0.29 U	1.5	0.54 J	0.67 J	0.28 U	6.0	3.8	0.22 U	0.27 U	35
	9/06/06	U	25.3	U	U	5.7	0.72 J	1.7	6.3	11.3	7.8	U	U	59
	12/04/06	0.56 U	19.2	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	19
	3/12/07	0.56 U	18.9	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	19
	6/11/07	0.67 U	15.2	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	15
	9/04/07	0.67 U	15.9	0.28 U	0.29 U	1.2	0.32 U	0.3 U	0.28 U	0.26 U	0.71 J	0.25 U	0.21 U	18
	12/12/07	0.67 U	29.6	0.28 U	0.29 U	9.0	4.0	1.6	1.8	5.9	36.8	0.25 U	0.21 U	89
	3/12/08	0.67 U	26.4	0.28 U	0.29 U	1.5	3.1	0.55 J	0.39 J	2.5 B	1.7	0.25 U	0.21 U	36
	6/16/08	0.22 U	15.3	0.29 U	0.35 U	0.19 U	0.58 J	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	16
	9/11/08	0.22 U	12.2	0.29 U	0.35 U	0.53 J	0.67 J	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	13
	2/22/10	0.37 U	6.5	0.40 U	0.33 U	0.22 U	0.25 U	0.41 J	0.27 U	0.24 U	0.44 U	0.32 J	0.30 U	7
	5/20/10	0.37 U	10.8	0.40 U	0.33 U	17.7	0.79 J	0.26 U	17.9	5.0	0.44 U	0.23 U	0.30 U	52
	8/12/10	0.37 U	11.2	1.1 B	0.33 U	45.3	2.5	0.39 J	62.3	14.3	0.44 U	0.23 U	0.30 U	137
	11/12/10	0.37 U	14.0	0.98 J	0.33 U	73.6	3.5	0.60 J	79.1	20.9	0.44 U	0.23 U	0.30 U	193
	2/17/11	0.37 U	9.5	0.40 U	0.33 U	57.6	2.5	0.26 U	51.6	14.4	0.44 U	0.23 U	0.30 U	136
	6/16/11	0.37 U	10.5	0.69 J	0.18 U	61.3	3.5	0.24 U	45.1	14.6	0.27 U	0.21 U	0.20 U	136
	8/18/11	0.37 U	10.1	0.59 J	0.18 U	59.3	5.9	0.24 U	50.6	14.5	0.27 U	0.21 U	0.20 U	141
	11/03/11	0.37 U	8.6	0.87 J	0.18 U	65.7	3.4	0.24 U	55.4	15.7	0.27 U	0.21 U	0.20 U	150
	2/15/12	1.0 U	8.44	1.0 U	1.0 U	48.6	2.88	1.0 U	44.5	12.6	1.0 U	1.0 U	5.0 U	117
	5/16/12	1.0 U	6.75	1.0 U	1.0 U	32.5	6.25	1.0 U	44.1	9.56	1.0 U	1.0 U	5.0 U	99
	8/09/12	1.0 U	7.55	1.0 U	1.0 U	47.3	3.30	1.0 U	50.9	11.50	1.0 U	1.0 U	5.0 U	121

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-08D	11/05/12	1.0 U	6.28	1.0 U	1.0 U	37.8	2.04	1.0 U	44.9	9.71	1.0 U	1.0 U	5.0 U	101
MW-01 Area	2/21/13	1.0 U	6.5	0.40 J	1.0 U	37.0	1.6	1.0 U	31.8	8.6	1.0 U	1.0 U	2.0 U	86
(continued)	5/15/13	1.0 U	5.4	0.32 J	1.0 U	29.4	1.5	1.0 U	34.4	9.3	1.0 U	1.0 U	2.0 U	80
	8/26/13	1.0 U	5.2	1.0 U	1.0 U	32.7	2.2	1.0 U	36.0	8.6	1.0 U	1.0 U	2.0 U	85
	11/11/13	1.0 U	5.4	1.0 U	1.0 U	37.5	1.2	1.0 U	44.8	10.1	1.0 U	1.0 U	2.0 U	99
	2/17/14	1.0 U	3.8	1.0 U	1.0 U	23.2	0.8 J	1.0 U	34.4	7.1	1.0 U	1.0 U	2.0 U	69
	5/20/14	1.0 U	3.4	1.0 U	1.0 U	29.6	1.1	1.0 U	30.6	7.7	1.0 U	1.0 U	2.0 U	72
	8/06/14	1.0 U	3.5	1.0 U	1.0 U	28.7	0.61 J	1.0 U	30.0	7.5	1.0 U	1.0 U	2.0 U	70
	11/17/14	1.0 U	3.6	1.0 U	1.0 U	28.6	0.85 J	1.0 U	32.5	7.1	1.0 U	1.0 U	2.0 U	73
	11/12/15	1.0 U	2.4	1.0 U	1.0 U	20.3	1.0 U	1.0 U	20.1	4.4	1.0 U	1.0 U	2.0 U	47
	12/01/16	1.0 U	0.97 J	1.0 U	1.0 U	8.2	1.0 U	1.0 U	8.4	1.6	1.0 U	1.0 U	2.0 U	19
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-08S	7/11/00	5 U	85	21	5 U	180	6	120	390	30	5 U	5 U	5 U	832
MW-01 Area	10/25/00	5 U	96	25	5 U	230	11	130	500	35	5 U	5 U	5 U	1027
	3/27/01	5 U	120	24	5 U	290	14	140	440	35	5 U	5 U	5 U	1063
	8/08/01	5 U	94	19	5 U	280	7	99	330	28	5 U	5 U	5 U	857
	9/20/01	5 U	81	5	5 U	210	9	24	62	10	5 U	5 U	5 U	401
	11/16/01	5 U	100	9	5 U	240	12	70	190	45	5 U	5 U	5 U	666
	2/06/02	5 U	29.7	3.4	2 U	36.9	5 U	15.5	84.6	6.9	1 U	5 U	2 U	177
	5/10/02	5 U	3.4 J	2 U	2 U	4.7 J	5 U	1.4 J	7.2	0.77 J	1.2 U	5 U	2 U	17
	8/29/02	5 U	98.9	11.2	2 U	210	8.1	69.8	247	53.1	1 U	5 U	2 U	698
	11/12/02	0.65 U	26.1	2.5	0.57 U	36.8	0.18 U	10.6	65.5	8.7	0.77 U	0.18 U	0.53 U	150
	2/11/03	0.65 U	79.9	10.6	0.57 U	NA	9.2	62.7	201	40.1	0.77 U	0.18 U	0.53 U	404
	5/14/03	U	13.6	1.6	U	NA	0.41 J	3.2	66.1	6.6	U	U	U	92
	8/13/03	U	60.7	7.6	U	NA	3.6	35.5	233	27.7	U	U	U	368
	11/11/03	U	33.5	3.7	U	NA	1.5	19.5	144	16	U	U	U	218
	2/09/04	U	79.2	9.9	U	NA	12.1	52.9	310	47.5	0.95 J	U	U	513
	5/27/04	U	71.2	8.5	U	NA	5.9	49.1	344	47.7	U	U	U	526
	8/09/04	U	76.6	7.6	U	NA	6.9	41.5	362	56.7	U	U	U	551
	10/27/04	U	91.1	4.3	U	NA	13	28.7	112	51	1.3	2.2	U	304
	12/16/04	U	64.3	4.2	U	NA	3.7	35.7	143	35.2	U	U	U	286
	3/17/05	U	63.8	6.8	U	NA	7.6	18	224	94.1	4.9	U	U	419
	6/20/05	U	43.9	2.2	U	186	5.1	14.3	182	31.5	U	U	U	465
	9/12/05	U	76.1	8.2	U	276	18.5	35.9	380	75.7	1.8	U	U	872
	12/19/05	U	57.7	5.6	U	253	8.4	28.7	349	65.1	0.7 J	U	U	768
	3/13/06	U	53.8	U	U	233	11.7	17.8	263	59	U	U	U	638
	6/22/06	1.1 U	37.9	3.4	0.59 U	179	5.9	16.2	246	50.9	0.58 U	0.43 U	0.53 U	539
	9/06/06	U	44.9	3.8	U	212	8.9	16.7	255	55.4	U	U	U	597
	12/05/06	0.56 U	48.5	6.1	0.29 U	228	15.7	16.1	202	77.9	2	0.22 U	0.27 U	596
	3/12/07	0.56 U	44.4	5.5	0.29 U	206	12.5	16.7	277	84.5	1.6	0.22 U	0.27 U	648
	6/11/07	1.3 U	34.3	3.4	0.57 U	190	11.1	10.8	239	58.8	1.5 J	0.51 U	0.42 U	549
	9/04/07	1.3 U	34.9	3.6	0.57 U	180	9.1	12.1	219 B	70.2	1.3 J	0.51 U	0.42 U	530
	12/12/07	0.67 U	36.5	3.1	0.29 U	198	8.4	13.5	237	98.4	1.4	0.54 J	0.21 U	597
	3/11/08	0.67 U	34.1	3.7	0.29 U	179	15	9.2	197	71 B	1.9	1	0.21 U	512
	6/16/08	0.22 U	28.6	2.5	0.35 U	177	10.8	9.6	281	75.6	1.7	1.5	0.16 U	588
	9/11/08	0.22 U	25.1	2.3	0.35 U	167	11.5	6.8	155	97.1	0.65 J	0.82 J	0.16 U	466
	12/19/08	0.22 U	19.3	1.9	0.35 U	133	4.6	9	182 B	64.7	0.21 U	0.64 J	0.16 U	415
	2/24/09	0.22 U	23.1	2.1	0.35 U	156	8.0	7.2	135	94.4	1.4	0.16 U	0.16 U	427
	5/11/09	0.22 U	29.7	2.5	0.35 U	193	8.5	8.2	173	104	1.6	0.42 J	0.16 U	521
	8/11/09	0.37 U	23.6	2.1	0.33 U	180	8.7	7.3	214	87.9	1.2	0.35 J	0.30 U	525
	11/09/09	0.37 U	19.1	1.6	0.33 U	141	7.3	5.1	175	79.2	0.7 J	0.23 U	0.30 U	429
	2/22/10	0.37 U	20.3	2.4	0.33 U	172	7.7	6.7	210	101	0.88 J	0.30 J	0.30 U	521
	5/20/10	0.37 U	15.5	1.6	0.33 U	144	9.2	3.5	130	69.4	1.1	0.23 J	0.30 U	375
	8/12/10	0.37 U	15.3	2.0 B	0.33 U	120	5.2	4.5	200	76.7	0.66 J	0.26 J	0.30 U	425
	11/12/10	0.37 U	20.3	2.4	0.33 U	168	6.6	5.2	184	85.4	0.99 J	0.28 J	0.30 U	473
	2/17/11	0.37 U	16.6	1.5	0.33 U	157	6.4	5.1	166	68.6	0.72 J	0.23 U	0.30 U	422
	6/16/11	0.37 U	15.2	1.7	0.18 U	144	12.2	0.24 U	118	57.2	1.8	0.21 U	0.20 U	350

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-08S	8/18/11	0.37 U	13.1	1.5	0.18 U	128	10.5	1.8	88.7	46.0	1.6	0.21 U	0.20 U	291
MW-01 Area	11/03/11	0.37 U	11.6	1.4	0.18 U	161	13.2	1.1	55.7	44.6	1.9	0.21 U	0.20 U	291
(continued)	2/15/12	1.0 U	10.6	1.17	1.0 U	107	9.04	2.37	116	44.4	1.0 U	1.0 U	5.0 U	291
	5/16/12	1.0 U	11.4	1.0 U	1.0 U	107	5.03	3.00	190	64.0	1.0 U	1.0 U	5.0 U	380
	8/09/12	1.0 U	15.4	1.37	1.0 U	160	6.61	4.60	276	89.3	1.13	1.0 U	5.0 U	554
	11/05/12	1.0 U	15.0	1.2	1.0 U	142	8.18	3.24	247	110.0	1.21	1.0 U	5.0 U	528
	2/21/13	1.0 U	14.4	1.5	1.0 U	167	5.0	3.8	215	73.0	0.99 J	1.0 U	2.0 U	481
	5/15/13	1.0 U	13.9	1.1	1.0 U	134	9.0	2.3	162	61.2	1.4	1.1	2.0 U	386
	8/26/13	1.0 U	13.5	1.1	1.0 U	151	7.7	1.7	165	58.6	0.82 J	0.52 J	2.0 U	400
	11/11/13	1.0 U	14.1	1.1	1.0 U	178	7.0	2.6	160	74.9	0.86 J	1.0 U	2.0 U	439
	2/17/14	1.0 U	11.6	0.98 J	1.0 U	121	4.0	2.7	204	70.8	0.86 J	1.0 U	2.0 U	416
	5/20/14	1.0 U	12.1	0.86 J	1.0 U	168	7.6	2.0	199	67.0	1.2	1.0 U	2.0 U	458
	8/06/14	1.0 U	10.8	0.84 J	1.0 U	132	4.3	2.0	183	61.9	0.66 J	1.0 U	2.0 U	396
	11/17/14	1.0 U	6.4	0.73 J	1.0 U	79.3	2.0	0.74 J	57.7	75.3	0.35 J	1.0 U	2.0 U	223
	11/12/15	1.0 U	8.1	0.63 J	1.0 U	89.9	2.0	1.20	145	57.2	1.0 U	1.0 U	2.0 U	304
	12/01/16	1.0 U	10	0.8 J	1.0 U	153	6.3	0.91 J	111	67.6	1.1	1.0 U	2.0 U	351
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-09D	7/10/00	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	0
	10/23/00	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	0
	3/27/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	8/09/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	9/20/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	11/16/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	2/07/02	5 U	5 U	2 U	2 U	0.55 J	5 U	5 U	1 U	1 U	1 U	5 U	2 U	1
	5/10/02	5 U	5 U	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1.2 U	5 U	2 U	0
	8/28/02	5 U	5 U	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1 U	5 U	2 U	0
	11/12/02	0.65 U	0.089 U	0.49 U	0.57 U	0.18 U	0.18 U	0.094 U	0.39 U	0.16 U	0.77 U	0.18 U	0.53 U	0
	2/11/03	0.65 U	0.089 U	0.49 U	0.57 U	NA	0.18 U	0.094 U	0.39 U	0.16 U	0.77 U	0.18 U	0.53 U	0
	5/15/03	U	U	U	U	NA	U	U	0.78 J	U	U	U	U	1
	8/14/03	U	0.96 J	U	U	NA	U	U	1.7	U	U	U	U	3
	11/11/03	U	0.88 J	U	U	NA	U	U	1.6	U	U	U	U	2
	2/11/04	U	0.71 J	U	U	NA	U	U	1.2	U	U	U	U	2
	5/27/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	8/09/04	U	0.75 J	U	U	NA	U	U	1.1	U	U	U	U	2
	10/27/04	U	U	U	U	NA	U	U	0.97 J	U	U	U	U	1
	12/16/04	U	0.86 J	U	U	NA	U	U	1.8	U	U	U	U	3
	3/18/05	U	U	U	U	NA	U	U	0.62 J	U	U	U	U	1
	6/21/05	U	U	U	U	U	U	U	0.54 J	U	U	U	U	1
	9/13/05	U	0.46 J	U	U	0.49 J	U	U	0.76 J	U	U	U	U	2
	12/21/05	U	0.47 J	U	U	0.52 J	U	U	0.89 J	U	U	U	U	2
	3/15/06	U	U	U	U	0.4 J	U	U	0.79 J	U	U	U	U	1
	6/21/06	0.56 U	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	9/05/06	U	U	U	U	U	U	U	U	U	U	U	U	0
	12/04/06	0.56 U	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	3/12/07	0.56 U	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	6/12/07	0.67 U	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.32 J	0.26 U	0.22 U	0.25 U	0.21 U	0
	9/05/07	0.67 U	0.37 J	0.28 U	0.29 U	0.65 J	0.32 U	0.3 U	1.3	0.26 U	0.22 U	0.25 U	0.21 U	2
	12/12/07	0.67 U	3.2	0.28 U	0.29 U	10.1	0.32 U	1.2	22.9	2.1	0.22 U	0.25 U	0.21 U	40
	3/11/08	0.67 U	0.5 J	0.28 U	0.29 U	1.5	0.32 U	0.3 U	5.1	0.42 JB	0.22 U	0.25 U	0.21 U	8
	6/16/08	0.22 U	1.3	0.29 U	0.35 U	3.7	0.16 U	0.24 U	10.9	0.96 J	0.21 U	0.16 U	0.16 U	17
	9/11/08	0.22 U	1.3	0.29 U	0.35 U	2.6	0.16 U	0.37 J	8.8	0.18 U	0.21 U	0.16 U	0.16 U	13
	12/19/08	0.22 U	1.3	0.29 U	0.35 U	2.8	0.16 U	0.24 U	7.9 B	0.74 J	0.21 U	0.16 U	0.16 U	13
	2/24/09	0.22 U	0.24 U	0.29 U	0.35 U	1.4	0.16 U	0.24 U	6.3	0.18 U	0.21 U	0.16 U	0.16 U	8
	5/11/09	0.22 U	0.32 J	0.29 U	0.35 U	1.0	0.16 U	0.24 U	4.0	0.32 J	0.21 U	0.16 U	0.16 U	6
	8/11/09	0.37 U	0.45 J	0.40 U	0.33 U	1.4	0.25 U	0.26 U	6.7	0.24 U	0.44 U	0.23 U	0.30 U	9
	11/09/09	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.73 J	0.24 U	0.44 U	0.23 U	0.30 U	1
	2/22/10	0.37 U	1.3	0.40 U	0.33 U	3.0	0.25 U	0.26 U	6.9	0.59 J	0.44 U	0.23 U	0.30 U	12
	5/20/10	0.37 U	0.36 J	0.40 U	0.33 U	1.2	0.25 U	0.26 U	5.0	0.32 J	0.44 U	0.23 U	0.30 U	7
	8/12/10	0.37 U	0.81 J	0.40 U	0.33 U	2.5	0.25 U	0.26 U	5.8	0.56 J	0.44 U	0.23 U	0.30 U	10
	11/12/10	0.37 U	1.6	0.40 U	0.33 U	7.6	0.25 U	0.26 U	11.6	1.6	0.44 U	0.23 U	0.30 U	22
	2/17/11	0.37 U	0.29 U	0.40 U	0.33 U	1.5	0.25 U	0.26 U	5.9	0.24 U	0.44 U	0.23 U	0.30 U	7
	6/16/11	0.37 U	0.31 J	0.28 U	0.18 U	1.3	0.31 U	0.24 U	5.4	0.21 U	0.27 U	0.21 U	0.20 U	7

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-09D	8/18/11	0.37 U	0.49 J	0.28 U	0.18 U	1.6	0.31 U	0.24 U	4.8	0.39 J	0.27 U	0.21 U	0.20 U	7
	11/03/11	0.37 U	0.46 J	0.28 U	0.18 U	0.88 J	0.31 U	0.24 U	3.9	0.21 U	0.27 U	0.21 U	0.20 U	5
(continued)	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.69	1.0 U	1.0 U	1.0 U	5.0 U	6
	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.84	1.0 U	1.0 U	1.0 U	5.0 U	2
	8/09/12	1.0 U	1.0 U	1.0 U	1.0 U	1.57	1.0 U	1.0 U	3.45	1.0 U	1.0 U	1.0 U	5.0 U	5
	11/05/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.88	1.0 U	1.0 U	1.0 U	5.0 U	2
	2/20/13	1.0 U	1.0 U	1.0 U	1.0 U	0.82 J	1.0 U	1.0 U	1.6	1.0 U	1.0 U	1.0 U	2.0 U	2
	5/15/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	1.0 U	1.0 U	2.0 U	1
	8/27/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0 U	1.0 U	1.0 U	2.0 U	1
	11/12/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.97 J	1.0 U	1.0 U	1.0 U	2.0 U	1
	2/17/14	1.0 U	1.0 U	1.0 U	1.0 U	0.71 J	1.0 U	1.0 U	2.1	1.0 U	1.0 U	1.0 U	2.0 U	3
	5/21/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.93 J	1.0 U	1.0 U	1.0 U	2.0 U	1
	8/06/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.73 J	1.0 U	1.0 U	1.0 U	2.0 U	1
	11/18/14	1.0 U	1.0 U	1.0 U	1.0 U	0.51 J	1.0 U	1.0 U	0.53 J	1.0 U	1.0 U	1.0 U	2.0 U	1
	11/13/15	1.0 U	1.0 U	1.0 U	1.0 U	0.34 J	1.0 U	1.0 U	0.79 J	1.0 U	1.0 U	1.0 U	2.0 U	1
	12/02/16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-09S	7/10/00	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	0
	10/24/00	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	0
	3/27/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	8/09/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	9/20/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	11/16/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	2/06/02	5 U	2.8 J	2 U	2 U	4.7 J	5 U	5 U	0.9 J	1 U	1 U	5 U	2 U	8
	5/10/02	5 U	5 U	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1.2 U	5 U	2 U	0
	8/28/02	5 U	5 U	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1 U	5 U	2 U	0
	11/12/02	0.65 U	0.089 U	0.49 U	0.57 U	0.18 U	0.18 U	0.094 U	0.39 U	0.16 U	0.77 U	0.18 U	0.53 U	0
	5/15/03	U	U	U	U	NA	U	U	U	U	U	U	U	0
	8/15/03	U	U	U	U	NA	U	U	U	U	U	U	U	0
	11/11/03	U	U	U	U	NA	U	U	U	U	U	U	U	0
	2/11/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	5/27/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	8/09/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	10/27/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	12/16/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	3/18/05	U	105	13.8	U	NA	U	U	3.9	7.3	9.8	U	U	140
	6/21/05	U	U	U	U	U	U	U	U	U	U	U	U	0
	9/13/05	U	U	U	U	U	U	U	0.65 J	U	U	U	U	1
	12/19/05	U	U	U	U	U	U	U	U	U	U	U	U	0
	3/15/06	U	U	U	U	U	U	U	U	U	U	U	U	0
	6/21/06	0.56 U	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	9/05/06	U	U	U	U	U	U	U	U	U	U	U	U	0
	12/04/06	0.56 U	0.23 U	0.33 U	0.23 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	3/12/07	0.56 U	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	6/12/07	0.67 U	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	0
	9/05/07	0.67 U	1.2	0.28 U	0.29 U	4.7	0.32 U	0.78 J	16.2	0.88 J	0.22 U	0.25 U	0.21 U	24
	12/12/07	0.67 U	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.8 J	0.26 U	0.22 U	0.25 U	0.21 U	1
	3/11/08	0.67 U	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	0
	6/16/08	0.22 U	0.61 J	0.29 U	0.35 U	2.1	0.16 U	0.24 U	7.9	0.43 J	0.21 U	0.16 U	0.16 U	11
	9/11/08	0.22 U	0.31 J	0.29 U	0.35 U	0.84 J	0.16 U	0.24 U	3.9	0.21 J	0.21 U	0.16 U	0.16 U	5
	12/19/08	0.22 U	0.24 U	0.29 U	0.35 U	0.32 J	0.16 U	0.24 U	0.49 JB	0.18 U	0.21 U	0.16 U	0.16 U	1
	2/24/09	0.22 U	0.24 U	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	0
	5/11/09	0.22 U	0.24 U	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.49 J	0.2 J	0.21 U	0.16 U	0.16 U	1
	8/11/09	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.61 J	0.24 U	0.44 U	0.23 U	0.30 U	1
	11/09/09	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.35 J	0.24 U	0.44 U	0.23 U	0.30 U	0
	2/22/10	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	0
	5/20/10	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	0
	8/12/10	0.37 U	0.43 J	0.40 U	0.33 U	1.9	0.25 U	0.26 U	8.4	0.69 J	0.44 U	0.23 U	0.30 U	11
	11/12/10	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	1.5	0.24 U	0.44 U	0.23 U	0.30 U	2
	2/17/11	0.37 U	0.29 U	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	0
	6/16/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
	8/18/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.58 J	0.21 U	0.27 U	0.21 U	0.20 U	1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-09S	11/03/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	1.16	1.0 U	1.0 U	1.20	1.0 U	1.0 U	1.0 U	5.0 U	2
(continued)	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.58	1.0 U	1.0 U	1.0 U	5.0 U	2
	8/09/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	11/05/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	2/20/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	5/15/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/26/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/12/13	1.0 U	1.0 U	1.0 U	1.0 U	0.74 J	1.0 U	1.0 U	3.7	1.0 U	1.0 U	1.0 U	2.0 U	4
	2/17/14	1.0 U	1.0 U	1.0 U	1.0 U	0.70 J	1.0 U	1.0 U	2.0	0.69 J	1.0 U	1.0 U	2.0 U	3
	5/21/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0	21.2	1.0 U	1.0 U	2.0 U	23
	8/06/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0
	11/18/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/13/15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.69 J	1.0 U	1.0 U	1.0 U	2.0 U	1
	12/02/16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-10D	7/11/00	5 U	55	9	5 U	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	84
Downgradient Area	10/25/00	5 U	180	26	5 U	65	5 U	7	7	7	5 U	5 U	5 U	292
	3/28/01	5	250	31	5 U	78	5 U	5 U	9	5 U	5 U	5 U	5 U	373
	8/09/01	6	230	28	5 U	90	5 U	5 U	5 U	5 U	5 U	5 U	5 U	354
	9/19/01	5 U	150	9	5 U	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U	195
	11/16/01	5 U	25	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	31
	2/08/02	2.7 J	123	5.6	2 U	26.5	5 U	5 U	1 U	0.99 J	1.9	5 U	2 U	161
	5/13/02	5.8	162	2 U	2 U	0.89 J	5 U	5 U	1 U	1 U	70.1	5 U	2 U	239
	8/29/02	9.6	192	2 U	2 U	5 U	5 U	5 U	1 U	1 U	79.9	5 U	2 U	282
	11/13/02	8.4	188	0.49 U	0.57 U	0.18 U	0.18 U	0.094 U	0.39 U	0.16 U	63.9	0.18 U	0.53 U	260
	2/12/03	0.65 U	81.8	3.7	0.57 U	NA	0.18 U	0.094 U	0.39 U	0.16 U	2.5	0.18 U	0.53 U	88
	5/14/03	1.9	88.9	1.2	U	NA	U	U	U	U	2.8	U	U	95
	8/13/03	6.3	188	U	U	NA	U	1.1	U	0.53 J	8.3	U	U	204
	11/12/03	U	73.3	1.7	U	NA	U	U	U	0.88 J	0.8 J	U	U	77
	2/11/04	U	55.5	1.1	U	NA	U	U	U	0.89 J	U	U	U	57
	5/27/04	U	144	2.3	U	NA	U	U	U	1.2	3.3	U	U	151
	8/10/04	U	144	U	U	NA	U	0.27 J	U	U	2.3	U	U	147
	10/28/04	U	158	U	U	NA	U	U	U	U	0.96 J	U	U	159
	12/17/04	U	122	2	U	NA	U	U	U	1.1	2.3	U	U	127
	3/18/05	3.2	125	28.5	U	NA	U	1.2	4.4	18	4.2	U	U	185
	6/21/05	U	69.4	U	U	1	U	U	U	U	8.2	U	U	79
	9/13/05	U	60.7	U	U	1.1	U	U	U	0.37 J	4	U	U	66
	12/20/05	U	50.7	U	U	U	U	U	U	U	2.3	U	U	53
	3/14/06	1.5	113	U	U	U	U	U	U	U	4.5	U	U	119
	6/23/06	6.2	116	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	3.5	0.22 U	0.27 U	126
	9/07/06	U	U	U	U	U	U	U	U	U	U	U	U	0
	12/05/06	34.9	83.9	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	1.1	0.22 U	0.27 U	120
	3/13/07	18.6	58.9	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	78
	6/12/07	8.5	39.3	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	48
	9/06/07	5.8	24.8	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	31
	12/13/07	14.4	47.8	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.92 J	0.26 U	0.22 U	0.25 U	0.21 U	63
	3/13/08	23.8	45.6	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.87 JB	0.22 U	0.25 U	0.21 U	70
	6/16/08	10	39.1	0.29 U	0.35 U	0.29 J	0.21 J	0.24 U	0.73 J	0.2 J	0.49 J	0.16 U	0.16 U	51
	9/11/08	0.22 U	22.0	0.29 U	0.35 U	0.27 J	0.16 U	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	22
	12/19/08	15.7	27.7	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.29 U	0.18 U	0.35 J	0.16 U	0.16 U	44
	2/24/09	10.2	25.0	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	35
	5/11/09	8.8	26.8	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	36
	11/09/09	0.37 U	8.8	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	9
	2/22/10	0.37 U	15.2	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	15
	5/20/10	6.3	15.5	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	22
	8/12/10	5.9	15.5	0.40 U	0.33 U	0.33 J	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	22
	11/12/10	0.71 J	10.1	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	11
	2/17/11	0.37 U	8.0	0.40 U	0.33 U	0.22 U	0.25 U	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	8
	6/16/11	0.37 U	10.1	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	10
	8/18/11	0.37 U	8.1	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	8

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-10D	11/03/11	0.37 U	8.4	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	8
Downgradient Area (continued)	2/15/12	1.0 U	8.01	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.60	1.0 U	1.0 U	1.0 U	5.0 U	10
	5/16/12	1.0 U	14.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.01	4.58	1.0 U	5.0 U	20
	8/08/12	1.0 U	18.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.09	1.0 U	5.0 U	22
	2/20/13	1.0 U	10.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	10
	5/15/13	0.26 J	3.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	4
	8/26/13	1.0 U	2.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	3
	11/11/13	1.0 U	2.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	3
	2/17/14	1.0 U	1.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1
	5/20/14	1.0 U	1.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1
	8/06/14	1.0 U	1.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1
	11/18/14	1.0 U	1.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1
	11/12/15	1.0 U	0.88 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1
	12/02/16	1.0 U	1.1	1.0 U	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-10S	7/11/00	9	270	48	5 U	100	5 U	56	20	22	5 U	5 U	5 U	525
Downgradient Area	10/25/00	6	230	42	5 U	97	5 U	46	15	19	5 U	5 U	5 U	455
	3/28/01	14	350	57	5 U	140	5 U	49	18	15	5 U	5 U	5 U	643
	8/09/01	13 U	260	23	13 U	110	13 U	13 U	13 U	13 U	13 U	13 U	13 U	393
	9/19/01	21	290	26	5 U	190	5 U	20	5 U	9	5 U	5 U	5 U	556
	11/16/01	5 U	170	19	5 U	80	5 U	6	5 U	5 U	5 U	5 U	5 U	275
	2/08/02	5 U	126	6.8	2 U	24.2	5 U	3.7 J	1	2	33.1	5 U	2 U	197
	5/13/02	5 U	130	16.2	2 U	49.7	5 U	10.2	5.6	7.8	12	5 U	2 U	232
	8/29/02	5 U	88.6	1.3 J	2 U	5.3	5 U	1.4 J	0.46 J	0.82 J	27.8	5 U	2 U	126
	11/13/02	0.65 U	135	11.7	0.57 U	30.5	0.18 U	4.6 J	3.3	4.7	44	0.18 U	0.53 U	234
	2/12/03	0.65 U	149	4.4	0.57 U	NA	0.18 U	0.094 U	2.8	2.1	74.5	0.18 U	0.53 U	233
	5/14/03	U	196	23.5	U	NA	U	8.1	9	12.7	25.9	U	U	275
	8/13/03	U	142	3.6	U	NA	U	1.5	U	2	79.1	U	U	228
	11/13/03	U	128	14.2	U	NA	U	2.8	4.9	7	14.1	U	U	171
	2/10/04	U	99.6	12.7	U	NA	U	U	U	6.5	11.3	U	U	130
	5/27/04	U	180	17.1	U	NA	U	U	U	14.5	20.5	U	U	232
	8/10/04	U	137	4.1	U	NA	U	U	U	1.2	59.1	U	U	201
	10/28/04	U	164	2.4	U	NA	U	U	U	0.83 J	37.2	U	U	204
	12/17/04	U	123	10.6	U	NA	U	U	U	2.8	36.6	U	U	173
	3/18/05	U	121	U	U	NA	U	U	U	U	1.2	U	U	122
	6/21/05	U	124	14.7	U	89.6	U	U	4.7	7.4	9.9	U	U	250
	9/14/05	U	83.2	10.8	U	66.5	0.51 J	U	2.5	4.4	9.3	U	U	177
	12/20/05	U	96.2	14.1	U	86	0.58 J	U	4	7.3	3.9	U	U	212
	3/14/06	U	88.4	14	U	81	0.5 J	U	3.8	6.1	4.3	U	U	198
	6/23/06	0.56 U	70.2	10.4	0.29 U	66.9	0.55 J	0.28 U	2.4	4.5	6	0.22 U	0.27 U	161
	9/07/06	U	98.2	11.3	U	74.2	0.53 J	U	1.7	4.1	18	U	U	208
	12/05/06	0.56 U	84.7	9.6	0.29 U	60.5	0.63 J	0.28 U	0.28 U	2.9	30.4	0.22 U	0.27 U	189
	3/13/07	0.56 U	85.3	13.2	0.29 U	71	0.62 J	0.28 U	0.28 U	6.2	12.5	0.22 U	0.27 U	189
	6/12/07	0.67 U	76.4	7.1	0.29 U	46.5	0.48 J	0.3 U	3.6	3.9	24.9	0.25 U	0.21 U	163
	9/06/07	0.67 U	51.1	3.6	0.29 U	29.1	0.32 U	0.3 U	0.9 J	1.9	8.7	0.25 U	0.21 U	95
	12/13/07	0.67 U	41.5	4.8	0.29 U	34.6	0.32 U	0.3 U	1.7	4.3	3.5	0.25 U	0.21 U	90
	3/13/08	0.67 U	50.1	3.8	0.29 U	23.7	0.41 J	0.3 U	0.28 U	2 B	13.6	0.25 U	0.21 U	94
	6/16/08	0.22 U	59.5	8.3	0.35 U	51.3	0.49 J	0.24 U	3.2	6.2	8.3	0.16 U	0.16 U	137
	9/11/08	0.22 U	45.4	6.1	0.35 U	37.7	0.39 J	0.24 U	0.9 J	3.1	9	0.16 U	0.16 U	103
	12/19/08	0.22 U	31.4	4.7	0.35 U	23.6	0.16 U	0.24 U	0.7 JB	2.3	3.8	0.16 U	0.16 U	67
	2/24/09	0.22 U	27.8	3.9	0.35 U	25.0	0.16 U	0.24 U	0.29 U	3.1	5.9	0.16 U	0.16 U	66
	5/11/09	0.22 U	22.9	1.6	0.35 U	19.1	0.16 U	0.24 U	0.45 J	1.6	0.98 J	0.16 U	0.16 U	47
	11/09/09	0.37 U	46.0	6.1	0.33 U	39.2	0.32 J	0.26 U	1.6	4.0	5.6	0.23 U	0.30 U	103
	2/22/10	0.37 U	44.2	9.5	0.33 U	44.9	0.25 U	0.26 U	2.2	5.4	5.5	0.23 U	0.30 U	112
	5/20/10	0.37 U	22.1	2.8	0.33 U	22.7	0.25 U	0.26 U	1.6	2.9	0.44 U	0.23 U	0.30 U	52
	8/12/10	0.37 U	39.4	7.2 B	0.33 U	37.0	0.51 J	0.26 U	2.8	3.8	6.1	0.23 U	0.30 U	97
	11/12/10	0.37 U	33.7	6.3	0.33 U	33.1	0.49 J	0.26 U	3.3	3.9	5.0	0.23 U	0.30 U	86
	2/17/11	0.37 U	25.4	4.4	0.33 U	26.6	0.25 U	0.26 U	0.27 U	2.0	5.6	0.23 U	0.30 U	64
	6/16/11	0.37 U	21.3	3.1	0.18 U	22.6	0.31 U	0.24 U	1.0	2.2	1.7	0.21 U	0.20 U	52
	8/18/11	0.37 U	36.6	8.5	0.18 U	37.0	0.51 J	0.24 U	4.0	3.1	10.3	0.21 U	0.20 U	100

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-10S	11/03/11	0.37 U	35.8	6.4	0.18 U	31.3	0.73 J	0.24 U	3.4	2.9	17.0	0.21 U	0.20 U	98
Downgradient Area (continued)	2/15/12	1.0 U	38.0	6.47	1.0 U	26.6	1.0 U	1.0 U	3.44	3.80	14.6	1.0 U	5.0 U	93
	5/16/12	1.0 U	14.8	1.16	1.0 U	11.2	1.0 U	1.0 U	2.38	1.61	1.0 U	1.0 U	5.0 U	31
	8/08/12	1.0 U	26.1	2.58	1.0 U	11.6	1.0 U	1.0 U	1.12	1.59	8.24	1.0 U	5.0 U	51
	2/20/13	1.0 U	28.7	4.5	1.0 U	19.5	0.46 J	1.0 U	2.4	2.4	8.2	1.0 U	2.0 U	66
	5/15/13	1.0 U	12.0	1.3	1.0 U	8.1	1.0 U	1.0 U	1.2	1.4	0.48 J	1.0 U	2.0 U	24
	8/26/13	1.0 U	24.6	3.2	1.0 U	12.9	1.0 U	1.0 U	2.8	2.4	2.6	1.0 U	2.0 U	49
	11/11/13	1.0 U	24.8	2.3	1.0 U	11.0	1.0 U	1.0 U	1.6	1.9	2.3	1.0 U	2.0 U	44
	2/17/14	1.0 U	20.6	2.8	1.0 U	9.8	1.0 U	1.0 U	1.7	2.1	2.8	1.0 U	2.0 U	40
	5/20/14	1.0 U	11.6	0.62 J	1.0 U	5.5	1.0 U	1.0 U	0.93 J	1.0	1.0 U	1.0 U	2.0 U	20
	8/06/14	1.0 U	21.0	1.5	1.0 U	7.6	1.0 U	1.0 U	1.7	1.9	1.7	1.0 U	2.0 U	35
	11/18/14	1.0 U	24.2	2.1	1.0 U	9.0	1.0 U	1.0 U	2.5	2.0	2.2	1.0 U	2.0 U	42
	11/12/15	1.0 U	8.6	1.0 U	1.0 U	3.1	1.0 U	1.0 U	0.84 J	0.93 J	1.0 U	1.0 U	2.0 U	13
	12/02/16	1.0 U	5.5	0.35 J	1.0 U	2.5	1.6	1.0 U	0.80 J	0.59 J	1.0 U	0.32 J	2.0 U	12
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-11D	7/13/00	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9	5 U	9
Downgradient Area	10/25/00	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	3/28/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	2/07/02	5 U	5 U	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1 U	5 U	2 U	0
	5/13/02	5 U	5 U	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1.2 U	5 U	2 U	0
	8/28/02	5 U	5 U	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1 U	5 U	2 U	0
	11/13/02	0.65 U	0.089 U	0.49 U	0.57 U	0.18 U	0.18 U	0.094 U	0.39 U	0.16 U	0.77 U	0.18 U	0.53 U	0
	2/11/03	0.65 U	0.86 J	0.49 U	0.57 U	NA	0.18 U	0.094 U	0.39 U	0.16 U	0.77 U	0.18 U	0.53 U	1
	5/15/03	U	U	U	U	NA	U	U	U	U	U	U	U	0
	8/15/03	U	U	U	U	NA	U	U	U	U	U	U	U	0
	11/13/03	U	1.1	U	U	NA	U	U	U	U	U	U	U	1
	2/11/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	5/28/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	8/10/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	10/28/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	12/16/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	3/18/05	U	1.9	U	U	NA	U	U	U	U	U	U	U	2
	6/21/05	U	U	U	U	U	U	U	U	U	U	U	U	0
	9/13/05	U	U	U	U	U	U	U	U	U	U	U	U	0
	12/21/05	U	U	U	U	U	U	U	U	U	U	U	U	0
	3/15/06	U	U	U	U	U	U	U	U	U	U	U	U	0
	6/21/06	0.56 U	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	9/05/06	U	U	U	U	U	U	U	U	U	U	U	U	0
	12/05/06	0.56 U	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	3/13/07	0.56 U	2.8	0.33 U	0.29 U	0.4 J	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	3
	6/12/07	0.67 U	0.33 J	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	0
	9/05/07	0.67 U	0.34 J	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.29 J	0.26 U	0.22 U	0.25 U	0.21 U	1
	12/12/07*	13 U	4 U	5.5 U	5.7 U	5.4 U	6.3 U	6 U	5.6 U	5.1 U	4.5 U	5.1 U	4.2 U	0
	3/13/08	0.67 U	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	0
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

* Sample pH did not satisfy field preservation criteria. Sample diluted due to foaming.

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-11S	7/13/00	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
Downgradient	10/25/00	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
Area	3/28/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	2/07/02	5 U	0.83 J	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1 U	5 U	2 U	1
	5/13/02	5 U	0.73 J	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1.2 U	5 U	2 U	1
	8/28/02	5 U	0.84 J	2 U	2 U	5 U	5 U	5 U	1 U	1 U	1 U	5 U	2 U	1
	11/13/02	0.65 U	3 J	1.9 J	0.57 U	1.6 J	0.18 U	0.094 U	0.39 U	1.6	0.77 U	0.18 U	0.53 U	8
	2/12/03	0.65 U	0.8 J	0.49 U	0.57 U	NA	0.18 U	0.094 U	0.39 U	0.16 U	0.77 U	0.18 U	0.53 U	1
	5/15/03	U	0.98 J	U	U	NA	U	U	U	U	U	U	U	1
	8/15/03	U	1.1	U	U	NA	U	U	U	U	U	U	U	1
	11/13/03	U	U	U	U	NA	U	U	U	U	U	U	U	0
	2/11/04	U	0.59 J	U	U	NA	U	U	U	U	U	U	U	1
	5/28/04	U	1.1	U	U	NA	U	U	U	U	U	U	U	1
	8/09/04	U	0.78 J	U	U	NA	U	U	U	U	U	U	U	1
	10/28/04	U	1.5	U	U	NA	U	U	U	U	U	U	U	2
	12/16/04	U	1.9	U	U	NA	U	U	U	U	U	U	U	2
	3/18/05	U	1.2	U	U	NA	U	U	0.62 J	U	U	U	U	2
	6/21/05	U	2	U	U	U	U	U	U	U	U	U	U	2
	9/13/05	U	1.7	U	U	U	U	U	U	U	U	U	U	2
	12/21/05	U	1.2	U	U	U	U	U	U	U	U	U	U	1
	3/15/06	U	1.5	U	U	U	U	U	U	U	U	U	U	2
	6/21/06	0.56 U	1.9	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	2
	9/05/06	U	2.8	U	U	U	U	U	U	U	U	U	U	3
	12/05/06	0.56 U	0.93 J	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	1
	3/13/07	0.56 U	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.29 U	0.22 U	0.27 U	0
	6/12/07	0.67 U	3	0.28 U	0.29 U	0.47 J	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	3
	9/05/07	0.67 U	3.2	0.28 U	0.29 U	0.38 J	0.32 U	0.3 U	0.37 J	0.26 U	0.22 U	0.25 U	0.21 U	4
	12/12/07	0.97 J	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	2.2	0.26 U	0.22 U	0.25 U	0.21 U	3
	3/13/08	0.67 U	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	0
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-12	11/23/08	0.22 U	1.2	0.29 U	0.35 U	28.5	2.6	0.24 U	0.29 U	0.18 U	2.7	0.16 U	0.16 U	35
MW-01 Area	2/22/10	1.1	2.0	0.40 U	0.33 U	13.6	5.5	0.26 U	0.27 U	0.75 J	1.2	0.23	0.30 U	24
	5/20/10	0.37 U	0.86 J	0.40 U	0.33 U	7.7	2.7	0.26 U	0.27 U	0.82 J	0.56 J	0.23 U	0.30 U	12
	8/12/10	1.4	1.3	0.40 U	0.33 U	8.7	6.4	0.26 U	0.27 U	0.33 J	0.62	0.23 U	0.30 U	19
	11/12/10	3.2	0.94 J	0.40 U	0.33 U	8.6	5.9	0.26 U	0.84 J	0.35 J	1.5	0.23 U	0.30 U	21
	2/17/11	0.37 U	0.43 J	0.40 U	0.33 U	4.0	5.0	0.26 U	0.27 U	0.24 U	0.44 U	0.23 U	0.30 U	9
	6/21/11	0.37 U	0.82 J	0.28 U	0.18 U	5.5	4.7	0.24 U	0.32 U	0.54 J	0.27 U	0.21 U	0.20 U	12
	8/18/11	0.37 U	0.5 J	0.28 U	0.18 U	3.6	3.6	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	8
	11/03/11	0.37 U	0.19 U	0.28 U	0.18 U	1.4	0.62 J	0.24 U	0.53 J	0.45 J	0.27 U	0.21 U	0.20 U	3
	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	5.34	2.06	1.0 U	1.73	1.0 U	1.0 U	1.0 U	5.0 U	9
	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	3.28	3.38	1.0 U	2.48	1.0 U	1.0 U	1.0 U	5.0 U	9
	8/08/12	1.0 U	1.0 U	1.0 U	1.0 U	4.23	5.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	10
	11/05/12	1.0 U	1.0 U	1.0 U	1.0 U	3.6	4.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	8
	2/20/13	1.0 U	0.48 J	1.0 U	1.0 U	2.9	5.8	1.0 U	1.3	0.30 J	0.40 J	1.0 U	2.0 U	11
	5/15/13	1.0 U	0.35 J	1.0 U	1.0 U	2.0	0.76 J	1.0 U	1.7	0.62 J	0.40 J	0.82 J	2.0 U	7
	8/27/13	1.0 U	0.48 J	1.0 U	1.0 U	3.7	3.7	1.0 U	1.2	0.23 J	0.51 J	1.0 U	2.0 U	10
	11/11/13	1.0 U	1.0 U	1.0 U	1.0 U	4.9	2.6	1.0 U	11.2	1.0	0.47 J	1.0 U	2.0 U	20
	2/17/14	1.0 U	0.69 J	1.0 U	1.0 U	1.3	7.9	1.0 U	2.2	1.0 U	0.64 J	1.0 U	2.0 U	13
	5/20/14	1.0 U	0.94 J	1.0 U	1.0 U	5.5	2.0	1.0 U	7.2	3.1	1.0 U	1.0 U	2.0 U	19
	8/06/14	1.0 U	0.54 J	1.0 U	1.0 U	3.1	3.6	1.0 U	3.6	0.75 J	0.57 J	1.0 U	2.0 U	12
	11/17/14	1.0 U	0.48 J	1.0 U	1.0 U	2.4	3.3	1.0 U	5.0	0.56 J	1.0 U	1.0 U	2.0 U	12
	11/13/15	1.0 U	0.66 J	1.0 U	1.0 U	2.5	5.0	1.0 U	2.0	0.57 J	0.91 J	1.0 U	2.0 U	12
	12/01/16	1.0 U	0.53 J	1.0 U	1.0 U	3.2	0.52 J	1.0 U	3.1	1.7	1.0 U	1.0 U	2.0 U	9
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-13	11/23/08	0.22 U	10.1	0.94 J	0.35 U	56.5	0.82 J	5.2	199	10.8	0.21 U	4.5	0.16 U	288
Upgradient to	12/19/08	0.55 U	16.8	1.4 J	0.87 U	84.9	0.40 U	11.7	256 B	12.4	0.52 U	0.85 J	0.40 U	384
MW-01 Area	2/24/09	0.22 U	15.3	1.6	0.35 U	93.6	1.0	14.6	324	21.6	0.21 U	0.16 U	0.16 U	472
	5/11/09	0.22 U	19.2	2.0	0.35 U	127.0	1.4	11.2	292	19.0	0.21 U	0.65 J	0.16 U	472
	8/11/09	0.37 U	16.3	1.5	0.33 U	116.0	1.4	10.6	335	21.6	0.44 U	0.59 J	0.30 U	503
	11/09/09	0.37 U	13.6	1.3	0.33 U	92.8	1.3	7.8	258	19.0	0.44 U	0.5 J	0.30 U	394
	2/22/10	0.37 U	16.4	2.0	0.33 U	120.0	1.7	10.1	384	23.9	0.44 U	0.54 J	0.30 U	559
	5/20/10	0.37 U	9.4	1.1	0.33 U	73.5	1.2	7.0	274	17.3	0.44 U	0.34 J	0.30 U	384
	8/12/10	0.74 U	11.0	1.6 JB	0.67 U	81.7	1.6 J	6.1	307	17.2	0.89 U	0.47 U	0.61 U	426
	11/12/10	0.74 U	12.7	1.5 J	0.67 U	87.1	1.5 J	7.2	298	19.1	0.89 U	0.47 U	0.61 U	427
	2/17/11	0.37 U	13.1	1.4	0.33 U	105	0.89 J	7.1	291	24.1	0.44 U	0.23 U	0.30 U	443
	6/16/11	0.37 U	9.4	1.3	0.18 U	76	1.3	4.4	216	18.4	0.27 U	0.21 U	0.20 U	327
	8/18/11	0.37 U	8.8	1.4	0.18 U	81.8	1.3	4.5	220	20.5	0.27 U	0.21 U	0.20 U	338
	11/03/11	0.37 U	6.3	0.94 J	0.18 U	60.4	1.2	4.1	183	16.3	0.27 U	0.21 U	0.20 U	272
	2/15/12	1.0 U	10.5	1.10	1.0 U	84.4	1.63	5.76	372	21.5	1.0 U	1.0 U	5.0 U	497
	5/16/12	1.0 U	10.2	1.04	1.0 U	94.1	1.59	6.27	571	23.6	1.0 U	1.0 U	5.0 U	708
	8/08/12	1.0 U	11.3	1.2	1.0 U	111.0	1.0 U	7.47	472	25.2	1.0 U	1.0 U	5.0 U	628
	11/05/12	1.0 U	10.3	1.01	1.0 U	84.9	2.45	4.24	327	19.6	1.0 U	1.0 U	5.0 U	450
	2/20/13	1.0 U	10.3	0.96 J	1.0 U	91.0	0.98 J	3.7	269	21.4	1.0 U	1.0 U	2.0 U	397
	5/15/13	1.0 U	11.4	1.0	1.0 U	120.0	1.2	4.1	309 E	27.3	1.0 U	0.25 J	2.0 U	474
	8/27/13	1.0 U	9.1	1.1	1.0 U	99.8	0.52 J	4.0	218	23.9	1.0 U	0.27 J	2.0 U	357
	11/11/13	1.0 U	10	0.92 J	1.0 U	124	0.98 J	4.5	281	31.6	1.0 U	1.0 U	2.0 U	453
	2/17/14	2.0 U	6.9	2.0 U	2.0 U	71.9	2.0 U	3.1	286	19.1	2.0 U	2.0 U	4.0 U	387
	5/20/14	1.0 U	6.3	0.63 J	1.0 U	77.7	0.67 J	2.9	215	19.0	1.0 U	1.0 U	2.0 U	322
	8/06/14	1.0 U	6.8	0.58 J	1.0 U	80.2	1.1	2.4	212	19.7	1.0 U	1.0 U	2.0 U	323
	11/17/14	1.0 U	7.6	1.0 U	1.0 U	71.5	1.1	1.9	148	21.0	1.0 U	0.28 J	2.0 U	251
	11/13/15	1.0 U	7.3	0.55 J	1.0 U	81.4	0.75 J	1.9	184 J	21.8	1.0 U	0.23 J	2.0 U	298
	12/01/16	1.0 U	6.7	0.53 J	1.0 U	104	1.1	1.7	190	18.2	1.0 U	1.0 U	2.0 U	322
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-14	11/23/08	0.22 U	9.0	0.59 J	0.35 U	60	1.7	1.8	62	13.3	0.22 J	0.56 J	0.16 U	150
MW-01 Area	12/19/08	0.22 U	16.1	1.8	0.35 U	105	2.0	5.8	146 B	20.3	0.61 J	0.74 J	0.16 U	298
	2/24/09	0.22 U	17.2	1.8	0.35 U	113	1.9	6.5	184	31.3	0.21 U	0.16 U	0.16 U	356
	5/11/09	0.22 U	21.5	1.8	0.35 U	145	2.0	5.6	167	26.9	0.64 J	0.51 J	0.16 U	371
	8/11/09	0.37 U	19.8	2.0	0.33 U	145	2.6	6.5	240	38.9	0.68 J	0.35 J	0.30 U	456
	11/09/09	0.37 U	17.2	1.5	0.33 U	126	3.2	5.1	220	36.1	0.54 J	0.34 J	0.30 U	410
	2/22/10	0.37 U	19.4	2.6	0.33 U	164	2.9	5.4	263	41.4	0.76 J	0.32 J	0.30 U	500
	5/20/10	0.37 U	15.0	1.5	0.33 U	137	3.5	3.6	185	40.6	0.64 J	0.25 J	0.30 U	387
	8/12/10	0.37 U	14.3	1.9 B	0.33 U	118	3.0	3.3	205	36.3	0.73 J	0.26 J	0.30 U	383
	11/12/10	0.37 U	16.7	1.6	0.33 U	133	3.3	4.2	223	36.9	0.73 J	0.28 J	0.30 U	420
	2/17/11	0.37 U	12.3	1.2	0.33 U	110	1.8	3.3	168	27.6	0.44 U	0.23 U	0.30 U	324
	6/16/11	0.37 U	15.3	1.5	0.18 U	144	4.0	2.8	200	39.9	1.2	0.21 U	0.20 U	409
	8/18/11	0.37 U	10.8	1.6	0.18 U	123	3.5	2.1	184	36.5	0.86 J	0.21 U	0.20 U	362
	11/03/11	0.37 U	10.1	1.1	0.18 U	109	3.6	1.4	118	34.4	0.90 J	0.21 U	0.20 U	279
	2/15/12	1.0 U	9.7	1.02	1.0 U	90.2	3.58	1.3	112	25.9	1.0 U	1.0 U	5.0 U	244
	5/16/12	1.0 U	7.29	1.0 U	1.0 U	72.5	3.29	1.43	139	20.0	1.0 U	1.0 U	5.0 U	244
	8/09/12	1.0 U	8.53	1.0 U	1.0 U	90.1	1.89	1.6	75	14.4	1.0 U	1.0 U	5.0 U	192
	11/05/12	1.0 U	10.50	1.19	1.0 U	100	3.21	2.79	272	27.7	1.0 U	1.0 U	5.0 U	417
	2/20/13	1.0 U	8.3	0.77 J	1.0 U	67.8	0.68 J	1.5	72.9	12.7	0.42 J	1.0 U	2.0 U	165
	5/15/13	1.0 U	10.2	0.55 J	1.0 U	116	4.1	1.2	96.1	22.8	1.3	1.9	2.0 U	254
	8/26/13	1.0 U	11.3	0.52 J	1.0 U	119	9.4	1.9	152	33.8	1.1	0.73 J	2.0 U	330
	11/12/13	1.0 U	11.3	0.91 J	1.0 U	158	2.2	2.0	173	42.1	1.3	0.33 J	2.0 U	391
	2/17/14	1.0 U	7.6	0.69 J	1.0 U	79.1	1.0	1.5	167	26.0	0.62 J	1.0 U	2.0 U	284
	5/21/14	1.0 U	8.6	0.73 J	1.0 U	120	1.3	1.8	175	35.5	0.9 J	1.0 U	2.0 U	344
	8/06/14	1.0 U	9.2	0.82 J	1.0 U	127	1.6	1.8	188	38.0	1.0	1.0 U	2.0 U	367
	11/17/14	1.0 U	7.1	0.69 J	1.0 U	97.1	1.1	1.3	155	29.4	0.95 J	1.0 U	2.0 U	293
	11/12/15	1.0 U	5.6	1.0 U	1.0 U	72.3	1.2	0.71 J	89.0	24.1	2.0	1.0 U	2.0 U	195
	12/01/16	1.0 U	5.4	0.41 J	1.0 U	81.7	0.9 J	0.84 J	86.5	22.4	1.6	1.0 U	2.0 U	200
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-15S	6/16/11	0.37 U	0.7 J	0.28 U	0.18 U	1.8	0.31 U	0.24 U	0.63 J	0.21 U	0.27 U	0.21 U	0.20 U	3
Upgradient Area	8/18/11	0.37 U	0.19 U	0.28 U	0.18 U	0.52 J	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	1
(Driveway)	12/14/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	8/09/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	11/05/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	2/21/13	1.0 U	1.0 U	1.0 U	1.0 U	0.39 J	1.0 U	1.0 U	1.1	0.28 J	1.0 U	1.0 U	2.0 U	2
	5/15/13	1.0 U	1.0 U	1.0 U	1.0 U	0.30 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/27/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/12/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	5/21/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/06/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/18/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-16	6/16/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
Upgradient Area	8/18/11	0.37 U	0.19 U	0.28 U	0.18 U	0.51 J	0.31 U	0.24 U	0.51 J	0.21 U	0.27 U	0.21 U	0.20 U	1
(Driveway)	11/03/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	1.64	1.0 U	1.0 U	1.03	1.0 U	1.0 U	1.0 U	5.0 U	3
	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	1.69	1.0 U	1.0 U	1.92	1.0 U	1.0 U	1.0 U	5.0 U	4
	8/09/12	1.0 U	1.0 U	1.0 U	1.0 U	2.49	1.0 U	1.0 U	1.75	1.0 U	1.0 U	1.0 U	5.0 U	4
	11/05/12	1.0 U	1.0 U	1.0 U	1.0 U	1.37	1.0 U	1.0 U	1.14	1.0 U	1.0 U	1.0 U	5.0 U	3
	2/21/13	1.0 U	0.51 J	1.0 U	1.0 U	1.0	1.0 U	1.0 U	0.94 J	0.23 J	1.0 U	1.0 U	2.0 U	3
	5/15/13	1.0 U	0.35 J	1.0 U	1.0 U	1.1	0.27 J	1.0 U	0.76 J	0.22 J	1.0 U	1.0 U	2.0 U	3
	8/27/13	1.0 U	0.40 J	1.0 U	1.0 U	1.0	1.0 U	1.0 U	0.80 J	0.26 J	1.0 U	1.0 U	2.0 U	2
	11/12/13	1.0 U	1.0	1.0 U	1.0 U	2.2	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	2.0 U	5
	5/21/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/06/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.38 J	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/18/14	1.0 U	0.39 J	1.0 U	1.0 U	0.85 J	1.0 U	1.0 U	0.65 J	1.0 U	1.0 U	1.0 U	2.0 U	2
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-17S	6/16/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
Upgradient Area	8/18/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
(Driveway)	11/03/11	0.37 U	0.19 U	0.28 U	0.18 U	0.52 J	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	1
	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.84	1.0 U	1.0 U	1.0 U	5.0 U	2
	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.07	1.0 U	1.0 U	1.0 U	5.0 U	1
	8/09/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	11/05/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	2/21/13	1.0 U	0.36 J	1.0 U	1.0 U	1.3	1.0 U	1.0 U	0.40 J	0.26 J	1.0 U	1.0 U	2.0 U	2
	5/15/13	1.0 U	1.0 U	1.0 U	1.0 U	0.26 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/27/13	1.0 U	1.0 U	1.0 U	1.0 U	0.59 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1
	11/12/13	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J	1.0 U	1.0 U	0.28 J	1.0 U	1.0 U	1.0 U	2.0 U	1
	5/21/14	1.0 U	1.0 U	1.0 U	1.0 U	0.24 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/06/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/18/14	1.0 U	1.0 U	1.0 U	1.0 U	0.75 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-18	6/16/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
Upgradient Area	8/18/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
(Driveway)	11/03/11	0.37 U	0.19 U	0.28 U	0.18 U	0.22 U	0.31 U	0.24 U	0.32 U	0.21 U	0.27 U	0.21 U	0.20 U	0
	2/15/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	5/16/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	8/09/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	11/05/12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	0
	2/21/13	1.0 U	1.0 U	1.0 U	1.0 U	0.57 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1
	5/15/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/27/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/12/13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	5/21/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	8/06/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
	11/18/14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-19	8/08/12	1.0 U	6.03	1.0 U	1.0 U	177	22.6	1.0 U	41.9	4.44	1.79	1.0 U	1.0 U	254
Upgradient Area	11/05/12	1.0 U	6.29	1.0 U	1.0 U	148	24.7	1.0 U	53.8	7.82	1.46	1.0 U	5.0 U	242
(Bay 1A)	2/21/13	1.0 U	6.4	0.78 J	1.0 U	175	24.2	0.34 J	19.7	6.9	1.9	1.0 U	2.0 U	235
	5/15/13	1.0 U	4.6	0.57 J	1.0 U	158	21.6	1.0 U	5.7	4.9	1.7	1.0 U	2.0 U	197
	8/27/13	1.0 U	5.3	0.71 J	1.0 U	204	25.4	1.0 U	6.5	4.8	2.6	1.0 U	2.0 U	249
	11/12/13	1.0 U	5.6	0.63 J	1.0 U	193	20.0	0.79 J	52.4	8.7	1.6	1.0 U	2.0 U	283
	2/17/14	1.0 U	5.3	0.69 J	1.0 U	174	23.7	1.0 U	22.3	7.9	2.4	1.0 U	2.0 U	236
	5/21/14	1.0 U	4.1	0.55 J	1.0 U	195	20.5	1.0 U	18.0	6.3	2.2	1.0 U	2.0 U	247
	8/06/14	1.0 U	4.8	0.61 J	1.0 U	184	21.6	1.0 U	15.0	6.8	2.2	1.0 U	2.0 U	235
	11/17/14	1.0 U	2.7	1.0 U	1.0 U	125	13.2	1.0 U	0.84 J	3.0	3.6	1.0 U	2.0 U	148
	11/13/15	1.0 U	3.8	0.61 J	1.0 U	190	25.1	1.0 U	3.5	6.2	5.5	1.0 U	2.0 U	235
	12/01/16	1.0 U	1.9	0.3 J	1.0 U	123	14.0	1.0 U	5.6	6.0	4.9	1.0 U	2.0 U	156
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-20	8/08/12	1.0 U	20.6	1.47	1.0 U	189	1.64	10	429	31.6	1.0 U	1.0 U	1.0 U	683
Upgradient Area	11/05/12	1.0 U	23.3	1.51	1.0 U	169	4.26	7.72	524	30.3	1.0 U	1.0 U	1.0 U	760
(Bay 1A)	2/21/13	1.0 U	28.2	1.0	1.0 U	155	2.1	4.5	275	30.7	1.0 U	0.27 J	2.0 U	497
	5/15/13	1.0 U	34.1	1.1	1.0 U	210 E	3.1	4.6	356 E	35.6	1.0 U	0.22 J	2.0 U	645
	8/27/13	1.0 U	28.8	1.1	1.0 U	186	2.2	4.1	230	33.6	1.0 U	0.33 J	2.0 U	486
	11/12/13	1.0 U	26.7	0.89 J	1.0 U	190	1.8	3.6	225	32.6	1.0 U	0.26 J	2.0 U	481
	2/19/14	1.0 U	20.8	0.69 J	1.0 U	130	1.6	3.2	262	26.7	1.0 U	1.0 U	2.0 U	445
	5/21/14	1.0 U	22.7	0.77 J	1.0 U	180	2.1	3.8	311	34.2	1.0 U	1.0 U	2.0 U	555
	8/06/14	1.0 U	27.6	0.62 J	1.0 U	183	3.1	3.3	239	35.9	1.0 U	1.0 U	2.0 U	493
	11/17/14	1.0 U	22.3	1.0 U	1.0 U	130	2.2	2.0	206	25.3	1.0 U	1.0 U	2.0 U	388
	11/13/15	1.0 U	19.8	0.61 J	1.0 U	112	1.5	1.8	185	26.9	1.0 U	1.0 U	2.0 U	348
	12/01/16	1.0 U	17.5	0.61 J	1.0 U	138	1.4	1.8	149	20.8	1.0 U	1.0 U	2.0 U	329
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

Ground Water Results
Hangar D, Westchester County Airport

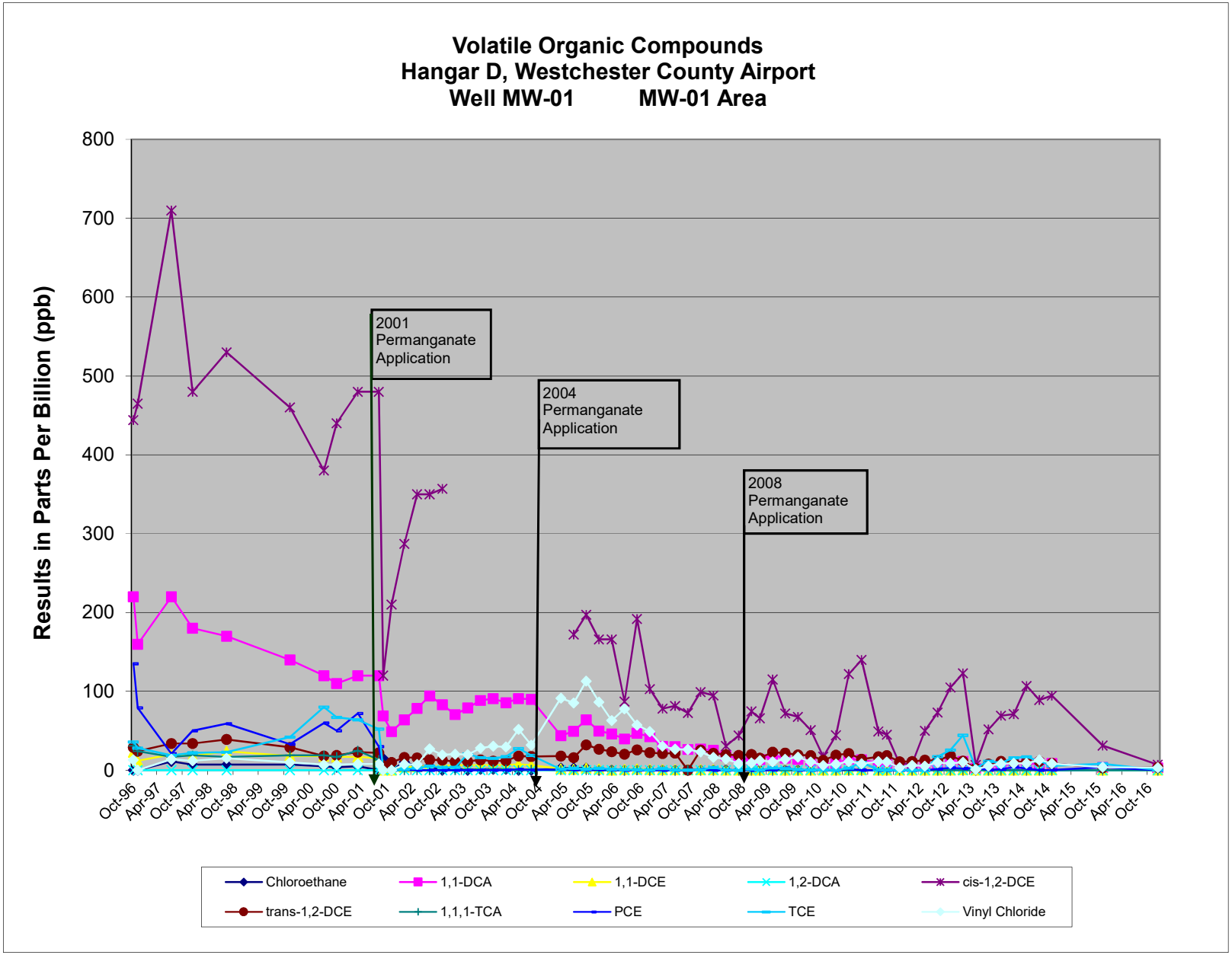
Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-23	8/08/12	1.0 U	2.38	1.0 U	1.0 U	6.6	1.0 U	1.0 U	7.75	1.0 U	1.0 U	1.0 U	1.0 U	17
Upgradient Area	11/05/12	1.0 U	3.16	1.0 U	1.0 U	8.55	1.0 U	1.0 U	21.3	2.09	1.0 U	1.0 U	1.0 U	35
(Bay 1A)	2/21/13	1.0 U	3.2	0.86 J	1.0 U	8.5	0.36 J	0.48 J	2.4	0.93 J	1.0 U	1.0 U	2.0 U	17
	5/15/13	1.0 U	2.3	0.59 J	1.0 U	4.1	1.0 U	1.0 U	1.8	0.51 J	1.0 U	1.0 U	2.0 U	9
	8/27/13	1.0 U	1.8	0.54 J	1.0 U	4.3	1.0 U	0.39 J	2.7	0.59 J	1.0 U	1.0 U	2.0 U	10
	11/12/13	1.0 U	1.5	2.0	1.0 U	4.0	1.0 U	4.8	2.2	1.0 U	1.0 U	1.0 U	2.0 U	15
	2/19/14	1.0 U	2.4	0.88 J	1.0 U	5.7	1.0 U	0.89 J	5.6	0.89 J	1.0 U	1.0 U	2.0 U	16
	5/21/14	1.0 U	1.5	0.37 J	1.0 U	3.7	1.0 U	0.31 J	1.5	1.0 U	1.0 U	1.0 U	2.0 U	7
	8/06/14	1.0 U	1.6	1.0 U	1.0 U	3.2	1.0 U	1.0 U	1.7	0.35 J	1.0 U	1.0 U	2.0 U	7
	11/17/14	1.0 U	2.5	2.2	1.0 U	5.6	1.0 U	4.2 J	2.8	0.54 J	1.0 U	1.0 U	2.0 U	18
	11/13/15	1.0 U	1.7	1.4	1.0 U	3.7	1.0 U	2.9	2.2	0.45 J	1.0 U	1.0 U	2.0 U	12
	12/01/16	1.0 U	1.7	0.45 J	1.0 U	3.9	1.0 U	0.24 J	1.6	0.5 J	1.0 U	1.0 U	2.0 U	8
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

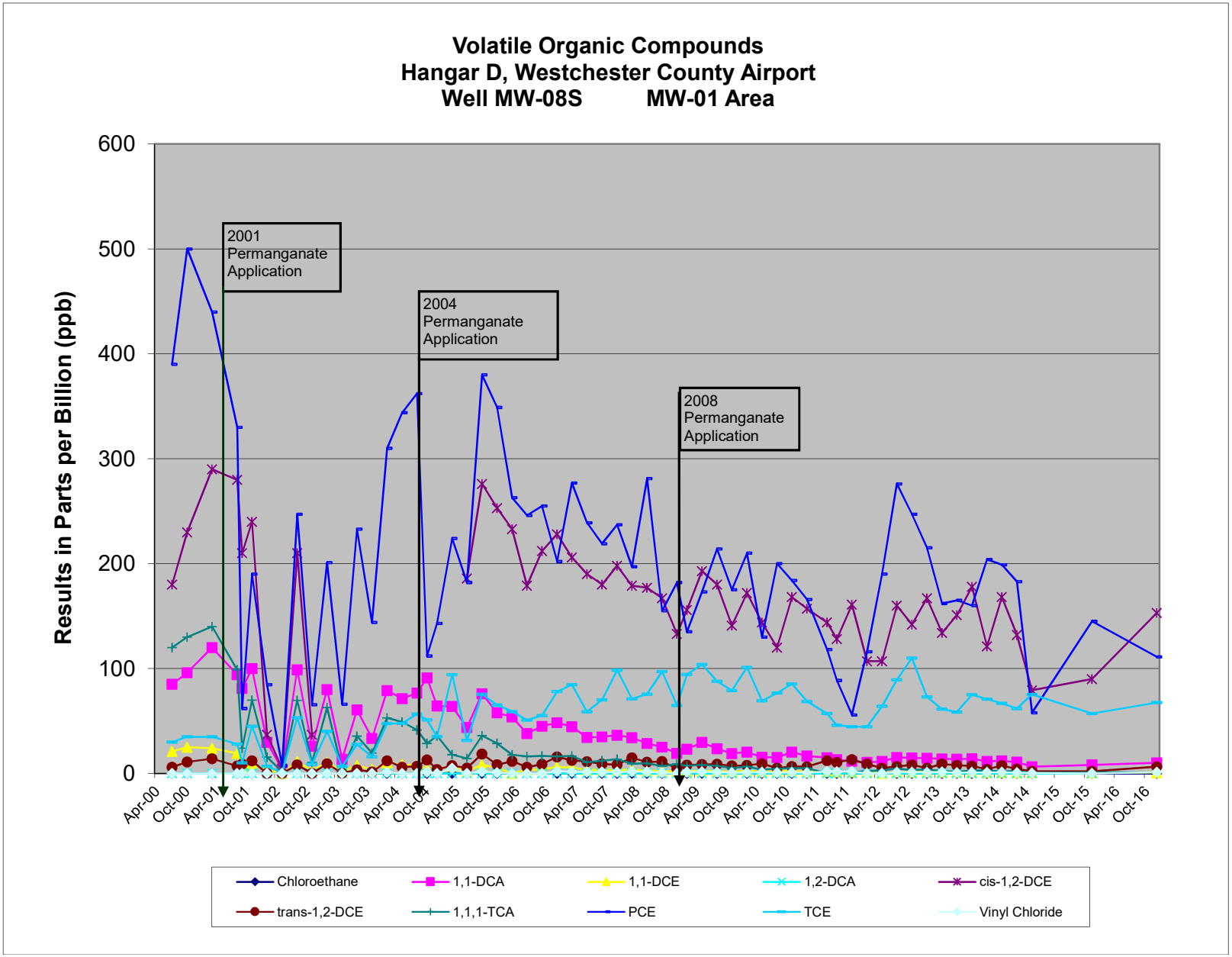
Ground Water Results
Hangar D, Westchester County Airport

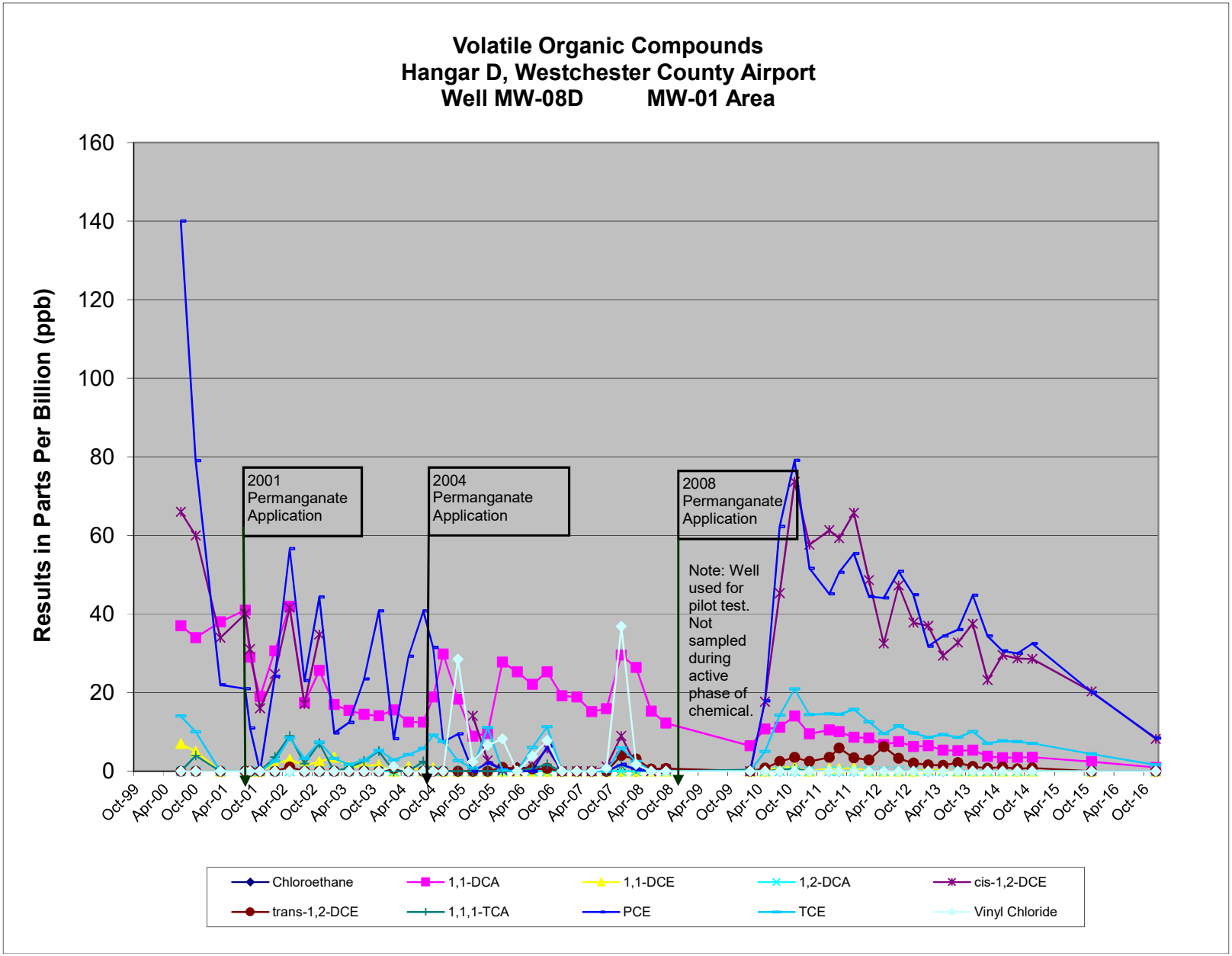
Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-24	8/08/12	1.0 U	24.7	1.33	1.0 U	183	4.66	3.52	299	60.9	1.0 U	1.0 U	1.0 U	577
	11/05/12	1.0 U	29.3	1.20	1.0 U	176	7.5	2.34	276	124	1.0 U	1.0 U	1.0 U	616
Upgradient Area	2/21/13	2.5 U	17.6	1.1 J	2.5 U	124	3.1	2.8	287	69.2	2.5 U	2.5 U	5.0 U	505
(Bay 1A)	5/15/13	1.0 U	21.0	0.76 J	1.0 U	150	6.2	1.4	152	80.1	1.0 U	8.7	2.0 U	420
	8/27/13	1.0 U	22.3	1.1	1.0 U	173	8.8	2.1	190	79.2	1.0 U	0.65 J	2.0 U	477
	11/12/13	1.0 U	7.0	0.71 J	1.0 U	60.9	2.3	1.9	183	32.0	1.0 U	0.26 J	2.0 U	288
	2/17/14	2.0 U	12.6	0.71 J	2.0 U	103	2.5	2.2	273	62.3	2.0 U	2.0 U	4.0 U	456
	5/21/14	1.0 U	12.1	0.70 J	1.0 U	119	1.9	2.6	290	72.5	1.0 U	1.0 U	2.0 U	499
	8/06/14	1.0 U	10.2	0.55 J	1.0 U	96	2.2	1.9	229	58.5	1.0 U	1.0 U	2.0 U	398
	11/17/14	1.0 U	16.0	1.0 U	1.0 U	151	3.8	2.2	314	88.3	1.0 U	0.26 J	1.0 U	576
	11/13/15	1.0 U	14.0	0.83 J	1.0 U	151	4.5	2.1	335	91.8	1.0 U	0.31 J	2.0 U	600
	12/01/16	1.0 U	9.9	0.69 J	1.0 U	146	2.5	1.4	241	62.5	1.0 U	0.25 J	2.0 U	464
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

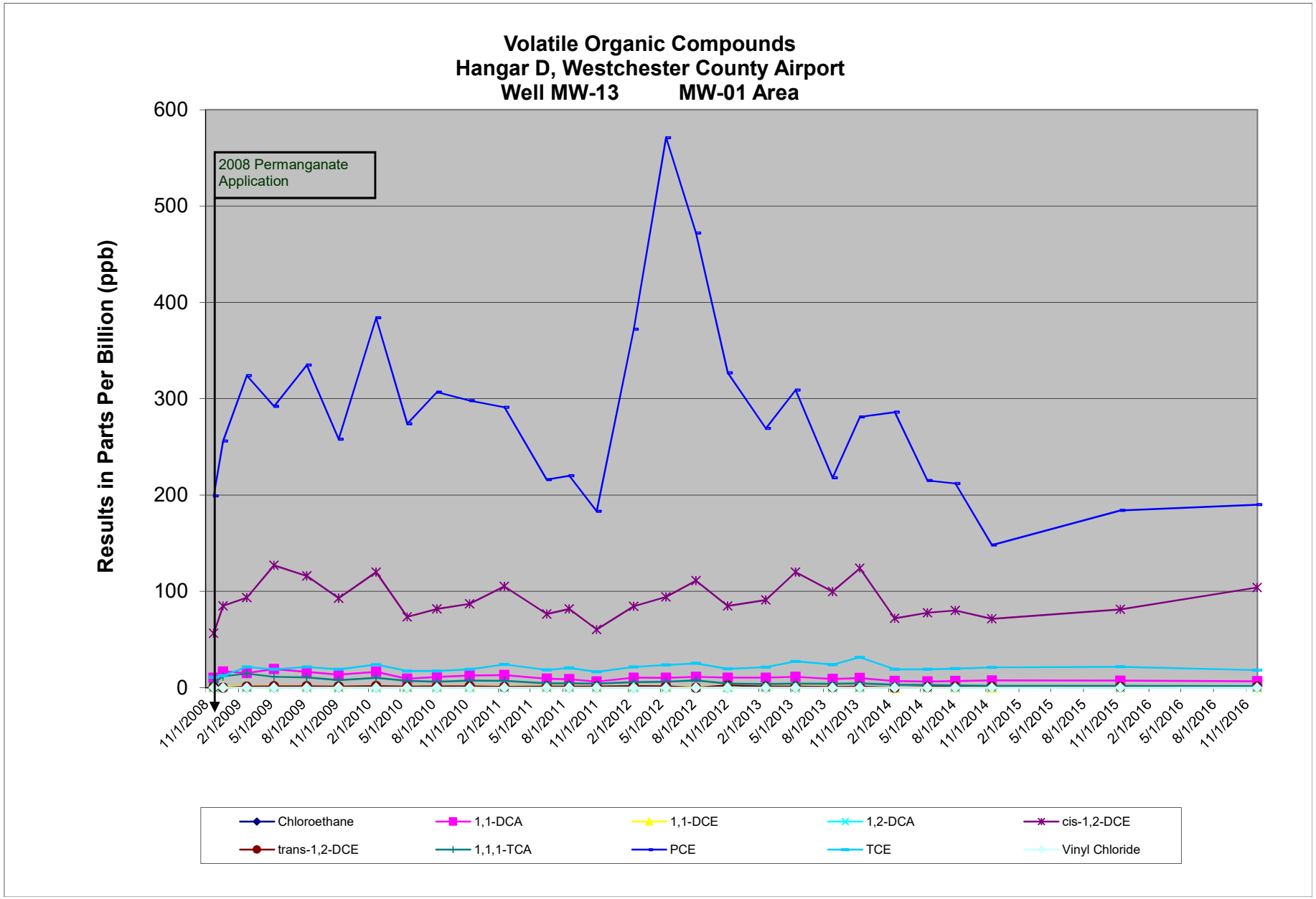
Notes:

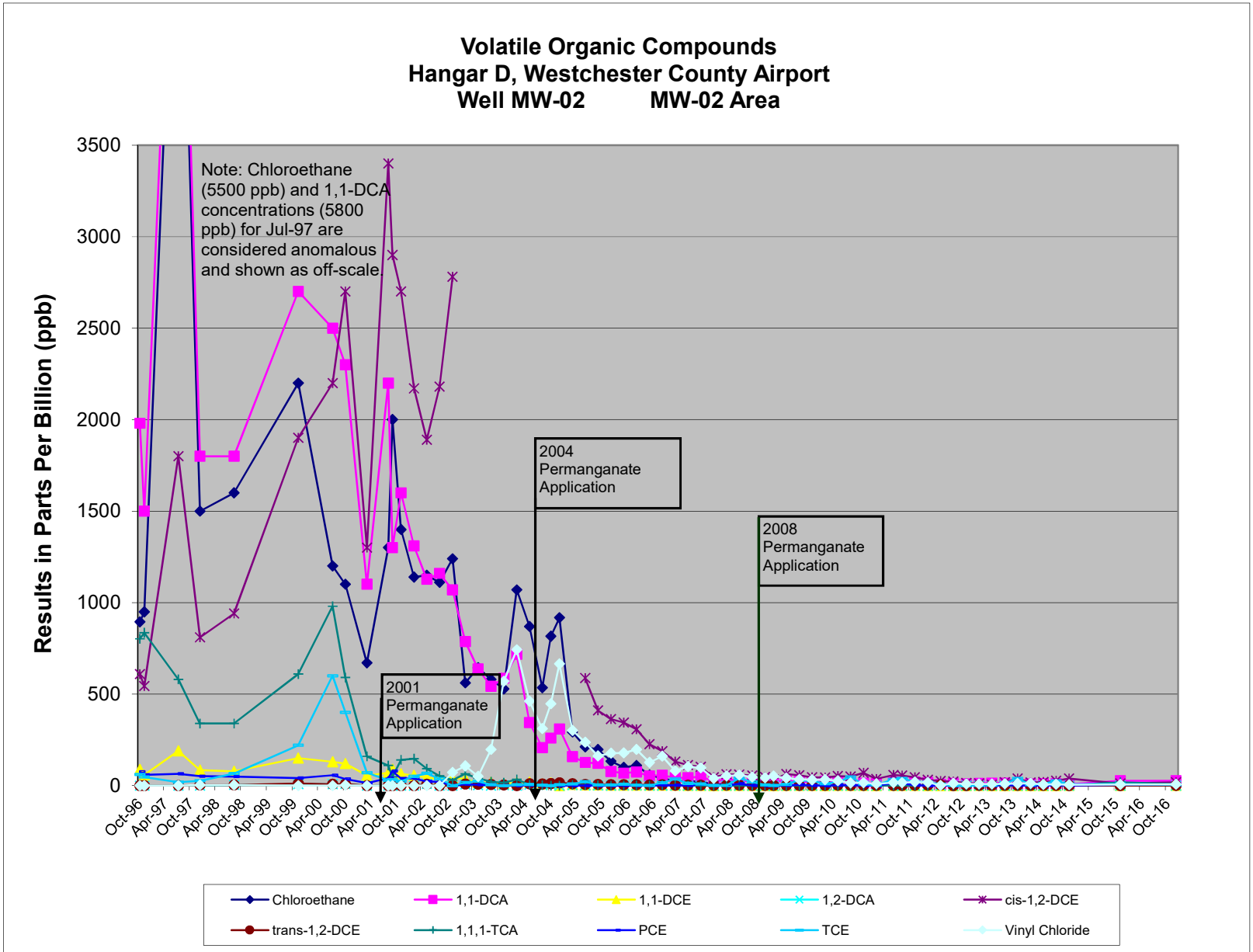
Concentrations are in ug/L (ppb).
B = Compound found in associated field blank sample
E = Estimated concentration, high
J = Estimated concentration, low or due to validation
NA = Not Analyzed
NYSDEC = New York State Department of Environmental Conservation
U = Compound undetected.
VOC = Volatile Organic Compound
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
cis-1,2-DCE = cis-1,1-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
1,1,1-TCA = 1,1,1-Trichloroethane
PCE = Tetrachloroethene
TCE = Trichloroethene

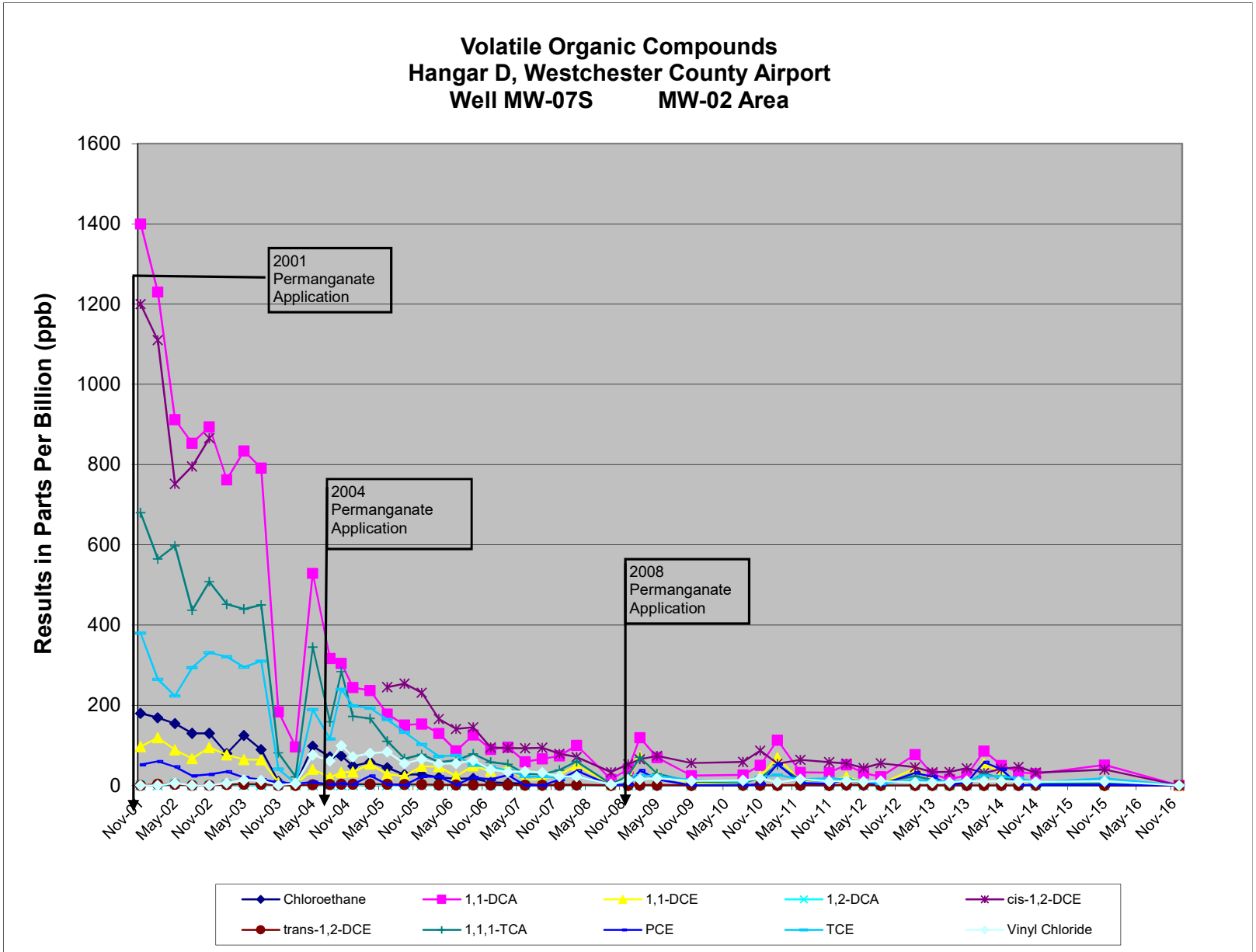

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-01 MW-01 Area
Results in Parts Per Billion (ppb)
800
700
600
500
400
300
200
100
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Oct-03
Apr-04
Oct-04
Apr-05
Oct-05
Apr-06
Oct-06
Apr-07
Oct-07
Apr-08
Oct-08
Apr-09
Oct-09
Apr-10
Oct-10
Apr-11
Oct-11
Apr-12
Oct-12
Apr-13
Oct-13
Apr-14
Oct-14
Apr-15
Oct-15
Apr-16
Oct-16
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride

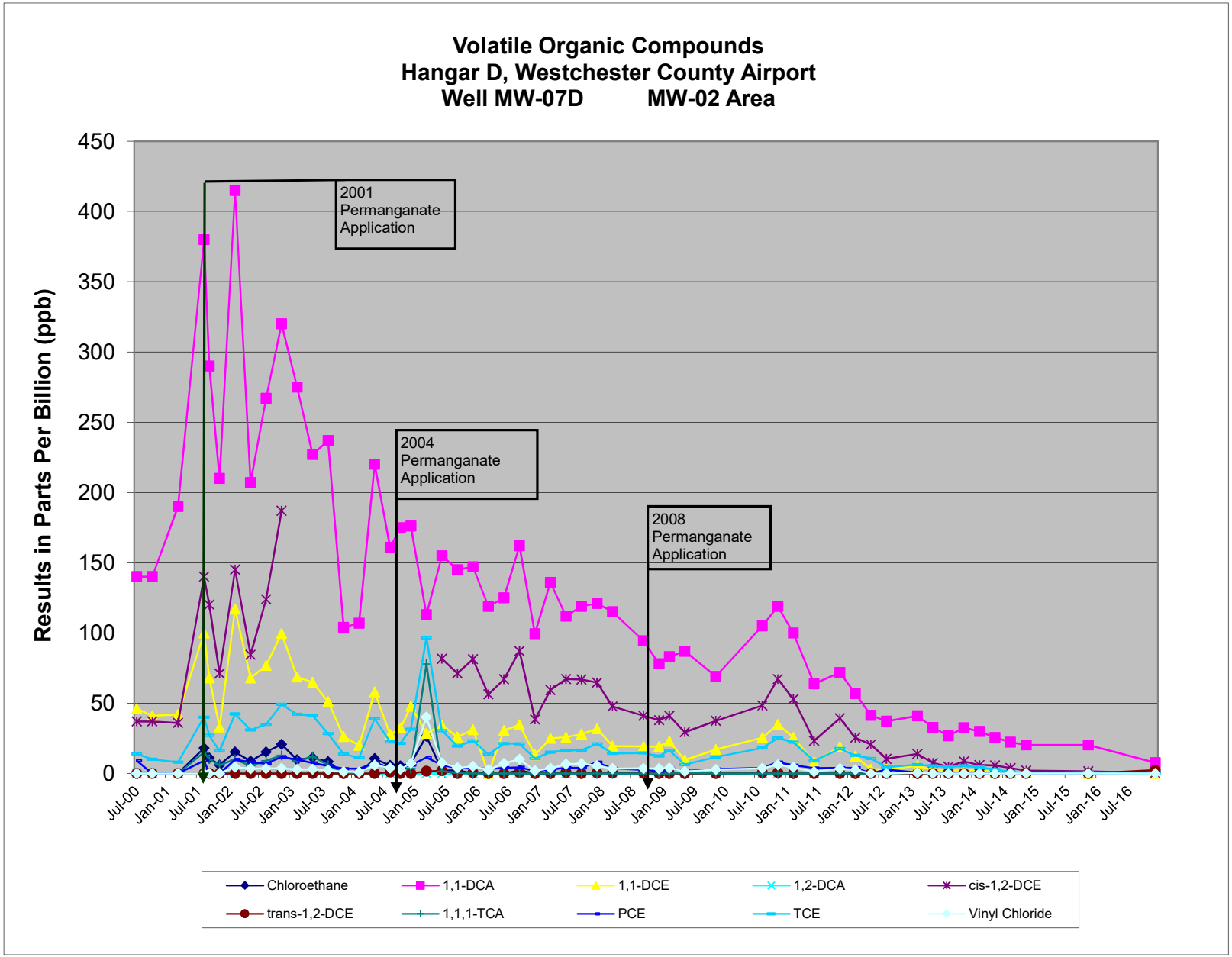

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-08S MW-01 Area
Results in Parts per Billion (ppb)
600
500
400
300
200
100
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Oct-03
Apr-04
Oct-04
Apr-05
Oct-05
Apr-06
Oct-06
Apr-07
Oct-07
Apr-08
Oct-08
Apr-09
Oct-09
Apr-10
Oct-10
Apr-11
Oct-11
Apr-12
Oct-12
Apr-13
Oct-13
Apr-14
Oct-14
Apr-15
Oct-15
Apr-16
Oct-16
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride

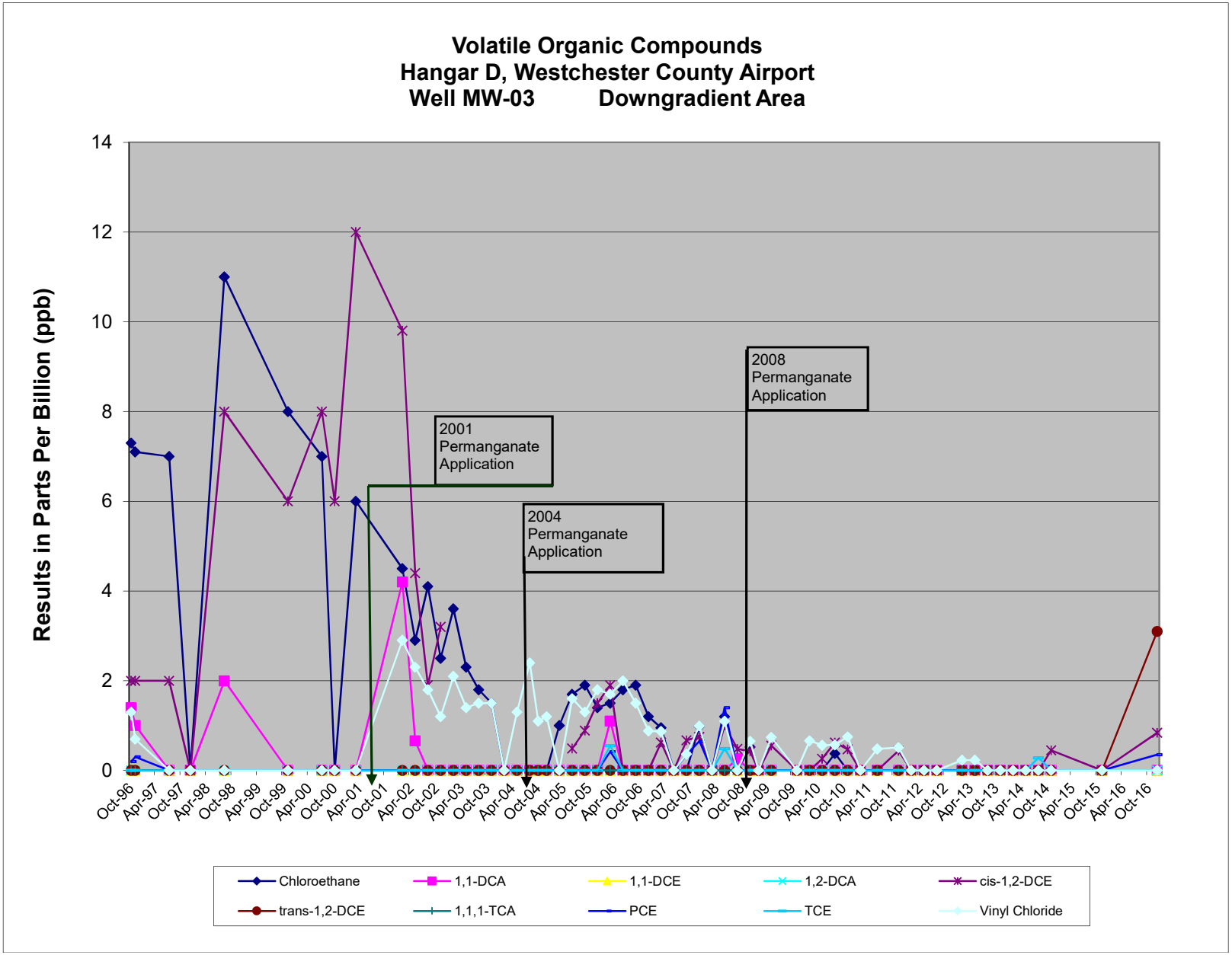

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-08D MW-01 Area
Results in Parts Per Billion (ppb)
160
140
120
100
80
60
40
20
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Note: Well used for pilot test. Not sampled during active phase of chemical.
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Oct-03
Apr-04
Oct-04
Apr-05
Oct-05
Apr-06
Oct-06
Apr-07
Oct-07
Apr-08
Oct-08
Apr-09
Oct-09
Apr-10
Oct-10
Apr-11
Oct-11
Apr-12
Oct-12
Apr-13
Oct-13
Apr-14
Oct-14
Apr-15
Oct-15
Apr-16
Oct-16
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride

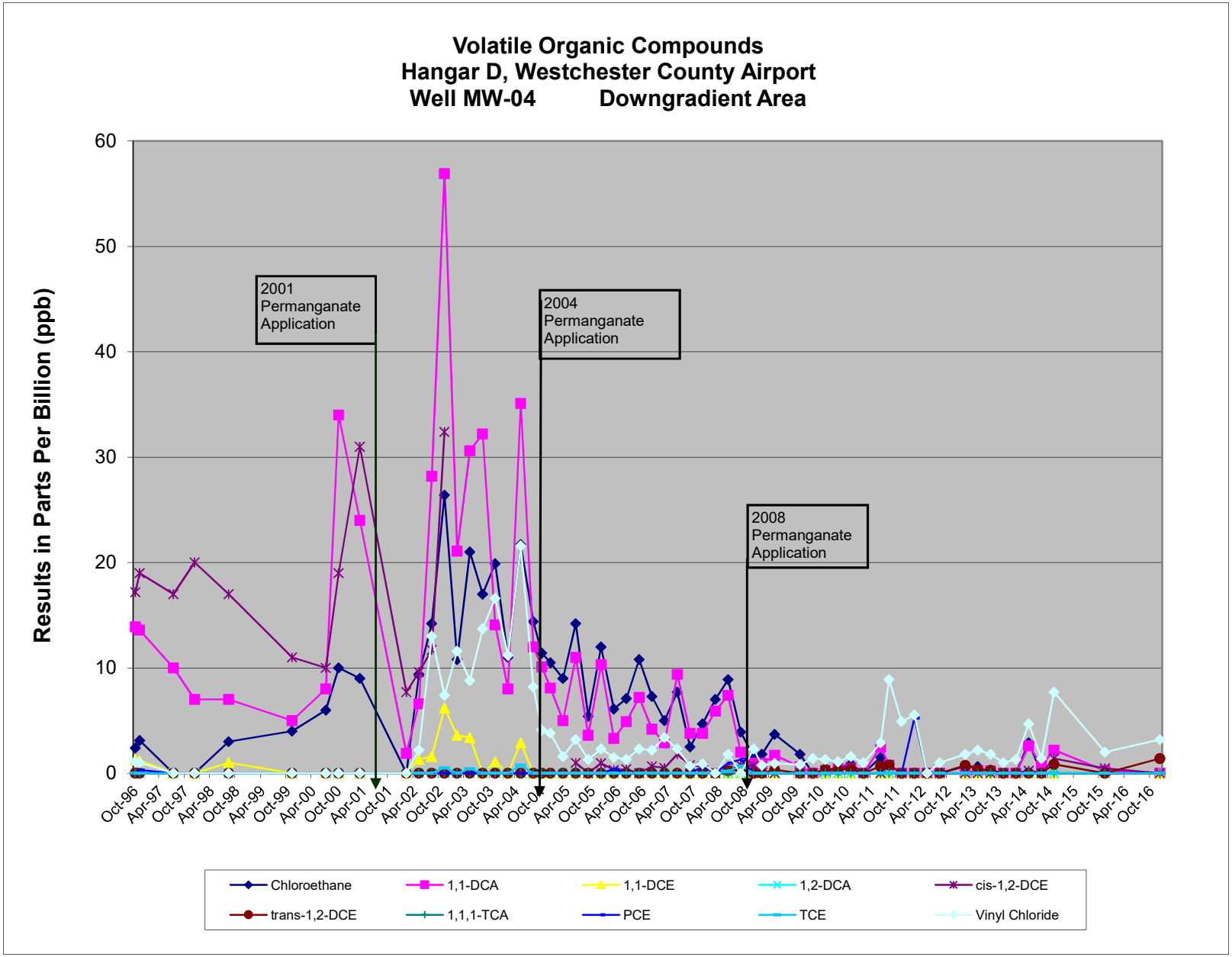

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-13 MW-01 Area
Results in Parts Per Billion (ppb)
2008 Permanganate Application
600
500
400
300
200
100
0
11/1/2008
2/1/2009
5/1/2009
8/1/2009
11/1/2009
2/1/2010
5/1/2010
8/1/2010
11/1/2010
2/1/2011
5/1/2011
8/1/2011
11/1/2011
2/1/2012
5/1/2012
8/1/2012
11/1/2012
2/1/2013
5/1/2013
8/1/2013
11/1/2013
2/1/2014
5/1/2014
8/1/2014
11/1/2014
2/1/2015
5/1/2015
8/1/2015
11/1/2015
2/1/2016
5/1/2016
8/1/2016
11/1/2016
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride


Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-02 MW-02 Area
Results in Parts Per Billion (ppb)
3500
3000
2500
2000
1500
1000
500
0
Note: Chloroethane (5500 ppb) and 1,1-DCA concentrations (5800 ppb) for Jul-97 are considered anomalous and shown as off-scale
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Oct-03
Apr-04
Oct-04
Apr-05
Oct-05
Apr-06
Oct-06
Apr-07
Oct-07
Apr-08
Oct-08
Apr-09
Oct-09
Apr-10
Oct-10
Apr-11
Oct-11
Apr-12
Oct-12
Apr-13
Oct-13
Apr-14
Oct-14
Apr-15
Oct-15
Apr-16
Oct-16
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride

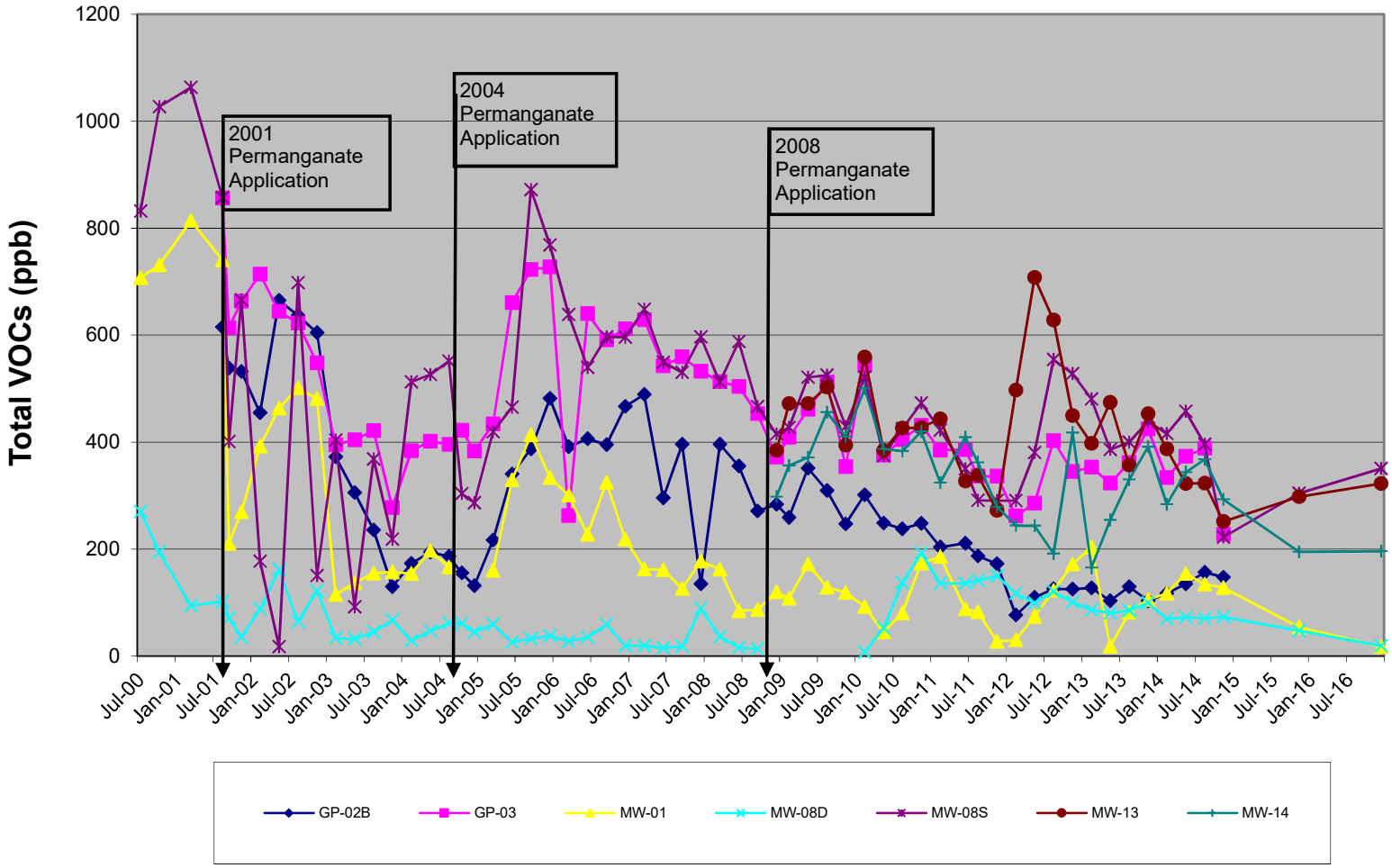

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-07S MW-02 Area
Results in Parts Per Billion (ppb)
1600
1400
1200
1000
800
600
400
200
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Nov-01
May-02
Nov-02
May-03
Nov-03
May-04
Nov-04
May-05
Nov-05
May-06
Nov-06
May-07
Nov-07
May-08
Nov-08
May-09
Nov-09
May-10
Nov-10
May-11
Nov-11
May-12
Nov-12
May-13
Nov-13
May-14
Nov-14
May-15
Nov-15
May-16
Nov-16
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride


Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-07D MW-02 Area
Results in Parts Per Billion (ppb)
450
400
350
300
250
200
150
100
50
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Jan-04
Jul-04
Jan-05
Jul-05
Jan-06
Jul-06
Jan-07
Jul-07
Jan-08
Jul-08
Jan-09
Jul-09
Jan-10
Jul-10
Jan-11
Jul-11
Jan-12
Jul-12
Jan-13
Jul-13
Jan-14
Jul-14
Jan-15
Jul-15
Jan-16
Jul-16
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride

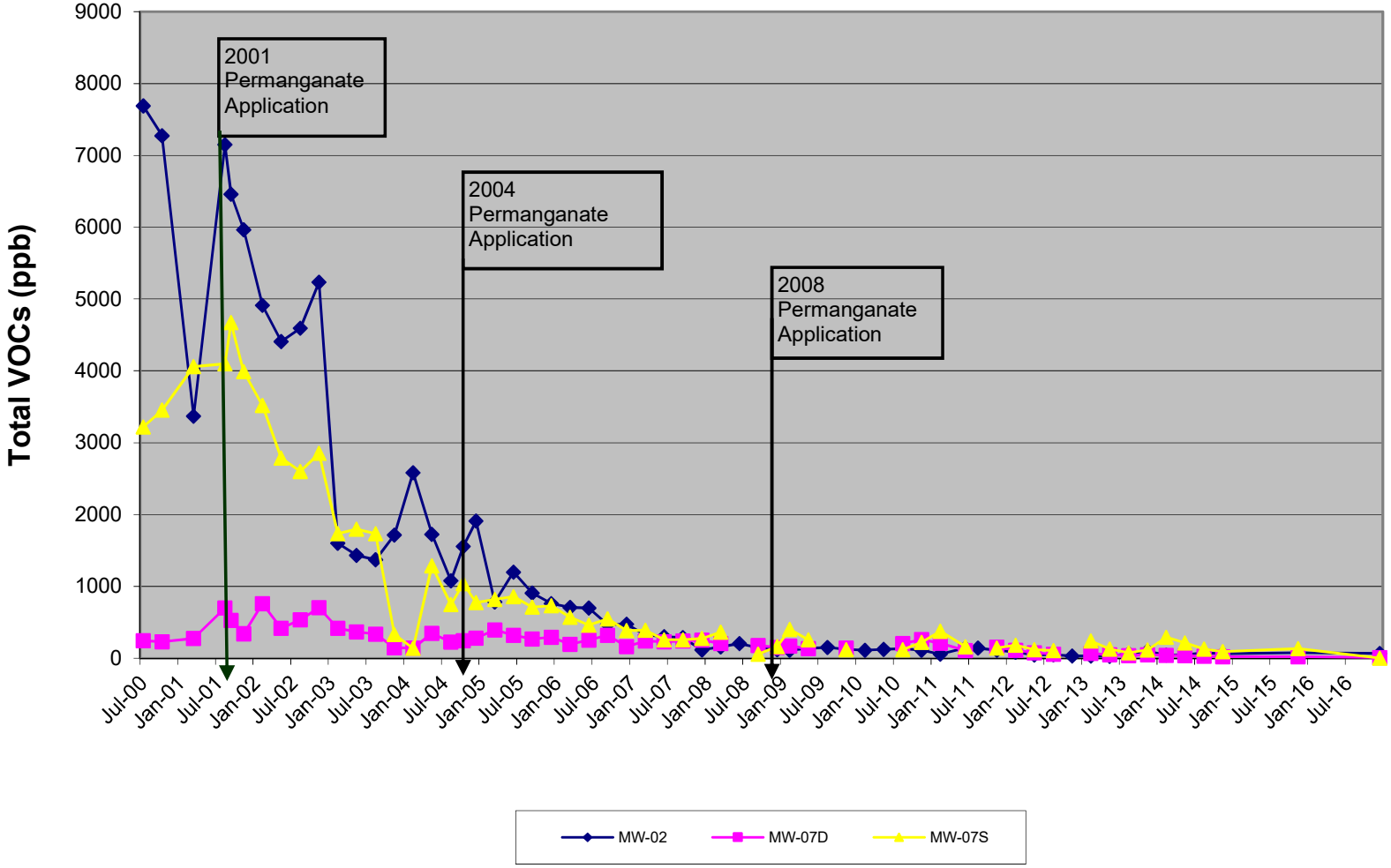

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-03 Downgradient Area
Results in Parts Per Billion (ppb)
14
12
10
8
6
4
2
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Oct-03
Apr-04
Oct-04
Apr-05
Oct-05
Apr-06
Oct-06
Apr-07
Oct-07
Apr-08
Oct-08
Apr-09
Oct-09
Apr-10
Oct-10
Apr-11
Oct-11
Apr-12
Oct-12
Apr-13
Oct-13
Apr-14
Oct-14
Apr-15
Oct-15
Apr-16
Oct-16
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride


Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-04 Downgradient Area
Results in Parts Per Billion (ppb)
60
50
40
30
20
10
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Oct-03
Apr-04
Oct-04
Apr-05
Oct-05
Apr-06
Oct-06
Apr-07
Oct-07
Apr-08
Oct-08
Apr-09
Oct-09
Apr-10
Oct-10
Apr-11
Oct-11
Apr-12
Oct-12
Apr-13
Oct-13
Apr-14
Oct-14
Apr-15
Oct-15
Apr-16
Oct-16
Chloroethane
1,1-DCA
1,1-DCE
1,2-DCA
cis-1,2-DCE
trans-1,2-DCE
1,1,1-TCA
PCE
TCE
Vinyl Chloride

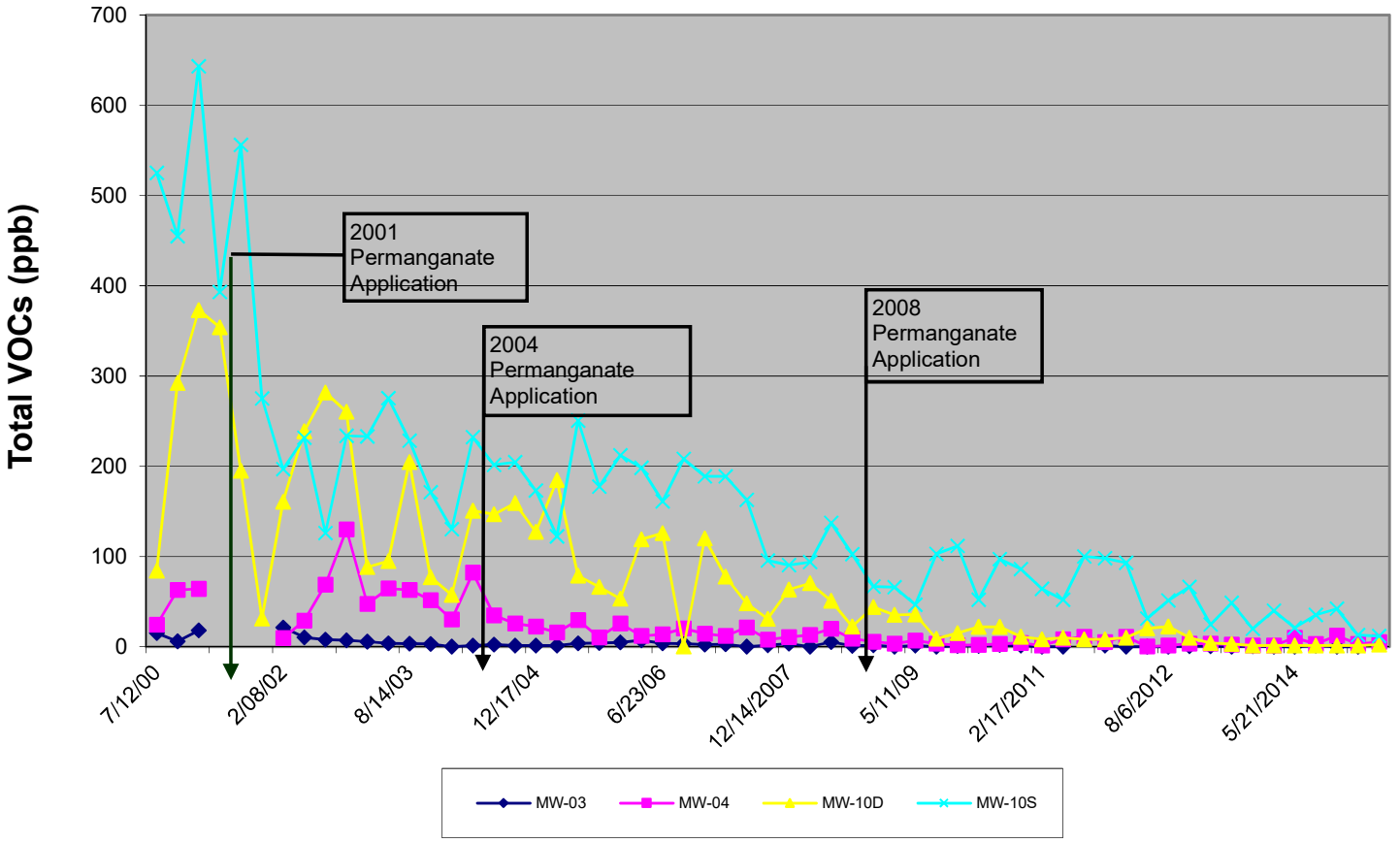
Total Volatile Organic Compounds by Well in Each Site Area
Hangar D, Westchester County Airport
MW-01 Area



Total Volatile Organic Compounds by Well in Each Site Area
Hangar D, Westchester County Airport
MW-02 Area



Total Volatile Organic Compounds by Well in Each Site Area
Hangar D, Westchester County Airport
Downgradient Area



ATTACHMENT C

e-Hardcopy 2.0
Automated Report

Technical Report for

Woodard & Curran

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

4410374117

SGS Accutest Job Number: JC33186

Sampling Dates: 12/01/16 - 12/02/16

Report to:

Woodard & Curran

Aproctor@woodardcurran.com

ATTN: Anne Proctor

Total number of pages in report: 569

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

SGS ACCUTEST

December 22 2016

Ms. Anne Proctor
Woodard & Curran
1520 Highland Avenue
Cheshire, CT 06410

RE: SGS Accutest –Dayton, Job # JC33186 – Reissues

Dear Ms. Proctor,

The final report for SGS Accutest jobs number JC33186 has edited to reflect corrections to the data package. These edits have been incorporated into the revised report attached.

Specifically, the report has been upgraded to including all associated samples/QCs raw data. This information has been retrieved and is included in this revised report.

Please contact me at (732) 355-4550 if I can be of further assistance in this matter.

Sincerely,

Report Department

SGS Accutest

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Sample Summary

Woodard & Curran

Job No: JC33186

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: 4410374117

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JC33186-1	12/01/16	11:00	RB	12/08/16	AQ	Ground Water	MW-01
JC33186-2	12/01/16	10:25	LM	12/08/16	AQ	Ground Water	MW-02
JC33186-3	12/02/16	13:05	BR	12/08/16	AQ	Ground Water	MW-03
JC33186-4	12/02/16	13:50	BR	12/08/16	AQ	Ground Water	MW-04
JC33186-5	12/02/16	12:15	BR	12/08/16	AQ	Ground Water	MW-07S
JC33186-6	12/02/16	12:30	BR	12/08/16	AQ	Ground Water	MW-07D
JC33186-7	12/01/16	11:55	RB	12/08/16	AQ	Ground Water	MW-08S
JC33186-8	12/01/16	11:35	RB	12/08/16	AQ	Ground Water	MW-08D
JC33186-9	12/02/16	13:50	LM	12/08/16	AQ	Ground Water	MW-09S
JC33186-10	12/02/16	14:30	LM	12/08/16	AQ	Ground Water	MW-09D
JC33186-11	12/02/16	14:40	BR	12/08/16	AQ	Ground Water	MW-10S
JC33186-12	12/02/16	15:15	BR	12/08/16	AQ	Ground Water	MW-10D
JC33186-13	12/01/16	12:30	RB	12/08/16	AQ	Ground Water	MW-12

Sample Summary
(continued)

Woodard & Curran

Job No: JC33186

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: 4410374117

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC33186-14	12/01/16	12:00	LM	12/08/16	AQ	Ground Water	MW-13
JC33186-15	12/01/16	11:10	LM	12/08/16	AQ	Ground Water	MW-14
JC33186-16	12/01/16	13:00	LM	12/08/16	AQ	Ground Water	MW-19
JC33186-17	12/01/16	14:05	RB	12/08/16	AQ	Ground Water	MW-20
JC33186-18	12/01/16	14:00	LM	12/08/16	AQ	Ground Water	MW-23
JC33186-19	12/01/16	13:30	RB	12/08/16	AQ	Ground Water	MW-24
JC33186-20	12/01/16	15:15	LM	12/08/16	AQ	Field Blank Water	FIELD BLANK DAY 1
JC33186-21	12/02/16	15:25	LM	12/08/16	AQ	Field Blank Water	FIELD BLANK DAY 2
JC33186-22	12/02/16	15:30	LM	12/08/16	AQ	Equipment Blank	RINSATE BLANK CREW 1
JC33186-23	12/02/16	15:35	BR	12/08/16	AQ	Equipment Blank	RINSATE BLANK CREW 2
JC33186-24	12/01/16	08:00	LM	12/08/16	AQ	Ground Water	HDBFD DAY 1
JC33186-25	12/02/16	14:40	BR	12/08/16	AQ	Ground Water	HDBFD DAY 2
JC33186-26	12/02/16	15:35	LM	12/08/16	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Woodard & Curran **Job No** JC33186

Site: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, Whit **Report Date** 12/23/2016 9:30:41 A

On 12/08/2016, 23 Sample(s), 1 Trip Blank(s) and 2 Field Blank(s) were received at SGS Accutest at a maximum corrected temperature of 3.5 C. Samples were intact and chemically preserved, unless noted below. A SGS Accutest Job Number of JC33186 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260C

Matrix: AQ **Batch ID:** V2A7371

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC33186-15MS, JC33186-16DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Tetrachloroethene are outside control limits for sample JC33186-16DUP. High RPD due to possible sample analyzed from different vials.

Matrix: AQ **Batch ID:** V2A7373

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC32757-7DUP, JC32757-8MS were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Benzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix: AQ **Batch ID:** V2B6504

- All samples were analyzed within the recommended method holding time.
- Sample(s) JC33186-3MS, JC33186-4DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for Duplicate for trans-1,2-Dichloroethene are outside control limits for sample JC33186-4DUP. High RPD due to possible sample analyzed from different vials.

Matrix: AQ **Batch ID:** V2B6506

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC33186-6MS, JC33186-9DUP were used as the QC samples indicated.
- Blank Spike Recovery(s) for 1,4-Dichlorobenzene are outside control limits.
- JC33186-12 for 1,4-Dichlorobenzene: This compound in BS is outside in house QC limits bias high.
- JC33186-11 for 1,4-Dichlorobenzene: This compound in BS is outside in house QC limits bias high.
- JC33186-9 for 1,4-Dichlorobenzene: This compound in BS is outside in house QC limits bias high.
- JC33186-6 for 1,4-Dichlorobenzene: This compound in BS is outside in house QC limits bias high.
- JC33186-10 for 1,4-Dichlorobenzene: This compound in BS is outside in house QC limits bias high.
- JC33186-21 for 1,4-Dichlorobenzene: This compound in BS is outside in house QC limits bias high.
- V2B6506-BS for 1,4-Dichlorobenzene: High percent recoveries and no associated positive reported in the QC batch.
- JC33186-25 for 1,4-Dichlorobenzene: This compound in BS is outside in house QC limits bias high.

Matrix: AQ **Batch ID:** V2D6790

- All samples were analyzed within the recommended method holding time.

Volatiles by GCMS By Method SW846 8260C

Matrix: AQ **Batch ID:** V2D6790

- All method blanks for this batch meet method specific criteria.
- Sample(s) JC32738-2MS, JC32738-3DUP were used as the QC samples indicated.

SGS Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS Accutest is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by SGS Accutest indicated via signature on the report cover

Summary of Hits

Job Number: JC33186
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 12/01/16 thru 12/02/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC33186-1	**MW-01**					
1,1-Dichloroethane		3.1	1.0	0.21	ug/l	SW846 8260C
cis-1,2-Dichloroethene		7.1	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		3.6	1.0	0.36	ug/l	SW846 8260C
Trichloroethene		0.32 J	1.0	0.26	ug/l	SW846 8260C
Vinyl chloride		3.3	1.0	0.33	ug/l	SW846 8260C
JC33186-2	**MW-02**					
1,1-Dichloroethane		26.7	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.44 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		18.1	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		0.49 J	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		4.5	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		8.4	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		4.1	1.0	0.26	ug/l	SW846 8260C
Vinyl chloride		7.1	1.0	0.33	ug/l	SW846 8260C
JC33186-3	**MW-03**					
Acetone		6.2 J	10	5.0	ug/l	SW846 8260C
cis-1,2-Dichloroethene		0.84 J	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		3.1	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		0.35 J	1.0	0.23	ug/l	SW846 8260C
JC33186-4	**MW-04**					
Benzene		0.18 J	0.50	0.14	ug/l	SW846 8260C
1,2-Dichlorobenzene		1.1	1.0	0.23	ug/l	SW846 8260C
trans-1,2-Dichloroethene		1.4	1.0	0.36	ug/l	SW846 8260C
Toluene		0.86 J	1.0	0.23	ug/l	SW846 8260C
Vinyl chloride		3.2	1.0	0.33	ug/l	SW846 8260C
JC33186-5	**MW-07S**					
Methylene chloride		2.6	2.0	1.0	ug/l	SW846 8260C
JC33186-6	**MW-07D**					
1,1-Dichloroethane		7.6	1.0	0.21	ug/l	SW846 8260C
cis-1,2-Dichloroethene		0.32 J	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		2.4	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		0.41 J	1.0	0.23	ug/l	SW846 8260C

Summary of Hits

Job Number: JC33186
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 12/01/16 thru 12/02/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC33186-7	**MW-08S**					
1,1-Dichloroethane		10	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.80 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		153	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		6.3	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		111	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		0.91 J	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		67.6	1.0	0.26	ug/l	SW846 8260C
Vinyl chloride		1.1	1.0	0.33	ug/l	SW846 8260C
JC33186-8	**MW-08D**					
1,1-Dichloroethane		0.97 J	1.0	0.21	ug/l	SW846 8260C
cis-1,2-Dichloroethene		8.2	1.0	0.31	ug/l	SW846 8260C
Tetrachloroethene		8.4	1.0	0.23	ug/l	SW846 8260C
Trichloroethene		1.6	1.0	0.26	ug/l	SW846 8260C
JC33186-9	**MW-09S**					
No hits reported in this sample.						
JC33186-10	**MW-09D**					
No hits reported in this sample.						
JC33186-11	**MW-10S**					
Chloroform		0.32 J	1.0	0.23	ug/l	SW846 8260C
1,1-Dichloroethane		5.5	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.35 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		2.5	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		1.6	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		0.80 J	1.0	0.23	ug/l	SW846 8260C
Trichloroethene		0.59 J	1.0	0.26	ug/l	SW846 8260C
JC33186-12	**MW-10D**					
1,1-Dichloroethane		1.1	1.0	0.21	ug/l	SW846 8260C
trans-1,2-Dichloroethene		1.3	1.0	0.36	ug/l	SW846 8260C
JC33186-13	**MW-12**					
1,1-Dichloroethane		0.53 J	1.0	0.21	ug/l	SW846 8260C
cis-1,2-Dichloroethene		3.2	1.0	0.31	ug/l	SW846 8260C

Summary of Hits

Job Number: JC33186
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 12/01/16 thru 12/02/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
trans-1,2-Dichloroethene		0.52 J	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		3.1	1.0	0.23	ug/l	SW846 8260C
Trichloroethene		1.7	1.0	0.26	ug/l	SW846 8260C
JC33186-14	**MW-13**					
1,1-Dichloroethane		6.7	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.53 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		104	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		1.1	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		190	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		1.7	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		18.2	1.0	0.26	ug/l	SW846 8260C
JC33186-15	**MW-14**					
1,1-Dichloroethane		5.4	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.41 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		81.7	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		0.90 J	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		86.5	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		0.84 J	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		22.4	1.0	0.26	ug/l	SW846 8260C
Vinyl chloride		1.6	1.0	0.33	ug/l	SW846 8260C
JC33186-16	**MW-19**					
Benzene		0.27 J	0.50	0.14	ug/l	SW846 8260C
1,1-Dichloroethane		1.9	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.30 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		123	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		14.0	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		5.6	1.0	0.23	ug/l	SW846 8260C
Trichloroethene		6.0	1.0	0.26	ug/l	SW846 8260C
Vinyl chloride		4.9	1.0	0.33	ug/l	SW846 8260C
JC33186-17	**MW-20**					
1,1-Dichloroethane		17.5	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.61 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		138	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		1.4	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		149	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		1.8	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		20.8	1.0	0.26	ug/l	SW846 8260C

Summary of Hits

Job Number: JC33186
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 12/01/16 thru 12/02/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC33186-18	**MW-23**					
1,1-Dichloroethane		1.7	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.45 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		3.9	1.0	0.31	ug/l	SW846 8260C
Tetrachloroethene		1.6	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		0.24 J	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		0.50 J	1.0	0.26	ug/l	SW846 8260C
JC33186-19	**MW-24**					
Chloroform		0.25 J	1.0	0.23	ug/l	SW846 8260C
1,1-Dichloroethane		9.9	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.69 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		146	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		2.5	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		241	10	2.3	ug/l	SW846 8260C
1,1,1-Trichloroethane		1.4	1.0	0.22	ug/l	SW846 8260C
Trichloroethene		62.5	1.0	0.26	ug/l	SW846 8260C
JC33186-20	**FIELD BLANK DAY 1**					
No hits reported in this sample.						
JC33186-21	**FIELD BLANK DAY 2**					
No hits reported in this sample.						
JC33186-22	**RINSATE BLANK CREW 1**					
No hits reported in this sample.						
JC33186-23	**RINSATE BLANK CREW 2**					
No hits reported in this sample.						
JC33186-24	**HDBFD DAY 1**					
1,1-Dichloroethane		5.9	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.56 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		90.3	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		0.91 J	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		184	1.0	0.23	ug/l	SW846 8260C
1,1,1-Trichloroethane		1.6	1.0	0.22	ug/l	SW846 8260C

Summary of Hits

Job Number: JC33186
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 12/01/16 thru 12/02/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Trichloroethene		18.7	1.0	0.26	ug/l	SW846 8260C
JC33186-25	**HDBFD DAY 2**					
Chloroform		0.32 J	1.0	0.23	ug/l	SW846 8260C
1,1-Dichloroethane		5.1	1.0	0.21	ug/l	SW846 8260C
1,1-Dichloroethene		0.30 J	1.0	0.20	ug/l	SW846 8260C
cis-1,2-Dichloroethene		2.2	1.0	0.31	ug/l	SW846 8260C
trans-1,2-Dichloroethene		2.9	1.0	0.36	ug/l	SW846 8260C
Tetrachloroethene		0.84 J	1.0	0.23	ug/l	SW846 8260C
Trichloroethene		0.59 J	1.0	0.26	ug/l	SW846 8260C
JC33186-26	**TRIP BLANK**					
No hits reported in this sample.						

Sample Results

Report of Analysis

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Report of Analysis

Client Sample ID:	MW-01		
Lab Sample ID:	JC33186-1	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D162147.D	1	12/15/16	BK	n/a	n/a	V2D6790
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	3.1	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	7.1	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	3.6	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	0.32	1.0	0.26	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	3.3	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-01		
Lab Sample ID:	JC33186-1	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	115%		73-122%
2037-26-5	Toluene-D8	102%		84-119%
460-00-4	4-Bromofluorobenzene	104%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-02		
Lab Sample ID:	JC33186-2	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D162148.D	1	12/15/16	BK	n/a	n/a	V2D6790
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	26.7	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.44	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	18.1	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.49	1.0	0.36	ug/l	J
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	4.5	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	8.4	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	4.1	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	7.1	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-02		
Lab Sample ID:	JC33186-2	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		76-120%
17060-07-0	1,2-Dichloroethane-D4	115%		73-122%
2037-26-5	Toluene-D8	101%		84-119%
460-00-4	4-Bromofluorobenzene	105%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-03		
Lab Sample ID:	JC33186-3	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146694.D	1	12/15/16	EH	n/a	n/a	V2B6504
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	6.2	10	5.0	ug/l	J
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.84	1.0	0.31	ug/l	J
156-60-5	trans-1,2-Dichloroethene	3.1	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	0.35	1.0	0.23	ug/l	J
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-03		
Lab Sample ID:	JC33186-3	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		76-120%
17060-07-0	1,2-Dichloroethane-D4	107%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	99%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-04		
Lab Sample ID:	JC33186-4	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146695.D	1	12/15/16	EH	n/a	n/a	V2B6504
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	0.18	0.50	0.14	ug/l	J
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	1.1	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.4	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	0.86	1.0	0.23	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	3.2	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-04		
Lab Sample ID:	JC33186-4	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		76-120%
17060-07-0	1,2-Dichloroethane-D4	107%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	96%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-07S		
Lab Sample ID:	JC33186-5	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146696.D	1	12/15/16	EH	n/a	n/a	V2B6504
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	2.6	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-07S		
Lab Sample ID:	JC33186-5	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	108%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	99%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-07D		
Lab Sample ID:	JC33186-6	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146741.D	1	12/16/16	EH	n/a	n/a	V2B6506
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene [a]	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	7.6	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.32	1.0	0.31	ug/l	J
156-60-5	trans-1,2-Dichloroethene	2.4	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	0.41	1.0	0.23	ug/l	J
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-07D		
Lab Sample ID:	JC33186-6	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-120%
17060-07-0	1,2-Dichloroethane-D4	99%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	97%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-08S		
Lab Sample ID:	JC33186-7	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D162140.D	1	12/15/16	BK	n/a	n/a	V2D6790
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	10	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.80	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	153	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	6.3	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	111	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.91	1.0	0.22	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	67.6	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	1.1	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-08S		
Lab Sample ID:	JC33186-7	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		76-120%
17060-07-0	1,2-Dichloroethane-D4	116%		73-122%
2037-26-5	Toluene-D8	101%		84-119%
460-00-4	4-Bromofluorobenzene	105%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-08D		
Lab Sample ID:	JC33186-8	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D162150.D	1	12/15/16	BK	n/a	n/a	V2D6790
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	0.97	1.0	0.21	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	8.2	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	8.4	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	1.6	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-08D		
Lab Sample ID:	JC33186-8	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		76-120%
17060-07-0	1,2-Dichloroethane-D4	115%		73-122%
2037-26-5	Toluene-D8	102%		84-119%
460-00-4	4-Bromofluorobenzene	105%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-09S		
Lab Sample ID:	JC33186-9	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146742.D	1	12/16/16	EH	n/a	n/a	V2B6506
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene [a]	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-09S		
Lab Sample ID:	JC33186-9	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	101%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	95%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-09D		
Lab Sample ID:	JC33186-10	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146740.D	1	12/16/16	EH	n/a	n/a	V2B6506
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene [a]	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-09D		
Lab Sample ID:	JC33186-10	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		76-120%
17060-07-0	1,2-Dichloroethane-D4	100%		73-122%
2037-26-5	Toluene-D8	96%		84-119%
460-00-4	4-Bromofluorobenzene	97%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-10S		
Lab Sample ID:	JC33186-11	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146743.D	1	12/16/16	EH	n/a	n/a	V2B6506
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	0.32	1.0	0.23	ug/l	J
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene [a]	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	5.5	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.35	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	2.5	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.6	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	0.80	1.0	0.23	ug/l	J
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	0.59	1.0	0.26	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10S		
Lab Sample ID:	JC33186-11	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	99%		73-122%
2037-26-5	Toluene-D8	96%		84-119%
460-00-4	4-Bromofluorobenzene	97%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-10D		
Lab Sample ID:	JC33186-12	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146744.D	1	12/16/16	EH	n/a	n/a	V2B6506
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene [a]	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	1.1	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.3	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D		
Lab Sample ID:	JC33186-12	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		76-120%
17060-07-0	1,2-Dichloroethane-D4	101%		73-122%
2037-26-5	Toluene-D8	96%		84-119%
460-00-4	4-Bromofluorobenzene	97%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	JC33186-13	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D162151.D	1	12/15/16	BK	n/a	n/a	V2D6790
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	0.53	1.0	0.21	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	3.2	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.52	1.0	0.36	ug/l	J
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	3.1	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	1.7	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	JC33186-13	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	115%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	103%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-13		
Lab Sample ID:	JC33186-14	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D162149.D	1	12/15/16	BK	n/a	n/a	V2D6790
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	6.7	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.53	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	104	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.1	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	190	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	1.7	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	18.2	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13		
Lab Sample ID:	JC33186-14	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		76-120%
17060-07-0	1,2-Dichloroethane-D4	117%		73-122%
2037-26-5	Toluene-D8	102%		84-119%
460-00-4	4-Bromofluorobenzene	104%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-14		
Lab Sample ID:	JC33186-15	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174100.D	1	12/15/16	JC	n/a	n/a	V2A7371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	5.4	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.41	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	81.7	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.90	1.0	0.36	ug/l	J
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	86.5	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.84	1.0	0.22	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	22.4	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	1.6	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14		
Lab Sample ID:	JC33186-15	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		76-120%
17060-07-0	1,2-Dichloroethane-D4	102%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19		
Lab Sample ID:	JC33186-16	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174101.D	1	12/15/16	JC	n/a	n/a	V2A7371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	0.27	0.50	0.14	ug/l	J
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	1.9	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.30	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	123	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	14.0	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	5.6	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	6.0	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	4.9	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19		
Lab Sample ID:	JC33186-16	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		76-120%
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	99%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-20		
Lab Sample ID:	JC33186-17	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D162141.D	1	12/15/16	BK	n/a	n/a	V2D6790
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	17.5	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.61	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	138	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.4	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	149	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	1.8	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	20.8	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20		
Lab Sample ID:	JC33186-17	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		76-120%
17060-07-0	1,2-Dichloroethane-D4	116%		73-122%
2037-26-5	Toluene-D8	102%		84-119%
460-00-4	4-Bromofluorobenzene	105%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-23		
Lab Sample ID:	JC33186-18	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174102.D	1	12/15/16	JC	n/a	n/a	V2A7371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	1.7	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.45	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	3.9	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	1.6	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.24	1.0	0.22	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	0.50	1.0	0.26	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-23		
Lab Sample ID:	JC33186-18	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%
17060-07-0	1,2-Dichloroethane-D4	103%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24		
Lab Sample ID:	JC33186-19	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174104.D	1	12/15/16	JC	n/a	n/a	V2A7371
Run #2	2A174098.D	10	12/15/16	JC	n/a	n/a	V2A7371

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	0.25	1.0	0.23	ug/l	J
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	9.9	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.69	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	146	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.5	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	241 [a]	10	2.3	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	1.4	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	62.5	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24		
Lab Sample ID:	JC33186-19	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	101%	76-120%
17060-07-0	1,2-Dichloroethane-D4	104%	102%	73-122%
2037-26-5	Toluene-D8	99%	100%	84-119%
460-00-4	4-Bromofluorobenzene	102%	100%	78-117%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	FIELD BLANK DAY 1		
Lab Sample ID:	JC33186-20	**Date Sampled:**	12/01/16
Matrix:	AQ - Field Blank Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174099.D	1	12/15/16	JC	n/a	n/a	V2A7371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELD BLANK DAY 1		
Lab Sample ID:	JC33186-20	**Date Sampled:**	12/01/16
Matrix:	AQ - Field Blank Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		76-120%
17060-07-0	1,2-Dichloroethane-D4	103%		73-122%
2037-26-5	Toluene-D8	100%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	FIELD BLANK DAY 2		
Lab Sample ID:	JC33186-21	**Date Sampled:**	12/02/16
Matrix:	AQ - Field Blank Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146739.D	1	12/16/16	EH	n/a	n/a	V2B6506
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene [a]	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELD BLANK DAY 2		
Lab Sample ID:	JC33186-21	**Date Sampled:**	12/02/16
Matrix:	AQ - Field Blank Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		76-120%
17060-07-0	1,2-Dichloroethane-D4	100%		73-122%
2037-26-5	Toluene-D8	96%		84-119%
460-00-4	4-Bromofluorobenzene	97%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	RINSATE BLANK CREW 1		
Lab Sample ID:	JC33186-22	**Date Sampled:**	12/02/16
Matrix:	AQ - Equipment Blank	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174108.D	1	12/15/16	JC	n/a	n/a	V2A7371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE BLANK CREW 1		
Lab Sample ID:	JC33186-22	**Date Sampled:**	12/02/16
Matrix:	AQ - Equipment Blank	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	RINSATE BLANK CREW 2		
Lab Sample ID:	JC33186-23	**Date Sampled:**	12/02/16
Matrix:	AQ - Equipment Blank	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174109.D	1	12/15/16	JC	n/a	n/a	V2A7371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE BLANK CREW 2		
Lab Sample ID:	JC33186-23	**Date Sampled:**	12/02/16
Matrix:	AQ - Equipment Blank	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%
17060-07-0	1,2-Dichloroethane-D4	103%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	99%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	HDBFD DAY 1		
Lab Sample ID:	JC33186-24	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174103.D	1	12/15/16	JC	n/a	n/a	V2A7371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	5.9	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.56	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	90.3	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.91	1.0	0.36	ug/l	J
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	184	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	1.6	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	18.7	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HDBFD DAY 1		
Lab Sample ID:	JC33186-24	**Date Sampled:**	12/01/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		76-120%
17060-07-0	1,2-Dichloroethane-D4	103%		73-122%
2037-26-5	Toluene-D8	100%		84-119%
460-00-4	4-Bromofluorobenzene	101%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	HDBFD DAY 2		
Lab Sample ID:	JC33186-25	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B146745.D	1	12/16/16	EH	n/a	n/a	V2B6506
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	0.32	1.0	0.23	ug/l	J
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene [a]	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	5.1	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.30	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	2.2	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.9	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	0.84	1.0	0.23	ug/l	J
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	0.59	1.0	0.26	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HDBFD DAY 2		
Lab Sample ID:	JC33186-25	**Date Sampled:**	12/02/16
Matrix:	AQ - Ground Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	100%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	96%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC33186-26	**Date Sampled:**	12/02/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A174142.D	1	12/16/16	JC	n/a	n/a	V2A7373
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.33	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
76-13-1	Freon 113	ND	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC33186-26	**Date Sampled:**	12/02/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		76-120%
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	98%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

GW FB RB WTB

ACCUTEST LABORATORIES

Ref: S490-56894 Date: 25Aug16
Dep: Wgt: 10.00 LBS
DV:
Svcs: PRIORITY OVERNIGHT Master 7016 5586 8408 TRCK: 7016 5586 8555

SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
0.00 TOTAL: 0.00

bil Projects

PAGE 1 OF 3

www.accutest.com

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC33186

Client / Reporting Information

Company Name: Woodard and Curran
Street Address: 1520 Highland Avenue
City: Cheshire State: CT Zip: 06410
Project Contact: Anne Proctor E-mail: aproctor@woodardcurran.com
Phone #: 203-699-6042 Fax #: 203-271-7952
Sampler(s) Name(s): Phone #: 866-835

SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects

Retail Project (Site Name): ExxonMobil Environmental Services Co.
Major Project (AFE): Site No. 300837
Project Name: ExxonMobil Westchester County Airport Hangar D
City: White Plains State: New York
ExxonMobil Manager: Elaine Lamm
ExxonMobil Purchase Order #: 4410374117

If Project is Direct Bill to Consultant

Company Name
Street Address
City State Zip
Attention: PO#

Requested Analysis (see TEST CODE sheet)

VOCs, 8260B VAIX8260 AQ VTAGM All + Cis-1,2-Dichloroethene

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOCs, 8260B VAIX8260 AQ VTAGM All + Cis-1,2-Dichloroethene	LAB USE ONLY
1	MW-01		12-1-16	1100	RB	GW	3	3								X	-1
2	MW-02		12-1-16	1095	LM	GW	3	3								X	2
3	MW-03		12-2-16	1305	BR	GW	3	3								X	3 V751
4	MW-04		12-2-16	1350	BR	GW	3	3								X	4
5	MW-07S		12-2-16	1215	BR	GW	3	3								X	5 V750
6	MW-07D		12-2-16	1230	BR	GW	3	3								X	6
7	MW-08S		12-1-16	1155	RB	GW	3	3								X	7
8	MW-08D		12-1-16	1135	RB	GW	3	3								X	8
9	MW-09S		12.2.16	1350	LM	GW	3	3								X	9
10	MW-09D		12.2.16	1430	LM	GW	3	3								X	10
11	MW-10S		12-2-16	1440	BR	GW	3	3								X	11
12	MW-10D		12-2-16	1515	BR	GW	3	3								X	12

Turnaround Time (Business days)

- [X] Std. 10 Business Days
- [ ] 5 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

INITIAL ASSESSMENT 3A

LABEL VERIFICATION JM

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Bill to ExxonMobil project Manager Elaine Lamm

GES Reference: 1102547-94206-023101

* QC VOA

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Rich Brown	12-1-16/1600	1 GES Fridge	2 Brian Reibling	12-2-16/1730	2 GES Fridge
3	Brian Reibling	12-5-16/1500	3 Fed Ex	4		12-6-16 1945 3.7c
5		12-7-16/1030	5 FEDEX RELD FEDEX	Custody Seal #	Intact / Not Intact	Preserved where applicable / On Ice / Cooler Temp. 21 C

ACCUTEST LABORATORIES

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE 2 OF 3

Accutest New Jersey (Mid Atlantic) Regional Lab 2235
Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # JC33186

Client / Reporting Information

Company Name: Woodard and Curran
Street Address: 1520 Highland Avenue
City: Cheshire State: CT Zip: 06410
Project Contact: Anne Proctor E-mail: aproctor@woodardcurran.com
Phone #: 203-699-8042 Fax #: 203-271-7952
Sampler(s) Name(s): [signature] Phone #: 866-839
ExxonMobil Purchase Order #: 4410374117

SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects

Retail Project (Site Name): ExxonMobil Environmental Services Co.
Major Project (AFE): Site No. 300037
Project Name: ExxonMobil Westchester County Airport Hangar D
City: White Plains State: New York
ExxonMobil Manager: Elaine Lamm

If Project is Direct Bill to Consultant
Company Name:
Street Address:
City State Zip:
Attention: PO#

Requested Analysis (see TEST CODE sheet)

VOCs, 8260B VA0X8260 AQ VTAQM All + Cis-1,2-Dichloroethene

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOCs, 8260B VA0X8260 AQ VTAQM All + Cis-1,2-Dichloroethene	LAB USE ONLY
13	MW-12		12-1-16	1230	RB	GW	3	3								X	13
14	MW-13	*	12-1-16	1200	CW	GW	4	4								X	14
15	MW-14		12-1-16	1110	CW	GW	3	3								X	15
16	MW-19		12-1-16	1300	CW	GW	3	3								X	16
17	MW-20	*	12-1-16	1405	RB	GW	4	4								X	17
18	MW-23		12-1-16	1400	CW	GW	3	3								X	18
19	MW-24		12-1-16	1330	RB	GW	3	3								X	19

Turnaround Time (Business days)

Approved By (Accutest PM): / Date:

- [X] Std. 10 Business Days
- [ ] 8 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Bill to ExxonMobil project Manager Elaine Lamm

* QC VOA

GES Reference: 1102547-94206-023101

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Rich Brown	12-1-16/1600	GES Fridge	Brian Reibling	12-2-16/730	GES Fridge
3	Brian Reibling	12-5-16/1500	Fed Ex			
5	[signature]	12-7-16@1050				

Custody Seal # | [ ] Intact [ ] Not Intact | Preserved where applicable [ ] | On Ice [ ] | Cooler Temp.

4 [signature] 12-6-16@0945 3.7c

ACCUTEST LABORATORIES

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE 3 OF 3

Accutest New Jersey (Mid Atlantic) Regional Lab 2235
Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # | Bottle Order Control #

Accutest Quote # | Accutest Job # JC33186

Client / Reporting Information

Company Name: Woodard and Curran
Street Address: 1520 Highland Avenue
City: Cheshire State: CT Zip: 06410
Project Contact: Anne Proctor E-mail: aproctor@woodardcurran.com
Phone #: 203-699-6042 Fax #: 203-271-7952
Sampler(s) Name(s): [signature] Phone #: 866-839

SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects

Retail Project (Site Name):
Major Project (AFE): Site No. 360937
Project Name: ExxonMobil Westchester County Airport Hanger D
City: White Plains State: New York
ExxonMobil Manager: Elaine Lamm
ExxonMobil Purchase Order #: 4410374117

ExxonMobil Environmental Services Co.
If Project is Direct Bill to Consultant
Company Name
Street Address
City State Zip
Attention: PO#

Requested Analysis (see TEST CODE sheet)

VOCs, 8260B VATK8260 AQ VTAGM All + Cis-1,2-Dichloroethane

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY
20	Field Blank Day 1		12-1-16	1515	LM	FB	3	3								20
21	Field Blank Day 2		12-2-16	1585	LM	FB	3	3								21
22	Rinsate Blank Crew 1		12-2-16	1530	LM	EB	3	3								22
23	Rinsate Blank Crew 2		12-2-16	1535	BR	EB	3	3								23
24	HDBFD Day 1		12-1-16	0800	LM	GW	3	3								24
25	HDBFD Day 2		12-2-16	1440	BR	GW	3	3								25
26	Trip Blank		12-2-16	1345	LM	TB	2	2								26

Turnaround Time (Business days)

Approved By (Accutest PM): / Date:

- [X] Std. 10 Business Days
- [ ] 8 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Bill to ExxonMobil project Manager Elaine Lamm

GES Reference: 1102547-94206-023101

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Rich Brown	12-1-16 1600	GES Fridge	Brian Reibling	12-2-16/1730	GES Fridge
3	Brian Reibling	12-5-16/1500	Fed Ex			
4						Tam 12-6-16 @ 0945 3.9
5	[signature]	12-7-16 1030				

Custody Seal # | Intact / Not Intact | Preserved where applicable | On Ice | Cooler Temp.

SGS Accutest Sample Receipt Summary

Job Number: JC33186 **Client:** _____ **Project:** _____

Date / Time Received: 12/8/2016 10:00:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1);

Cooler Temps (Corrected) °C: Cooler 1: (3.5);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

SM089-02
Rev. Date 12/1/16

Job Change Order: JC33186

Requested Date:	12/23/2016	**Received Date:**	12/8/2016
Account Name:	Woodard & Curran	**Due Date:**	12/22/2016
Project Description:	ExxonMobil Terminal Orphin, Hangar D, Westchest	**Deliverable:**	COMMA
CSR:	mattc	**TAT (Days):**	14

==========

Sample #: JC33186-all

Dept:

TAT:

Change:
upgrade report to NYASPB and reissue by 12/23

==========

Above Changes Per:

Date/Time: 12/23/2016 8:41:12 AM

To Client: This Change Order is confirmation of the revisions, previously discussed with the SGS Accutest Client Service Representative.

Internal Sample Tracking Chronicle

Woodard & Curran

Job No: JC33186

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: 4410374117

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JC33186-1 MW-01	Collected: 01-DEC-16 11:00 By: RB		Received: 08-DEC-16 By: AS			
JC33186-1	SW846 8260C	15-DEC-16 17:39	BK			V8260TAGM
JC33186-2 MW-02	Collected: 01-DEC-16 10:25 By: LM		Received: 08-DEC-16 By: AS			
JC33186-2	SW846 8260C	15-DEC-16 18:09	BK			V8260TAGM
JC33186-3 MW-03	Collected: 02-DEC-16 13:05 By: BR		Received: 08-DEC-16 By: AS			
JC33186-3	SW846 8260C	15-DEC-16 14:32	EH			V8260TAGM
JC33186-4 MW-04	Collected: 02-DEC-16 13:50 By: BR		Received: 08-DEC-16 By: AS			
JC33186-4	SW846 8260C	15-DEC-16 15:03	EH			V8260TAGM
JC33186-5 MW-07S	Collected: 02-DEC-16 12:15 By: BR		Received: 08-DEC-16 By: AS			
JC33186-5	SW846 8260C	15-DEC-16 15:33	EH			V8260TAGM
JC33186-6 MW-07D	Collected: 02-DEC-16 12:30 By: BR		Received: 08-DEC-16 By: AS			
JC33186-6	SW846 8260C	16-DEC-16 16:50	EH			V8260TAGM
JC33186-7 MW-08S	Collected: 01-DEC-16 11:55 By: RB		Received: 08-DEC-16 By: AS			
JC33186-7	SW846 8260C	15-DEC-16 14:06	BK			V8260TAGM
JC33186-8 MW-08D	Collected: 01-DEC-16 11:35 By: RB		Received: 08-DEC-16 By: AS			
JC33186-8	SW846 8260C	15-DEC-16 19:10	BK			V8260TAGM

Internal Sample Tracking Chronicle

Woodard & Curran

Job No: JC33186

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: 4410374117

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JC33186-9 MW-09S	Collected: 02-DEC-16 13:50 By: LM		Received: 08-DEC-16 By: AS			
JC33186-9	SW846 8260C	16-DEC-16 17:21	EH			V8260TAGM
JC33186-10 MW-09D	Collected: 02-DEC-16 14:30 By: LM		Received: 08-DEC-16 By: AS			
JC33186-10	SW846 8260C	16-DEC-16 16:19	EH			V8260TAGM
JC33186-11 MW-10S	Collected: 02-DEC-16 14:40 By: BR		Received: 08-DEC-16 By: AS			
JC33186-11	SW846 8260C	16-DEC-16 17:51	EH			V8260TAGM
JC33186-12 MW-10D	Collected: 02-DEC-16 15:15 By: BR		Received: 08-DEC-16 By: AS			
JC33186-12	SW846 8260C	16-DEC-16 18:22	EH			V8260TAGM
JC33186-13 MW-12	Collected: 01-DEC-16 12:30 By: RB		Received: 08-DEC-16 By: AS			
JC33186-13	SW846 8260C	15-DEC-16 19:40	BK			V8260TAGM
JC33186-14 MW-13	Collected: 01-DEC-16 12:00 By: LM		Received: 08-DEC-16 By: AS			
JC33186-14	SW846 8260C	15-DEC-16 18:39	BK			V8260TAGM
JC33186-15 MW-14	Collected: 01-DEC-16 11:10 By: LM		Received: 08-DEC-16 By: AS			
JC33186-15	SW846 8260C	15-DEC-16 16:00	JC			V8260TAGM
JC33186-16 MW-19	Collected: 01-DEC-16 13:00 By: LM		Received: 08-DEC-16 By: AS			
JC33186-16	SW846 8260C	15-DEC-16 16:30	JC			V8260TAGM

Internal Sample Tracking Chronicle

Woodard & Curran

Job No: JC33186

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: 4410374117

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JC33186-17 Collected: 01-DEC-16 14:05 By: RB MW-20				Received: 08-DEC-16	By: AS	
JC33186-17	SW846 8260C	15-DEC-16 14:36	BK			V8260TAGM
JC33186-18 Collected: 01-DEC-16 14:00 By: LM MW-23				Received: 08-DEC-16	By: AS	
JC33186-18	SW846 8260C	15-DEC-16 16:59	JC			V8260TAGM
JC33186-19 Collected: 01-DEC-16 13:30 By: RB MW-24				Received: 08-DEC-16	By: AS	
JC33186-19	SW846 8260C	15-DEC-16 15:00	JC			V8260TAGM
JC33186-19	SW846 8260C	15-DEC-16 17:59	JC			V8260TAGM
JC33186-20 Collected: 01-DEC-16 15:15 By: LM FIELD BLANK DAY 1				Received: 08-DEC-16	By: AS	
JC33186-20	SW846 8260C	15-DEC-16 15:30	JC			V8260TAGM
JC33186-21 Collected: 02-DEC-16 15:25 By: LM FIELD BLANK DAY 2				Received: 08-DEC-16	By: AS	
JC33186-21	SW846 8260C	16-DEC-16 15:48	EH			V8260TAGM
JC33186-22 Collected: 02-DEC-16 15:30 By: LM RINSATE BLANK CREW 1				Received: 08-DEC-16	By: AS	
JC33186-22	SW846 8260C	15-DEC-16 19:57	JC			V8260TAGM
JC33186-23 Collected: 02-DEC-16 15:35 By: BR RINSATE BLANK CREW 2				Received: 08-DEC-16	By: AS	
JC33186-23	SW846 8260C	15-DEC-16 20:26	JC			V8260TAGM
JC33186-24 Collected: 01-DEC-16 08:00 By: LM HDBFD DAY 1				Received: 08-DEC-16	By: AS	

Internal Sample Tracking Chronicle

Woodard & Curran

Job No: JC33186

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: 4410374117

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JC33186-24	SW846 8260C	15-DEC-16 17:29	JC			V8260TAGM
JC33186-25	Collected: 02-DEC-16 14:40 By: BR		Received: 08-DEC-16 By: AS			
	HDBFD DAY 2					
JC33186-25	SW846 8260C	16-DEC-16 18:53	EH			V8260TAGM
JC33186-26	Collected: 02-DEC-16 15:35 By: LM		Received: 08-DEC-16 By: AS			
	TRIP BLANK					
JC33186-26	SW846 8260C	16-DEC-16 14:29	JC			V8260TAGM

SGS Accutest Internal Chain of Custody

Job Number: JC33186
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 12/08/16

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JC33186-1.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-1.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-1.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-1.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-1.1	GCMS2A	Jia-Min Chu	12/15/16 12:36	Unload from Instrument
JC33186-1.1	Jia-Min Chu	GCMS2D	12/15/16 12:36	Load on Instrument
JC33186-1.1	GCMS2D	Bridget Kelly	12/16/16 09:18	Unload from Instrument
JC33186-1.1	Bridget Kelly	Secured Storage	12/16/16 09:18	Return to Storage
JC33186-1.2	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-1.2	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-1.2	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-1.2	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-2.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-2.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-2.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-2.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-2.1	GCMS2A	Jia-Min Chu	12/15/16 12:36	Unload from Instrument
JC33186-2.1	Jia-Min Chu	GCMS2D	12/15/16 12:36	Load on Instrument
JC33186-2.1	GCMS2D	Bridget Kelly	12/16/16 09:18	Unload from Instrument
JC33186-2.1	Bridget Kelly	Secured Storage	12/16/16 09:18	Return to Storage
JC33186-2.2	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-2.2	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-2.2	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-2.2	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-3.1	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-3.1	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-3.1	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-3.1	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-4.1	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-4.1	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-4.1	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-4.1	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-5.1	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-5.1	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-5.1	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-5.1	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-6.1	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage

SGS Accutest Internal Chain of Custody

Job Number: JC33186
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 12/08/16

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JC33186-6.1	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-6.1	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-6.1	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-6.1	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-6.1	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-6.1	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-6.1	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-6.2	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-6.2	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-6.2	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-6.2	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-7.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-7.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-7.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-7.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-7.2	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-7.2	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-7.2	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-7.2	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-7.2	GCMS2A	Jia-Min Chu	12/15/16 12:36	Unload from Instrument
JC33186-7.2	Jia-Min Chu	GCMS2D	12/15/16 12:36	Load on Instrument
JC33186-7.2	GCMS2D	Bridget Kelly	12/16/16 09:18	Unload from Instrument
JC33186-7.2	Bridget Kelly	Secured Storage	12/16/16 09:18	Return to Storage
JC33186-8.2	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-8.2	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-8.2	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-8.2	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-8.2	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-8.2	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-8.2	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-8.2	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-8.2	GCMS2A	Jia-Min Chu	12/15/16 12:36	Unload from Instrument
JC33186-8.2	Jia-Min Chu	GCMS2D	12/15/16 12:36	Load on Instrument
JC33186-8.2	GCMS2D	Bridget Kelly	12/16/16 09:18	Unload from Instrument
JC33186-8.2	Bridget Kelly	Secured Storage	12/16/16 09:18	Return to Storage
JC33186-9.1	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-9.1	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-9.1	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-9.1	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage

SGS Accutest Internal Chain of Custody

Job Number: JC33186
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 12/08/16

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JC33186-9.1	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-9.1	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-9.1	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-9.1	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-9.2	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-9.2	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-9.2	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-9.2	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-10.1	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-10.1	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-10.1	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-10.1	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-10.2	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-10.2	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-10.2	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-10.2	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-11.2	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-11.2	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-11.2	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-11.2	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-11.2	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-11.2	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-11.2	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-11.2	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-12.2	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-12.2	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-12.2	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-12.2	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-12.2	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-12.2	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-12.2	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-12.2	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-13.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-13.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-13.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-13.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-13.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-13.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument

SGS Accutest Internal Chain of Custody

Job Number: JC33186
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 12/08/16

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JC33186-13.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-13.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-13.1	GCMS2A	Jia-Min Chu	12/15/16 12:36	Unload from Instrument
JC33186-13.1	Jia-Min Chu	GCMS2D	12/15/16 12:36	Load on Instrument
JC33186-13.1	GCMS2D	Bridget Kelly	12/16/16 09:18	Unload from Instrument
JC33186-13.1	Bridget Kelly	Secured Storage	12/16/16 09:18	Return to Storage
JC33186-14.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-14.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-14.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-14.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-14.2	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-14.2	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-14.2	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-14.2	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-14.3	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-14.3	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-14.3	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-14.3	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-14.3	GCMS2A	Jia-Min Chu	12/15/16 12:36	Unload from Instrument
JC33186-14.3	Jia-Min Chu	GCMS2D	12/15/16 12:36	Load on Instrument
JC33186-14.3	GCMS2D	Bridget Kelly	12/16/16 09:18	Unload from Instrument
JC33186-14.3	Bridget Kelly	Secured Storage	12/16/16 09:18	Return to Storage
JC33186-15.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-15.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-15.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-15.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-15.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-15.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-15.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-15.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-15.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-15.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage
JC33186-16.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-16.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-16.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-16.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-16.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-16.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-16.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument

SGS Accutest Internal Chain of Custody

Job Number: JC33186
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 12/08/16

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JC33186-16.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-16.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-16.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage
JC33186-17.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-17.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-17.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-17.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-17.2	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-17.2	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-17.2	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-17.2	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-17.3	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-17.3	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-17.3	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-17.3	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-17.3	GCMS2A	Jia-Min Chu	12/15/16 12:36	Unload from Instrument
JC33186-17.3	Jia-Min Chu	GCMS2D	12/15/16 12:36	Load on Instrument
JC33186-17.3	GCMS2D	Bridget Kelly	12/16/16 09:18	Unload from Instrument
JC33186-17.3	Bridget Kelly	Secured Storage	12/16/16 09:18	Return to Storage
JC33186-18.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-18.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-18.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-18.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-18.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-18.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-18.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-18.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-18.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-18.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage
JC33186-19.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-19.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-19.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-19.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-19.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-19.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-19.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-19.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-19.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-19.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage

SGS Accutest Internal Chain of Custody

Job Number: JC33186
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 12/08/16

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JC33186-20.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-20.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-20.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-20.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-20.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-20.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-20.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-20.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-20.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-20.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage
JC33186-21.1	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-21.1	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument
JC33186-21.1	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-21.1	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-21.1	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-21.1	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-21.1	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-21.1	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-22.1	Secured Storage	Jia-Min Chu	12/15/16 14:18	Retrieve from Storage
JC33186-22.1	Jia-Min Chu	GCMS2A	12/15/16 14:18	Load on Instrument
JC33186-22.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-22.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage
JC33186-23.1	Secured Storage	Jia-Min Chu	12/15/16 14:18	Retrieve from Storage
JC33186-23.1	Jia-Min Chu	GCMS2A	12/15/16 14:18	Load on Instrument
JC33186-23.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-23.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage
JC33186-24.1	Secured Storage	Jia-Min Chu	12/14/16 17:01	Retrieve from Storage
JC33186-24.1	Jia-Min Chu	GCMS2B	12/14/16 17:01	Load on Instrument
JC33186-24.1	GCMS2B	Jia-Min Chu	12/15/16 11:37	Unload from Instrument
JC33186-24.1	Jia-Min Chu	Secured Storage	12/15/16 11:37	Return to Storage
JC33186-24.1	Secured Storage	Jia-Min Chu	12/15/16 11:38	Retrieve from Storage
JC33186-24.1	Jia-Min Chu	GCMS2B	12/15/16 11:38	Load on Instrument
JC33186-24.1	GCMS2B	Jia-Min Chu	12/15/16 12:35	Unload from Instrument
JC33186-24.1	Jia-Min Chu	GCMS2A	12/15/16 12:35	Load on Instrument
JC33186-24.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-24.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage
JC33186-25.2	Secured Storage	Jia-Min Chu	12/15/16 14:14	Retrieve from Storage
JC33186-25.2	Jia-Min Chu	GCMS2B	12/15/16 14:14	Load on Instrument

SGS Accutest Internal Chain of Custody

Job Number: JC33186
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 12/08/16

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JC33186-25.2	GCMS2B	Eddie Huang	12/16/16 09:46	Unload from Instrument
JC33186-25.2	Eddie Huang	Secured Storage	12/16/16 09:46	Return to Storage
JC33186-25.2	Secured Storage	Eddie Huang	12/16/16 15:27	Retrieve from Storage
JC33186-25.2	Eddie Huang	GCMS2B	12/16/16 15:27	Load on Instrument
JC33186-25.2	GCMS2B	Eddie Huang	12/19/16 12:13	Unload from Instrument
JC33186-25.2	Eddie Huang	Secured Storage	12/19/16 12:13	Return to Storage
JC33186-26.1	Secured Storage	Toan Pham	12/16/16 12:45	Retrieve from Storage
JC33186-26.1	Toan Pham	GCMS2A	12/16/16 12:45	Load on Instrument
JC33186-26.1	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-26.1	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage
JC33186-26.2	Secured Storage	Jia-Min Chu	12/15/16 14:18	Retrieve from Storage
JC33186-26.2	Jia-Min Chu	GCMS2A	12/15/16 14:18	Load on Instrument
JC33186-26.2	GCMS2A	Toan Pham	12/18/16 11:20	Unload from Instrument
JC33186-26.2	Toan Pham	Secured Storage	12/18/16 11:20	Return to Storage

e-Hardcopy 2.0
Automated Report

Technical Report for

Woodard & Curran

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

PO#4410420870 80022598 0008

SGS Accutest Job Number: JC31566

Sampling Date: 11/10/16

Report to:

Woodard & Curran

Aproctor@woodardcurran.com

ATTN: Anne Proctor

Total number of pages in report: 35

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

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Sample Summary

Woodard & Curran

Job No: JC31566

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: PO#4410420870 80022598 0008

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JC31566-1	11/10/16	15:40	CA	11/11/16	AIR	Soil Vapor Comp.	SVV-1 (SUB-SLAB)
JC31566-2	11/10/16	15:41	CA	11/11/16	AIR	Ambient Air Comp.	SVV-1 (AMBIENT)
JC31566-3	11/10/16	15:49	CA	11/11/16	AIR	Soil Vapor Comp.	SVV-2 (SUB-SLAB)
JC31566-4	11/10/16	15:50	CA	11/11/16	AIR	Ambient Air Comp.	RECEPTION
JC31566-5	11/10/16	15:51	CA	11/11/16	AIR	Ambient Air Comp.	LOUNGE
JC31566-6	11/10/16	16:05	CA	11/11/16	AIR	Ambient Air Comp.	OUTDOOR
JC31566-7	11/10/16	15:45	CA	11/11/16	AIR	Soil Vapor Comp.	SVV-3 (SUB-SLAB)
JC31566-8	11/10/16	15:46	CA	11/11/16	AIR	Ambient Air Comp.	SVV-3 (AMBIENT)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Woodard & Curran **Job No** JC31566

Site: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, Whit **Report Date** 11/28/2016 2:33:57 P

On 11/11/2016, 8 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at SGS Accutest. A SGS Accutest Job Number of JC31566 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR **Batch ID:** V3W2159

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC31740-3DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Heptane are outside control limits for sample JC31740-3DUP. Outside in house control limits.

Matrix: AIR **Batch ID:** V3W2160

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC30735-84DUP were used as the QC samples indicated.

SGS Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS Accutest is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by SGS Accutest indicated via signature on the report cover

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC31566-1	**SVV-1 (SUB-SLAB)**					
Acetone		5.7	0.20	0.036	ppbv	TO-15
Benzene		0.15 J	0.20	0.031	ppbv	TO-15
Dichlorodifluoromethane		0.35	0.20	0.019	ppbv	TO-15
Ethanol		5.3	0.50	0.075	ppbv	TO-15
Ethylbenzene		0.24	0.20	0.042	ppbv	TO-15
Ethyl Acetate		2.2	0.20	0.075	ppbv	TO-15
4-Ethyltoluene		0.28	0.20	0.017	ppbv	TO-15
Heptane		0.20	0.20	0.020	ppbv	TO-15
Hexane		0.29	0.20	0.023	ppbv	TO-15
Isopropyl Alcohol		4.5	0.20	0.16	ppbv	TO-15
Methylene chloride		0.15 J	0.20	0.025	ppbv	TO-15
Methyl ethyl ketone		3.0	0.20	0.048	ppbv	TO-15
1,1,1-Trichloroethane		0.62	0.10	0.024	ppbv	TO-15
1,2,4-Trimethylbenzene		0.59	0.20	0.015	ppbv	TO-15
1,3,5-Trimethylbenzene		0.17 J	0.20	0.045	ppbv	TO-15
2,2,4-Trimethylpentane		5.9	0.20	0.023	ppbv	TO-15
Tertiary Butyl Alcohol		0.73	0.20	0.053	ppbv	TO-15
Tetrachloroethylene		0.17	0.040	0.023	ppbv	TO-15
Toluene		5.1	0.20	0.012	ppbv	TO-15
Trichloroethylene		0.042	0.040	0.019	ppbv	TO-15
Trichlorofluoromethane		0.30	0.10	0.022	ppbv	TO-15
m,p-Xylene		0.83	0.20	0.068	ppbv	TO-15
o-Xylene		0.32	0.20	0.051	ppbv	TO-15
Xylenes (total)		1.2	0.20	0.051	ppbv	TO-15
Acetone		14	0.48	0.086	ug/m3	TO-15
Benzene		0.48 J	0.64	0.099	ug/m3	TO-15
Dichlorodifluoromethane		1.7	0.99	0.094	ug/m3	TO-15
Ethanol		10	0.94	0.14	ug/m3	TO-15
Ethylbenzene		1.0	0.87	0.18	ug/m3	TO-15
Ethyl Acetate		7.9	0.72	0.27	ug/m3	TO-15
4-Ethyltoluene		1.4	0.98	0.084	ug/m3	TO-15
Heptane		0.82	0.82	0.082	ug/m3	TO-15
Hexane		1.0	0.70	0.081	ug/m3	TO-15
Isopropyl Alcohol		11	0.49	0.39	ug/m3	TO-15
Methylene chloride		0.52 J	0.69	0.087	ug/m3	TO-15
Methyl ethyl ketone		8.8	0.59	0.14	ug/m3	TO-15
1,1,1-Trichloroethane		3.4	0.55	0.13	ug/m3	TO-15
1,2,4-Trimethylbenzene		2.9	0.98	0.074	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.84 J	0.98	0.22	ug/m3	TO-15
2,2,4-Trimethylpentane		28	0.93	0.11	ug/m3	TO-15
Tertiary Butyl Alcohol		2.2	0.61	0.16	ug/m3	TO-15
Tetrachloroethylene		1.2	0.27	0.16	ug/m3	TO-15
Toluene		19	0.75	0.045	ug/m3	TO-15

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Trichloroethylene		0.23	0.21	0.10	ug/m3	TO-15
Trichlorofluoromethane		1.7	0.56	0.12	ug/m3	TO-15
m,p-Xylene		3.6	0.87	0.30	ug/m3	TO-15
o-Xylene		1.4	0.87	0.22	ug/m3	TO-15
Xylenes (total)		5.2	0.87	0.22	ug/m3	TO-15
JC31566-2	**SVV-1 (AMBIENT)**					
Acetone		3.6	0.20	0.036	ppbv	TO-15
Benzene		0.23	0.20	0.031	ppbv	TO-15
Chloromethane		0.40	0.20	0.052	ppbv	TO-15
Cyclohexane		0.11 J	0.20	0.016	ppbv	TO-15
Dichlorodifluoromethane		0.33	0.20	0.019	ppbv	TO-15
Ethanol		6.7	0.50	0.075	ppbv	TO-15
Ethylbenzene		0.19 J	0.20	0.042	ppbv	TO-15
Ethyl Acetate		0.81	0.20	0.075	ppbv	TO-15
4-Ethyltoluene		0.19 J	0.20	0.017	ppbv	TO-15
Heptane		0.26	0.20	0.020	ppbv	TO-15
Hexane		0.21	0.20	0.023	ppbv	TO-15
Isopropyl Alcohol		15.2	0.20	0.16	ppbv	TO-15
Methylene chloride		0.25	0.20	0.025	ppbv	TO-15
Methyl ethyl ketone		2.3	0.20	0.048	ppbv	TO-15
1,1,1-Trichloroethane		0.15	0.10	0.024	ppbv	TO-15
1,2,4-Trimethylbenzene		0.44	0.20	0.015	ppbv	TO-15
1,3,5-Trimethylbenzene		0.11 J	0.20	0.045	ppbv	TO-15
2,2,4-Trimethylpentane		9.7	0.20	0.023	ppbv	TO-15
Toluene		4.2	0.20	0.012	ppbv	TO-15
Trichlorofluoromethane		0.21	0.10	0.022	ppbv	TO-15
m,p-Xylene		0.68	0.20	0.068	ppbv	TO-15
o-Xylene		0.24	0.20	0.051	ppbv	TO-15
Xylenes (total)		0.92	0.20	0.051	ppbv	TO-15
Acetone		8.6	0.48	0.086	ug/m3	TO-15
Benzene		0.73	0.64	0.099	ug/m3	TO-15
Chloromethane		0.83	0.41	0.11	ug/m3	TO-15
Cyclohexane		0.38 J	0.69	0.055	ug/m3	TO-15
Dichlorodifluoromethane		1.6	0.99	0.094	ug/m3	TO-15
Ethanol		13	0.94	0.14	ug/m3	TO-15
Ethylbenzene		0.83 J	0.87	0.18	ug/m3	TO-15
Ethyl Acetate		2.9	0.72	0.27	ug/m3	TO-15
4-Ethyltoluene		0.93 J	0.98	0.084	ug/m3	TO-15
Heptane		1.1	0.82	0.082	ug/m3	TO-15
Hexane		0.74	0.70	0.081	ug/m3	TO-15
Isopropyl Alcohol		37.4	0.49	0.39	ug/m3	TO-15
Methylene chloride		0.87	0.69	0.087	ug/m3	TO-15
Methyl ethyl ketone		6.8	0.59	0.14	ug/m3	TO-15

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,1,1-Trichloroethane		0.82	0.55	0.13	ug/m3	TO-15
1,2,4-Trimethylbenzene		2.2	0.98	0.074	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.54 J	0.98	0.22	ug/m3	TO-15
2,2,4-Trimethylpentane		45	0.93	0.11	ug/m3	TO-15
Toluene		16	0.75	0.045	ug/m3	TO-15
Trichlorofluoromethane		1.2	0.56	0.12	ug/m3	TO-15
m,p-Xylene		3.0	0.87	0.30	ug/m3	TO-15
o-Xylene		1.0	0.87	0.22	ug/m3	TO-15
Xylenes (total)		4.0	0.87	0.22	ug/m3	TO-15
JC31566-3	**SVV-2 (SUB-SLAB)**					
Acetone		11.8	0.20	0.036	ppbv	TO-15
Benzene		0.15 J	0.20	0.031	ppbv	TO-15
Chloroform		0.25	0.20	0.017	ppbv	TO-15
1,4-Dioxane		0.61	0.20	0.045	ppbv	TO-15
Dichlorodifluoromethane		9.9	0.20	0.019	ppbv	TO-15
Ethanol		7.5	0.50	0.075	ppbv	TO-15
Ethylbenzene		0.13 J	0.20	0.042	ppbv	TO-15
Ethyl Acetate		0.71	0.20	0.075	ppbv	TO-15
4-Ethyltoluene		0.28	0.20	0.017	ppbv	TO-15
Heptane		0.23	0.20	0.020	ppbv	TO-15
Hexane		0.25	0.20	0.023	ppbv	TO-15
2-Hexanone		0.17 J	0.20	0.045	ppbv	TO-15
Isopropyl Alcohol		2.1	0.20	0.16	ppbv	TO-15
Methylene chloride		0.13 J	0.20	0.025	ppbv	TO-15
Methyl ethyl ketone		3.6	0.20	0.048	ppbv	TO-15
Methyl Isobutyl Ketone		0.19 J	0.20	0.055	ppbv	TO-15
1,1,1-Trichloroethane		0.66	0.10	0.024	ppbv	TO-15
1,2,4-Trimethylbenzene		0.33	0.20	0.015	ppbv	TO-15
1,3,5-Trimethylbenzene		0.14 J	0.20	0.045	ppbv	TO-15
2,2,4-Trimethylpentane		1.6	0.20	0.023	ppbv	TO-15
Tertiary Butyl Alcohol		0.55	0.20	0.053	ppbv	TO-15
Tetrachloroethylene		3.3	0.040	0.023	ppbv	TO-15
Tetrahydrofuran		1.2	0.20	0.045	ppbv	TO-15
Toluene		1.8	0.20	0.012	ppbv	TO-15
Trichloroethylene		0.55	0.040	0.019	ppbv	TO-15
Trichlorofluoromethane		0.76	0.10	0.022	ppbv	TO-15
m,p-Xylene		0.41	0.20	0.068	ppbv	TO-15
o-Xylene		0.14 J	0.20	0.051	ppbv	TO-15
Xylenes (total)		0.55	0.20	0.051	ppbv	TO-15
Acetone		28.0	0.48	0.086	ug/m3	TO-15
Benzene		0.48 J	0.64	0.099	ug/m3	TO-15
Chloroform		1.2	0.98	0.083	ug/m3	TO-15
1,4-Dioxane		2.2	0.72	0.16	ug/m3	TO-15

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Dichlorodifluoromethane		49	0.99	0.094	ug/m3	TO-15
Ethanol		14	0.94	0.14	ug/m3	TO-15
Ethylbenzene		0.56 J	0.87	0.18	ug/m3	TO-15
Ethyl Acetate		2.6	0.72	0.27	ug/m3	TO-15
4-Ethyltoluene		1.4	0.98	0.084	ug/m3	TO-15
Heptane		0.94	0.82	0.082	ug/m3	TO-15
Hexane		0.88	0.70	0.081	ug/m3	TO-15
2-Hexanone		0.70 J	0.82	0.18	ug/m3	TO-15
Isopropyl Alcohol		5.2	0.49	0.39	ug/m3	TO-15
Methylene chloride		0.45 J	0.69	0.087	ug/m3	TO-15
Methyl ethyl ketone		11	0.59	0.14	ug/m3	TO-15
Methyl Isobutyl Ketone		0.78 J	0.82	0.23	ug/m3	TO-15
1,1,1-Trichloroethane		3.6	0.55	0.13	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.6	0.98	0.074	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.69 J	0.98	0.22	ug/m3	TO-15
2,2,4-Trimethylpentane		7.5	0.93	0.11	ug/m3	TO-15
Tertiary Butyl Alcohol		1.7	0.61	0.16	ug/m3	TO-15
Tetrachloroethylene		22	0.27	0.16	ug/m3	TO-15
Tetrahydrofuran		3.5	0.59	0.13	ug/m3	TO-15
Toluene		6.8	0.75	0.045	ug/m3	TO-15
Trichloroethylene		3.0	0.21	0.10	ug/m3	TO-15
Trichlorofluoromethane		4.3	0.56	0.12	ug/m3	TO-15
m,p-Xylene		1.8	0.87	0.30	ug/m3	TO-15
o-Xylene		0.61 J	0.87	0.22	ug/m3	TO-15
Xylenes (total)		2.4	0.87	0.22	ug/m3	TO-15
JC31566-4	**RECEPTION**					
Acetone		4.6	0.20	0.036	ppbv	TO-15
Benzene		0.19 J	0.20	0.031	ppbv	TO-15
Chloromethane		0.53	0.20	0.052	ppbv	TO-15
Cyclohexane		0.12 J	0.20	0.016	ppbv	TO-15
Dichlorodifluoromethane		0.38	0.20	0.019	ppbv	TO-15
Ethanol		6.9	0.50	0.075	ppbv	TO-15
Ethylbenzene		0.11 J	0.20	0.042	ppbv	TO-15
Ethyl Acetate		0.51	0.20	0.075	ppbv	TO-15
Heptane		0.24	0.20	0.020	ppbv	TO-15
Hexane		0.20	0.20	0.023	ppbv	TO-15
Isopropyl Alcohol		8.6	0.20	0.16	ppbv	TO-15
Methylene chloride		0.16 J	0.20	0.025	ppbv	TO-15
Methyl ethyl ketone		1.5	0.20	0.048	ppbv	TO-15
Methyl Isobutyl Ketone		0.12 J	0.20	0.055	ppbv	TO-15
1,2,4-Trimethylbenzene		0.12 J	0.20	0.015	ppbv	TO-15
2,2,4-Trimethylpentane		3.1	0.20	0.023	ppbv	TO-15
Toluene		1.7	0.20	0.012	ppbv	TO-15

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Trichlorofluoromethane		0.29	0.10	0.022	ppbv	TO-15
m,p-Xylene		0.35	0.20	0.068	ppbv	TO-15
o-Xylene		0.13 J	0.20	0.051	ppbv	TO-15
Xylenes (total)		0.48	0.20	0.051	ppbv	TO-15
Acetone		11	0.48	0.086	ug/m3	TO-15
Benzene		0.61 J	0.64	0.099	ug/m3	TO-15
Chloromethane		1.1	0.41	0.11	ug/m3	TO-15
Cyclohexane		0.41 J	0.69	0.055	ug/m3	TO-15
Dichlorodifluoromethane		1.9	0.99	0.094	ug/m3	TO-15
Ethanol		13	0.94	0.14	ug/m3	TO-15
Ethylbenzene		0.48 J	0.87	0.18	ug/m3	TO-15
Ethyl Acetate		1.8	0.72	0.27	ug/m3	TO-15
Heptane		0.98	0.82	0.082	ug/m3	TO-15
Hexane		0.70	0.70	0.081	ug/m3	TO-15
Isopropyl Alcohol		21	0.49	0.39	ug/m3	TO-15
Methylene chloride		0.56 J	0.69	0.087	ug/m3	TO-15
Methyl ethyl ketone		4.4	0.59	0.14	ug/m3	TO-15
Methyl Isobutyl Ketone		0.49 J	0.82	0.23	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.59 J	0.98	0.074	ug/m3	TO-15
2,2,4-Trimethylpentane		14	0.93	0.11	ug/m3	TO-15
Toluene		6.4	0.75	0.045	ug/m3	TO-15
Trichlorofluoromethane		1.6	0.56	0.12	ug/m3	TO-15
m,p-Xylene		1.5	0.87	0.30	ug/m3	TO-15
o-Xylene		0.56 J	0.87	0.22	ug/m3	TO-15
Xylenes (total)		2.1	0.87	0.22	ug/m3	TO-15
JC31566-5	**LOUNGE**					
Acetone		4.6	0.20	0.036	ppbv	TO-15
Benzene		0.21	0.20	0.031	ppbv	TO-15
Chloromethane		0.42	0.20	0.052	ppbv	TO-15
Cyclohexane		0.12 J	0.20	0.016	ppbv	TO-15
Dichlorodifluoromethane		0.36	0.20	0.019	ppbv	TO-15
Ethanol		7.1	0.50	0.075	ppbv	TO-15
Ethylbenzene		0.14 J	0.20	0.042	ppbv	TO-15
Ethyl Acetate		1.2	0.20	0.075	ppbv	TO-15
Heptane		0.25	0.20	0.020	ppbv	TO-15
Hexane		0.23	0.20	0.023	ppbv	TO-15
Isopropyl Alcohol		8.6	0.20	0.16	ppbv	TO-15
Methylene chloride		0.15 J	0.20	0.025	ppbv	TO-15
Methyl ethyl ketone		2.0	0.20	0.048	ppbv	TO-15
Propylene		1.4	0.50	0.032	ppbv	TO-15
1,2,4-Trimethylbenzene		0.28	0.20	0.015	ppbv	TO-15
2,2,4-Trimethylpentane		2.8	0.20	0.023	ppbv	TO-15
Toluene		1.7	0.20	0.012	ppbv	TO-15

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Trichlorofluoromethane		0.29	0.10	0.022	ppbv	TO-15
m,p-Xylene		0.48	0.20	0.068	ppbv	TO-15
o-Xylene		0.18 J	0.20	0.051	ppbv	TO-15
Xylenes (total)		0.66	0.20	0.051	ppbv	TO-15
Acetone		11	0.48	0.086	ug/m3	TO-15
Benzene		0.67	0.64	0.099	ug/m3	TO-15
Chloromethane		0.87	0.41	0.11	ug/m3	TO-15
Cyclohexane		0.41 J	0.69	0.055	ug/m3	TO-15
Dichlorodifluoromethane		1.8	0.99	0.094	ug/m3	TO-15
Ethanol		13	0.94	0.14	ug/m3	TO-15
Ethylbenzene		0.61 J	0.87	0.18	ug/m3	TO-15
Ethyl Acetate		4.3	0.72	0.27	ug/m3	TO-15
Heptane		1.0	0.82	0.082	ug/m3	TO-15
Hexane		0.81	0.70	0.081	ug/m3	TO-15
Isopropyl Alcohol		21	0.49	0.39	ug/m3	TO-15
Methylene chloride		0.52 J	0.69	0.087	ug/m3	TO-15
Methyl ethyl ketone		5.9	0.59	0.14	ug/m3	TO-15
Propylene		2.4	0.86	0.055	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.4	0.98	0.074	ug/m3	TO-15
2,2,4-Trimethylpentane		13	0.93	0.11	ug/m3	TO-15
Toluene		6.4	0.75	0.045	ug/m3	TO-15
Trichlorofluoromethane		1.6	0.56	0.12	ug/m3	TO-15
m,p-Xylene		2.1	0.87	0.30	ug/m3	TO-15
o-Xylene		0.78 J	0.87	0.22	ug/m3	TO-15
Xylenes (total)		2.9	0.87	0.22	ug/m3	TO-15
JC31566-6	**OUTDOOR**					
Acetone		1.6	0.20	0.036	ppbv	TO-15
Benzene		0.13 J	0.20	0.031	ppbv	TO-15
Chloromethane		0.41	0.20	0.052	ppbv	TO-15
Dichlorodifluoromethane		0.34	0.20	0.019	ppbv	TO-15
Ethanol		1.6	0.50	0.075	ppbv	TO-15
Ethyl Acetate		4.7	0.20	0.075	ppbv	TO-15
Isopropyl Alcohol		0.77	0.20	0.16	ppbv	TO-15
Methylene chloride		0.13 J	0.20	0.025	ppbv	TO-15
Methyl ethyl ketone		0.24	0.20	0.048	ppbv	TO-15
Propylene		0.46 J	0.50	0.032	ppbv	TO-15
2,2,4-Trimethylpentane		0.18 J	0.20	0.023	ppbv	TO-15
Toluene		0.25	0.20	0.012	ppbv	TO-15
Trichlorofluoromethane		0.20	0.10	0.022	ppbv	TO-15
Acetone		3.8	0.48	0.086	ug/m3	TO-15
Benzene		0.42 J	0.64	0.099	ug/m3	TO-15
Chloromethane		0.85	0.41	0.11	ug/m3	TO-15
Dichlorodifluoromethane		1.7	0.99	0.094	ug/m3	TO-15

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethanol		3.0	0.94	0.14	ug/m3	TO-15
Ethyl Acetate		17	0.72	0.27	ug/m3	TO-15
Isopropyl Alcohol		1.9	0.49	0.39	ug/m3	TO-15
Methylene chloride		0.45 J	0.69	0.087	ug/m3	TO-15
Methyl ethyl ketone		0.71	0.59	0.14	ug/m3	TO-15
Propylene		0.79 J	0.86	0.055	ug/m3	TO-15
2,2,4-Trimethylpentane		0.84 J	0.93	0.11	ug/m3	TO-15
Toluene		0.94	0.75	0.045	ug/m3	TO-15
Trichlorofluoromethane		1.1	0.56	0.12	ug/m3	TO-15
JC31566-7	**SVV-3 (SUB-SLAB)**					
Chloroethane		1.6	0.80	0.14	ppbv	TO-15
1,1-Dichloroethane		53.7	0.80	0.061	ppbv	TO-15
1,1-Dichloroethylene		34.0	0.80	0.084	ppbv	TO-15
cis-1,2-Dichloroethylene		0.73 J	0.80	0.084	ppbv	TO-15
Ethanol		6.0	2.0	0.30	ppbv	TO-15
Ethyl Acetate		4.5	0.80	0.30	ppbv	TO-15
Heptane		0.44 J	0.80	0.081	ppbv	TO-15
Hexane		3.1	0.80	0.090	ppbv	TO-15
Isopropyl Alcohol		5.1	0.80	0.62	ppbv	TO-15
Methylene chloride		0.39 J	0.80	0.10	ppbv	TO-15
Methyl ethyl ketone		2.1	0.80	0.19	ppbv	TO-15
1,1,1-Trichloroethane		360	2.0	0.47	ppbv	TO-15
1,2,4-Trimethylbenzene		0.52 J	0.80	0.061	ppbv	TO-15
2,2,4-Trimethylpentane		9.3	0.80	0.091	ppbv	TO-15
Tetrachloroethylene		2.3	0.16	0.092	ppbv	TO-15
Toluene		5.4	0.80	0.050	ppbv	TO-15
Trichloroethylene		0.58	0.16	0.074	ppbv	TO-15
m,p-Xylene		0.79 J	0.80	0.27	ppbv	TO-15
Xylenes (total)		0.79 J	0.80	0.20	ppbv	TO-15
Chloroethane		4.2	2.1	0.37	ug/m3	TO-15
1,1-Dichloroethane		217	3.2	0.25	ug/m3	TO-15
1,1-Dichloroethylene		135	3.2	0.33	ug/m3	TO-15
cis-1,2-Dichloroethylene		2.9 J	3.2	0.33	ug/m3	TO-15
Ethanol		11	3.8	0.57	ug/m3	TO-15
Ethyl Acetate		16	2.9	1.1	ug/m3	TO-15
Heptane		1.8 J	3.3	0.33	ug/m3	TO-15
Hexane		11	2.8	0.32	ug/m3	TO-15
Isopropyl Alcohol		13	2.0	1.5	ug/m3	TO-15
Methylene chloride		1.4 J	2.8	0.35	ug/m3	TO-15
Methyl ethyl ketone		6.2	2.4	0.56	ug/m3	TO-15
1,1,1-Trichloroethane		1960	11	2.6	ug/m3	TO-15
1,2,4-Trimethylbenzene		2.6 J	3.9	0.30	ug/m3	TO-15
2,2,4-Trimethylpentane		43	3.7	0.43	ug/m3	TO-15

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tetrachloroethylene		16	1.1	0.62	ug/m3	TO-15
Toluene		20	3.0	0.19	ug/m3	TO-15
Trichloroethylene		3.1	0.86	0.40	ug/m3	TO-15
m,p-Xylene		3.4 J	3.5	1.2	ug/m3	TO-15
Xylenes (total)		3.4 J	3.5	0.87	ug/m3	TO-15
JC31566-8	**SVV-3 (AMBIENT)**					
Benzene		0.25	0.20	0.031	ppbv	TO-15
Chloromethane		0.44	0.20	0.052	ppbv	TO-15
Cyclohexane		0.12 J	0.20	0.016	ppbv	TO-15
Dichlorodifluoromethane		0.36	0.20	0.019	ppbv	TO-15
Ethanol		4.4	0.50	0.075	ppbv	TO-15
Ethylbenzene		0.18 J	0.20	0.042	ppbv	TO-15
Ethyl Acetate		0.28	0.20	0.075	ppbv	TO-15
4-Ethyltoluene		0.11 J	0.20	0.017	ppbv	TO-15
Heptane		0.25	0.20	0.020	ppbv	TO-15
Hexane		0.23	0.20	0.023	ppbv	TO-15
Isopropyl Alcohol		15.0	0.20	0.16	ppbv	TO-15
Methylene chloride		0.32	0.20	0.025	ppbv	TO-15
Methyl ethyl ketone		2.4	0.20	0.048	ppbv	TO-15
1,2,4-Trimethylbenzene		0.36	0.20	0.015	ppbv	TO-15
1,3,5-Trimethylbenzene		0.12 J	0.20	0.045	ppbv	TO-15
2,2,4-Trimethylpentane		10.8	0.20	0.023	ppbv	TO-15
Tetrachloroethylene		0.036 J	0.040	0.023	ppbv	TO-15
Toluene		4.4	0.20	0.012	ppbv	TO-15
Trichloroethylene		0.047	0.040	0.019	ppbv	TO-15
Trichlorofluoromethane		0.22	0.10	0.022	ppbv	TO-15
m,p-Xylene		0.61	0.20	0.068	ppbv	TO-15
o-Xylene		0.23	0.20	0.051	ppbv	TO-15
Xylenes (total)		0.84	0.20	0.051	ppbv	TO-15
Benzene		0.80	0.64	0.099	ug/m3	TO-15
Chloromethane		0.91	0.41	0.11	ug/m3	TO-15
Cyclohexane		0.41 J	0.69	0.055	ug/m3	TO-15
Dichlorodifluoromethane		1.8	0.99	0.094	ug/m3	TO-15
Ethanol		8.3	0.94	0.14	ug/m3	TO-15
Ethylbenzene		0.78 J	0.87	0.18	ug/m3	TO-15
Ethyl Acetate		1.0	0.72	0.27	ug/m3	TO-15
4-Ethyltoluene		0.54 J	0.98	0.084	ug/m3	TO-15
Heptane		1.0	0.82	0.082	ug/m3	TO-15
Hexane		0.81	0.70	0.081	ug/m3	TO-15
Isopropyl Alcohol		36.9	0.49	0.39	ug/m3	TO-15
Methylene chloride		1.1	0.69	0.087	ug/m3	TO-15
Methyl ethyl ketone		7.1	0.59	0.14	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.8	0.98	0.074	ug/m3	TO-15

Summary of Hits

Job Number: JC31566
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/16

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
1,3,5-Trimethylbenzene	0.59 J	0.98	0.22	ug/m3	TO-15
2,2,4-Trimethylpentane	50.4	0.93	0.11	ug/m3	TO-15
Tetrachloroethylene	0.24 J	0.27	0.16	ug/m3	TO-15
Toluene	17	0.75	0.045	ug/m3	TO-15
Trichloroethylene	0.25	0.21	0.10	ug/m3	TO-15
Trichlorofluoromethane	1.2	0.56	0.12	ug/m3	TO-15
m,p-Xylene	2.6	0.87	0.30	ug/m3	TO-15
o-Xylene	1.0	0.87	0.22	ug/m3	TO-15
Xylenes (total)	3.6	0.87	0.22	ug/m3	TO-15

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: SVV-1 (SUB-SLAB)
Lab Sample ID: JC31566-1 **Date Sampled:** 11/10/16
Matrix: AIR - Soil Vapor Comp. Summa ID: A903 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W56995.D	1.58	11/16/16	TCH	n/a	n/a	V3W2159
Run #2							

	Initial Volume
Run #1	632 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	5.7	0.20	0.036	ppbv		14	0.48	0.086	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	0.062	ug/m3
71-43-2	78.11	Benzene	0.15	0.20	0.031	ppbv	J	0.48	0.64	0.099	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.039	ppbv		ND	0.67	0.26	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.016	ppbv		ND	0.41	0.17	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.018	ppbv		ND	0.78	0.070	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	0.079	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.027	ppbv		ND	1.0	0.14	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv		ND	0.62	0.097	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.056	ppbv		ND	0.92	0.26	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.036	ppbv		ND	0.53	0.095	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.017	ppbv		ND	0.98	0.083	ug/m3
74-87-3	50.49	Chloromethane	ND	0.20	0.052	ppbv		ND	0.41	0.11	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.027	ppbv		ND	0.63	0.085	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.017	ppbv		ND	1.0	0.088	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.031	ppbv		ND	0.25	0.20	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.016	ppbv		ND	0.69	0.055	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.015	ppbv		ND	0.81	0.061	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.042	ppbv		ND	0.77	0.32	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.018	ppbv		ND	0.81	0.073	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.022	ppbv		ND	0.92	0.10	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.045	ppbv		ND	0.72	0.16	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.35	0.20	0.019	ppbv		1.7	0.99	0.094	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.053	ppbv		ND	0.85	0.45	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.015	ppbv		ND	0.91	0.068	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.020	ppbv		ND	0.60	0.12	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.016	ppbv		ND	0.24	0.096	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.027	ppbv		ND	0.60	0.16	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.018	ppbv		ND	0.91	0.082	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-1 (SUB-SLAB)
Lab Sample ID: JC31566-1 **Date Sampled:** 11/10/16
Matrix: AIR - Soil Vapor Comp. Summa ID: A903 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	5.3	0.50	0.075	ppbv		10	0.94	0.14	ug/m3
100-41-4	106.2	Ethylbenzene	0.24	0.20	0.042	ppbv		1.0	0.87	0.18	ug/m3
141-78-6	88	Ethyl Acetate	2.2	0.20	0.075	ppbv		7.9	0.72	0.27	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.28	0.20	0.017	ppbv		1.4	0.98	0.084	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.021	ppbv		ND	0.77	0.16	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.031	ppbv		ND	0.70	0.22	ug/m3
142-82-5	100.2	Heptane	0.20	0.20	0.020	ppbv		0.82	0.82	0.082	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.020	ppbv		ND	0.96	0.21	ug/m3
110-54-3	86.17	Hexane	0.29	0.20	0.023	ppbv		1.0	0.70	0.081	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.045	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	4.5	0.20	0.16	ppbv		11	0.49	0.39	ug/m3
75-09-2	84.94	Methylene chloride	0.15	0.20	0.025	ppbv	J	0.52	0.69	0.087	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.0	0.20	0.048	ppbv		8.8	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.055	ppbv		ND	0.82	0.23	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.020	ppbv		ND	0.72	0.072	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	0.16	ug/m3
115-07-1	42	Propylene	ND	0.50	0.032	ppbv		ND	0.86	0.055	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.015	ppbv		ND	0.85	0.064	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.62	0.10	0.024	ppbv		3.4	0.55	0.13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.016	ppbv		ND	0.69	0.11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.039	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.056	ppbv		ND	0.74	0.42	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.59	0.20	0.015	ppbv		2.9	0.98	0.074	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.17	0.20	0.045	ppbv	J	0.84	0.98	0.22	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	5.9	0.20	0.023	ppbv		28	0.93	0.11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.73	0.20	0.053	ppbv		2.2	0.61	0.16	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.17	0.040	0.023	ppbv		1.2	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	5.1	0.20	0.012	ppbv		19	0.75	0.045	ug/m3
79-01-6	131.4	Trichloroethylene	0.042	0.040	0.019	ppbv		0.23	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.30	0.10	0.022	ppbv		1.7	0.56	0.12	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.021	ppbv		ND	0.10	0.054	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.054	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.83	0.20	0.068	ppbv		3.6	0.87	0.30	ug/m3
95-47-6	106.2	o-Xylene	0.32	0.20	0.051	ppbv		1.4	0.87	0.22	ug/m3
1330-20-7	106.2	Xylenes (total)	1.2	0.20	0.051	ppbv		5.2	0.87	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-1 (AMBIENT)
Lab Sample ID: JC31566-2 **Date Sampled:** 11/10/16
Matrix: AIR - Ambient Air Comp. Summa ID: A664 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W56996.D	1	11/16/16	TCH	n/a	n/a	V3W2159
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	3.6	0.20	0.036	ppbv		8.6	0.48	0.086	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	0.062	ug/m3
71-43-2	78.11	Benzene	0.23	0.20	0.031	ppbv		0.73	0.64	0.099	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.039	ppbv		ND	0.67	0.26	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.016	ppbv		ND	0.41	0.17	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.018	ppbv		ND	0.78	0.070	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	0.079	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.027	ppbv		ND	1.0	0.14	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv		ND	0.62	0.097	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.056	ppbv		ND	0.92	0.26	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.036	ppbv		ND	0.53	0.095	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.017	ppbv		ND	0.98	0.083	ug/m3
74-87-3	50.49	Chloromethane	0.40	0.20	0.052	ppbv		0.83	0.41	0.11	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.027	ppbv		ND	0.63	0.085	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.017	ppbv		ND	1.0	0.088	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.031	ppbv		ND	0.25	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.11	0.20	0.016	ppbv	J	0.38	0.69	0.055	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.015	ppbv		ND	0.81	0.061	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.042	ppbv		ND	0.77	0.32	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.018	ppbv		ND	0.81	0.073	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.022	ppbv		ND	0.92	0.10	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.045	ppbv		ND	0.72	0.16	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.33	0.20	0.019	ppbv		1.6	0.99	0.094	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.053	ppbv		ND	0.85	0.45	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.015	ppbv		ND	0.91	0.068	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.020	ppbv		ND	0.60	0.12	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.016	ppbv		ND	0.24	0.096	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.027	ppbv		ND	0.60	0.16	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.018	ppbv		ND	0.91	0.082	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-1 (AMBIENT)
Lab Sample ID: JC31566-2 **Date Sampled:** 11/10/16
Matrix: AIR - Ambient Air Comp. Summa ID: A664 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	6.7	0.50	0.075	ppbv		13	0.94	0.14	ug/m3
100-41-4	106.2	Ethylbenzene	0.19	0.20	0.042	ppbv	J	0.83	0.87	0.18	ug/m3
141-78-6	88	Ethyl Acetate	0.81	0.20	0.075	ppbv		2.9	0.72	0.27	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.19	0.20	0.017	ppbv	J	0.93	0.98	0.084	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.021	ppbv		ND	0.77	0.16	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.031	ppbv		ND	0.70	0.22	ug/m3
142-82-5	100.2	Heptane	0.26	0.20	0.020	ppbv		1.1	0.82	0.082	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.020	ppbv		ND	0.96	0.21	ug/m3
110-54-3	86.17	Hexane	0.21	0.20	0.023	ppbv		0.74	0.70	0.081	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.045	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	15.2	0.20	0.16	ppbv		37.4	0.49	0.39	ug/m3
75-09-2	84.94	Methylene chloride	0.25	0.20	0.025	ppbv		0.87	0.69	0.087	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.3	0.20	0.048	ppbv		6.8	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.055	ppbv		ND	0.82	0.23	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.020	ppbv		ND	0.72	0.072	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	0.16	ug/m3
115-07-1	42	Propylene	ND	0.50	0.032	ppbv		ND	0.86	0.055	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.015	ppbv		ND	0.85	0.064	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.15	0.10	0.024	ppbv		0.82	0.55	0.13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.016	ppbv		ND	0.69	0.11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.039	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.056	ppbv		ND	0.74	0.42	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.44	0.20	0.015	ppbv		2.2	0.98	0.074	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.11	0.20	0.045	ppbv	J	0.54	0.98	0.22	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	9.7	0.20	0.023	ppbv		45	0.93	0.11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.053	ppbv		ND	0.61	0.16	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.023	ppbv		ND	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	4.2	0.20	0.012	ppbv		16	0.75	0.045	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.10	0.022	ppbv		1.2	0.56	0.12	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.021	ppbv		ND	0.10	0.054	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.054	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.68	0.20	0.068	ppbv		3.0	0.87	0.30	ug/m3
95-47-6	106.2	o-Xylene	0.24	0.20	0.051	ppbv		1.0	0.87	0.22	ug/m3
1330-20-7	106.2	Xylenes (total)	0.92	0.20	0.051	ppbv		4.0	0.87	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-2 (SUB-SLAB)
Lab Sample ID: JC31566-3 **Date Sampled:** 11/10/16
Matrix: AIR - Soil Vapor Comp. Summa ID: A223 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W56997.D	1.55	11/16/16	TCH	n/a	n/a	V3W2159
Run #2							

	Initial Volume
Run #1	620 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	11.8	0.20	0.036	ppbv		28.0	0.48	0.086	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	0.062	ug/m3
71-43-2	78.11	Benzene	0.15	0.20	0.031	ppbv	J	0.48	0.64	0.099	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.039	ppbv		ND	0.67	0.26	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.016	ppbv		ND	0.41	0.17	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.018	ppbv		ND	0.78	0.070	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	0.079	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.027	ppbv		ND	1.0	0.14	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv		ND	0.62	0.097	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.056	ppbv		ND	0.92	0.26	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.036	ppbv		ND	0.53	0.095	ug/m3
67-66-3	119.4	Chloroform	0.25	0.20	0.017	ppbv		1.2	0.98	0.083	ug/m3
74-87-3	50.49	Chloromethane	ND	0.20	0.052	ppbv		ND	0.41	0.11	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.027	ppbv		ND	0.63	0.085	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.017	ppbv		ND	1.0	0.088	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.031	ppbv		ND	0.25	0.20	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.016	ppbv		ND	0.69	0.055	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.015	ppbv		ND	0.81	0.061	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.042	ppbv		ND	0.77	0.32	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.018	ppbv		ND	0.81	0.073	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.022	ppbv		ND	0.92	0.10	ug/m3
123-91-1	88.12	1,4-Dioxane	0.61	0.20	0.045	ppbv		2.2	0.72	0.16	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	9.9	0.20	0.019	ppbv		49	0.99	0.094	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.053	ppbv		ND	0.85	0.45	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.015	ppbv		ND	0.91	0.068	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.020	ppbv		ND	0.60	0.12	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.016	ppbv		ND	0.24	0.096	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.027	ppbv		ND	0.60	0.16	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.018	ppbv		ND	0.91	0.082	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-2 (SUB-SLAB)
Lab Sample ID: JC31566-3 **Date Sampled:** 11/10/16
Matrix: AIR - Soil Vapor Comp. Summa ID: A223 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	7.5	0.50	0.075	ppbv		14	0.94	0.14	ug/m3
100-41-4	106.2	Ethylbenzene	0.13	0.20	0.042	ppbv	J	0.56	0.87	0.18	ug/m3
141-78-6	88	Ethyl Acetate	0.71	0.20	0.075	ppbv		2.6	0.72	0.27	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.28	0.20	0.017	ppbv		1.4	0.98	0.084	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.021	ppbv		ND	0.77	0.16	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.031	ppbv		ND	0.70	0.22	ug/m3
142-82-5	100.2	Heptane	0.23	0.20	0.020	ppbv		0.94	0.82	0.082	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.020	ppbv		ND	0.96	0.21	ug/m3
110-54-3	86.17	Hexane	0.25	0.20	0.023	ppbv		0.88	0.70	0.081	ug/m3
591-78-6	100	2-Hexanone	0.17	0.20	0.045	ppbv	J	0.70	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	2.1	0.20	0.16	ppbv		5.2	0.49	0.39	ug/m3
75-09-2	84.94	Methylene chloride	0.13	0.20	0.025	ppbv	J	0.45	0.69	0.087	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.6	0.20	0.048	ppbv		11	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.19	0.20	0.055	ppbv	J	0.78	0.82	0.23	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.020	ppbv		ND	0.72	0.072	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	0.16	ug/m3
115-07-1	42	Propylene	ND	0.50	0.032	ppbv		ND	0.86	0.055	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.015	ppbv		ND	0.85	0.064	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.66	0.10	0.024	ppbv		3.6	0.55	0.13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.016	ppbv		ND	0.69	0.11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.039	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.056	ppbv		ND	0.74	0.42	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.33	0.20	0.015	ppbv		1.6	0.98	0.074	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.14	0.20	0.045	ppbv	J	0.69	0.98	0.22	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.6	0.20	0.023	ppbv		7.5	0.93	0.11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.55	0.20	0.053	ppbv		1.7	0.61	0.16	ug/m3
127-18-4	165.8	Tetrachloroethylene	3.3	0.040	0.023	ppbv		22	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	1.2	0.20	0.045	ppbv		3.5	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	1.8	0.20	0.012	ppbv		6.8	0.75	0.045	ug/m3
79-01-6	131.4	Trichloroethylene	0.55	0.040	0.019	ppbv		3.0	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.76	0.10	0.022	ppbv		4.3	0.56	0.12	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.021	ppbv		ND	0.10	0.054	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.054	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.41	0.20	0.068	ppbv		1.8	0.87	0.30	ug/m3
95-47-6	106.2	o-Xylene	0.14	0.20	0.051	ppbv	J	0.61	0.87	0.22	ug/m3
1330-20-7	106.2	Xylenes (total)	0.55	0.20	0.051	ppbv		2.4	0.87	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RECEPTION		
Lab Sample ID:	JC31566-4	**Date Sampled:**	11/10/16
Matrix:	AIR - Ambient Air Comp. Summa ID: M143	**Date Received:**	11/11/16
Method:	TO-15	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W56998.D	1	11/16/16	TCH	n/a	n/a	V3W2159
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	4.6	0.20	0.036	ppbv		11	0.48	0.086	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	0.062	ug/m3
71-43-2	78.11	Benzene	0.19	0.20	0.031	ppbv	J	0.61	0.64	0.099	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.039	ppbv		ND	0.67	0.26	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.016	ppbv		ND	0.41	0.17	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.018	ppbv		ND	0.78	0.070	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	0.079	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.027	ppbv		ND	1.0	0.14	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv		ND	0.62	0.097	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.056	ppbv		ND	0.92	0.26	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.036	ppbv		ND	0.53	0.095	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.017	ppbv		ND	0.98	0.083	ug/m3
74-87-3	50.49	Chloromethane	0.53	0.20	0.052	ppbv		1.1	0.41	0.11	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.027	ppbv		ND	0.63	0.085	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.017	ppbv		ND	1.0	0.088	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.031	ppbv		ND	0.25	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.12	0.20	0.016	ppbv	J	0.41	0.69	0.055	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.015	ppbv		ND	0.81	0.061	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.042	ppbv		ND	0.77	0.32	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.018	ppbv		ND	0.81	0.073	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.022	ppbv		ND	0.92	0.10	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.045	ppbv		ND	0.72	0.16	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.38	0.20	0.019	ppbv		1.9	0.99	0.094	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.053	ppbv		ND	0.85	0.45	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.015	ppbv		ND	0.91	0.068	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.020	ppbv		ND	0.60	0.12	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.016	ppbv		ND	0.24	0.096	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.027	ppbv		ND	0.60	0.16	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.018	ppbv		ND	0.91	0.082	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RECEPTION
Lab Sample ID: JC31566-4 **Date Sampled:** 11/10/16
Matrix: AIR - Ambient Air Comp. Summa ID: M143 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	6.9	0.50	0.075	ppbv		13	0.94	0.14	ug/m3
100-41-4	106.2	Ethylbenzene	0.11	0.20	0.042	ppbv	J	0.48	0.87	0.18	ug/m3
141-78-6	88	Ethyl Acetate	0.51	0.20	0.075	ppbv		1.8	0.72	0.27	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.017	ppbv		ND	0.98	0.084	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.021	ppbv		ND	0.77	0.16	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.031	ppbv		ND	0.70	0.22	ug/m3
142-82-5	100.2	Heptane	0.24	0.20	0.020	ppbv		0.98	0.82	0.082	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.020	ppbv		ND	0.96	0.21	ug/m3
110-54-3	86.17	Hexane	0.20	0.20	0.023	ppbv		0.70	0.70	0.081	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.045	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	8.6	0.20	0.16	ppbv		21	0.49	0.39	ug/m3
75-09-2	84.94	Methylene chloride	0.16	0.20	0.025	ppbv	J	0.56	0.69	0.087	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.5	0.20	0.048	ppbv		4.4	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.12	0.20	0.055	ppbv	J	0.49	0.82	0.23	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.020	ppbv		ND	0.72	0.072	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	0.16	ug/m3
115-07-1	42	Propylene	ND	0.50	0.032	ppbv		ND	0.86	0.055	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.015	ppbv		ND	0.85	0.064	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.024	ppbv		ND	0.55	0.13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.016	ppbv		ND	0.69	0.11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.039	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.056	ppbv		ND	0.74	0.42	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.12	0.20	0.015	ppbv	J	0.59	0.98	0.074	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.045	ppbv		ND	0.98	0.22	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	3.1	0.20	0.023	ppbv		14	0.93	0.11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.053	ppbv		ND	0.61	0.16	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.023	ppbv		ND	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	1.7	0.20	0.012	ppbv		6.4	0.75	0.045	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.29	0.10	0.022	ppbv		1.6	0.56	0.12	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.021	ppbv		ND	0.10	0.054	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.054	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.35	0.20	0.068	ppbv		1.5	0.87	0.30	ug/m3
95-47-6	106.2	o-Xylene	0.13	0.20	0.051	ppbv	J	0.56	0.87	0.22	ug/m3
1330-20-7	106.2	Xylenes (total)	0.48	0.20	0.051	ppbv		2.1	0.87	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: LOUNGE
Lab Sample ID: JC31566-5 **Date Sampled:** 11/10/16
Matrix: AIR - Ambient Air Comp. Summa ID: A815 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W56999.D	1.52	11/16/16	TCH	n/a	n/a	V3W2159
Run #2							

	Initial Volume
Run #1	608 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	4.6	0.20	0.036	ppbv		11	0.48	0.086	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	0.062	ug/m3
71-43-2	78.11	Benzene	0.21	0.20	0.031	ppbv		0.67	0.64	0.099	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.039	ppbv		ND	0.67	0.26	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.016	ppbv		ND	0.41	0.17	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.018	ppbv		ND	0.78	0.070	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	0.079	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.027	ppbv		ND	1.0	0.14	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv		ND	0.62	0.097	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.056	ppbv		ND	0.92	0.26	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.036	ppbv		ND	0.53	0.095	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.017	ppbv		ND	0.98	0.083	ug/m3
74-87-3	50.49	Chloromethane	0.42	0.20	0.052	ppbv		0.87	0.41	0.11	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.027	ppbv		ND	0.63	0.085	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.017	ppbv		ND	1.0	0.088	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.031	ppbv		ND	0.25	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.12	0.20	0.016	ppbv	J	0.41	0.69	0.055	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.015	ppbv		ND	0.81	0.061	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.042	ppbv		ND	0.77	0.32	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.018	ppbv		ND	0.81	0.073	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.022	ppbv		ND	0.92	0.10	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.045	ppbv		ND	0.72	0.16	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.36	0.20	0.019	ppbv		1.8	0.99	0.094	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.053	ppbv		ND	0.85	0.45	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.015	ppbv		ND	0.91	0.068	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.020	ppbv		ND	0.60	0.12	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.016	ppbv		ND	0.24	0.096	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.027	ppbv		ND	0.60	0.16	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.018	ppbv		ND	0.91	0.082	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: LOUNGE
Lab Sample ID: JC31566-5 **Date Sampled:** 11/10/16
Matrix: AIR - Ambient Air Comp. Summa ID: A815 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	7.1	0.50	0.075	ppbv		13	0.94	0.14	ug/m3
100-41-4	106.2	Ethylbenzene	0.14	0.20	0.042	ppbv	J	0.61	0.87	0.18	ug/m3
141-78-6	88	Ethyl Acetate	1.2	0.20	0.075	ppbv		4.3	0.72	0.27	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.017	ppbv		ND	0.98	0.084	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.021	ppbv		ND	0.77	0.16	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.031	ppbv		ND	0.70	0.22	ug/m3
142-82-5	100.2	Heptane	0.25	0.20	0.020	ppbv		1.0	0.82	0.082	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.020	ppbv		ND	0.96	0.21	ug/m3
110-54-3	86.17	Hexane	0.23	0.20	0.023	ppbv		0.81	0.70	0.081	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.045	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	8.6	0.20	0.16	ppbv		21	0.49	0.39	ug/m3
75-09-2	84.94	Methylene chloride	0.15	0.20	0.025	ppbv	J	0.52	0.69	0.087	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.0	0.20	0.048	ppbv		5.9	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.055	ppbv		ND	0.82	0.23	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.020	ppbv		ND	0.72	0.072	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	0.16	ug/m3
115-07-1	42	Propylene	1.4	0.50	0.032	ppbv		2.4	0.86	0.055	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.015	ppbv		ND	0.85	0.064	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.024	ppbv		ND	0.55	0.13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.016	ppbv		ND	0.69	0.11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.039	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.056	ppbv		ND	0.74	0.42	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.28	0.20	0.015	ppbv		1.4	0.98	0.074	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.045	ppbv		ND	0.98	0.22	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	2.8	0.20	0.023	ppbv		13	0.93	0.11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.053	ppbv		ND	0.61	0.16	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.023	ppbv		ND	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	1.7	0.20	0.012	ppbv		6.4	0.75	0.045	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.29	0.10	0.022	ppbv		1.6	0.56	0.12	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.021	ppbv		ND	0.10	0.054	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.054	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.48	0.20	0.068	ppbv		2.1	0.87	0.30	ug/m3
95-47-6	106.2	o-Xylene	0.18	0.20	0.051	ppbv	J	0.78	0.87	0.22	ug/m3
1330-20-7	106.2	Xylenes (total)	0.66	0.20	0.051	ppbv		2.9	0.87	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	OUTDOOR		
Lab Sample ID:	JC31566-6	**Date Sampled:**	11/10/16
Matrix:	AIR - Ambient Air Comp. Summa ID: A318	**Date Received:**	11/11/16
Method:	TO-15	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W57000.D	1.6	11/17/16	TCH	n/a	n/a	V3W2159
Run #2							

	Initial Volume
Run #1	640 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	1.6	0.20	0.036	ppbv		3.8	0.48	0.086	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	0.062	ug/m3
71-43-2	78.11	Benzene	0.13	0.20	0.031	ppbv	J	0.42	0.64	0.099	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.039	ppbv		ND	0.67	0.26	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.016	ppbv		ND	0.41	0.17	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.018	ppbv		ND	0.78	0.070	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	0.079	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.027	ppbv		ND	1.0	0.14	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv		ND	0.62	0.097	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.056	ppbv		ND	0.92	0.26	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.036	ppbv		ND	0.53	0.095	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.017	ppbv		ND	0.98	0.083	ug/m3
74-87-3	50.49	Chloromethane	0.41	0.20	0.052	ppbv		0.85	0.41	0.11	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.027	ppbv		ND	0.63	0.085	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.017	ppbv		ND	1.0	0.088	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.031	ppbv		ND	0.25	0.20	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.016	ppbv		ND	0.69	0.055	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.015	ppbv		ND	0.81	0.061	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.042	ppbv		ND	0.77	0.32	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.018	ppbv		ND	0.81	0.073	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.022	ppbv		ND	0.92	0.10	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.045	ppbv		ND	0.72	0.16	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.34	0.20	0.019	ppbv		1.7	0.99	0.094	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.053	ppbv		ND	0.85	0.45	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.015	ppbv		ND	0.91	0.068	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.020	ppbv		ND	0.60	0.12	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.016	ppbv		ND	0.24	0.096	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.027	ppbv		ND	0.60	0.16	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.018	ppbv		ND	0.91	0.082	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: OUTDOOR
Lab Sample ID: JC31566-6 **Date Sampled:** 11/10/16
Matrix: AIR - Ambient Air Comp. Summa ID: A318 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	1.6	0.50	0.075	ppbv		3.0	0.94	0.14	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	0.042	ppbv		ND	0.87	0.18	ug/m3
141-78-6	88	Ethyl Acetate	4.7	0.20	0.075	ppbv		17	0.72	0.27	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.017	ppbv		ND	0.98	0.084	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.021	ppbv		ND	0.77	0.16	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.031	ppbv		ND	0.70	0.22	ug/m3
142-82-5	100.2	Heptane	ND	0.20	0.020	ppbv		ND	0.82	0.082	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.020	ppbv		ND	0.96	0.21	ug/m3
110-54-3	86.17	Hexane	ND	0.20	0.023	ppbv		ND	0.70	0.081	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.045	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.77	0.20	0.16	ppbv		1.9	0.49	0.39	ug/m3
75-09-2	84.94	Methylene chloride	0.13	0.20	0.025	ppbv	J	0.45	0.69	0.087	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.24	0.20	0.048	ppbv		0.71	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.055	ppbv		ND	0.82	0.23	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.020	ppbv		ND	0.72	0.072	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	0.16	ug/m3
115-07-1	42	Propylene	0.46	0.50	0.032	ppbv	J	0.79	0.86	0.055	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.015	ppbv		ND	0.85	0.064	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.024	ppbv		ND	0.55	0.13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.016	ppbv		ND	0.69	0.11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.039	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.056	ppbv		ND	0.74	0.42	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	0.015	ppbv		ND	0.98	0.074	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.045	ppbv		ND	0.98	0.22	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.18	0.20	0.023	ppbv	J	0.84	0.93	0.11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.053	ppbv		ND	0.61	0.16	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.023	ppbv		ND	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	0.25	0.20	0.012	ppbv		0.94	0.75	0.045	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.20	0.10	0.022	ppbv		1.1	0.56	0.12	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.021	ppbv		ND	0.10	0.054	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.054	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	ND	0.20	0.068	ppbv		ND	0.87	0.30	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	0.051	ppbv		ND	0.87	0.22	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.20	0.051	ppbv		ND	0.87	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-3 (SUB-SLAB)
Lab Sample ID: JC31566-7 **Date Sampled:** 11/10/16
Matrix: AIR - Soil Vapor Comp. Summa ID: A272 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W57001.D	1	11/17/16	TCH	n/a	n/a	V3W2159
Run #2	3W57032.D	1	11/18/16	TCH	n/a	n/a	V3W2160

	Initial Volume
Run #1	100 ml
Run #2	20.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	ND	0.80	0.14	ppbv		ND	1.9	0.33	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.11	ppbv		ND	1.8	0.24	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.13	ppbv		ND	2.6	0.42	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.15	ppbv		ND	2.7	1.0	ug/m3
75-25-2	252.8	Bromoform	ND	0.16	0.063	ppbv		ND	1.7	0.65	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.074	ppbv		ND	3.1	0.29	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.074	ppbv		ND	3.5	0.32	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.11	ppbv		ND	4.1	0.57	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.13	ppbv		ND	2.5	0.40	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.22	ppbv		ND	3.7	1.0	ug/m3
75-00-3	64.52	Chloroethane	1.6	0.80	0.14	ppbv		4.2	2.1	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.066	ppbv		ND	3.9	0.32	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.21	ppbv		ND	1.7	0.43	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.11	ppbv		ND	2.5	0.34	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.068	ppbv		ND	4.1	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.12	ppbv		ND	1.0	0.75	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.065	ppbv		ND	2.8	0.22	ug/m3
75-34-3	98.96	1,1-Dichloroethane	53.7	0.80	0.061	ppbv		217	3.2	0.25	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	34.0	0.80	0.084	ppbv		135	3.2	0.33	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.40	0.17	ppbv		ND	3.1	1.3	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.070	ppbv		ND	3.2	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.088	ppbv		ND	3.7	0.41	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	0.65	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.076	ppbv		ND	4.0	0.38	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.73	0.80	0.084	ppbv	J	2.9	3.2	0.33	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.061	ppbv		ND	3.6	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.078	ppbv		ND	2.4	0.47	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.064	ppbv		ND	0.96	0.38	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.11	ppbv		ND	2.4	0.66	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.073	ppbv		ND	3.6	0.33	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-3 (SUB-SLAB)
Lab Sample ID: JC31566-7 **Date Sampled:** 11/10/16
Matrix: AIR - Soil Vapor Comp. Summa ID: A272 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	6.0	2.0	0.30	ppbv		11	3.8	0.57	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.17	ppbv		ND	3.5	0.74	ug/m3
141-78-6	88	Ethyl Acetate	4.5	0.80	0.30	ppbv		16	2.9	1.1	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.067	ppbv		ND	3.9	0.33	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.086	ppbv		ND	3.1	0.66	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.13	ppbv		ND	2.8	0.91	ug/m3
142-82-5	100.2	Heptane	0.44	0.80	0.081	ppbv	J	1.8	3.3	0.33	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.081	ppbv		ND	3.8	0.86	ug/m3
110-54-3	86.17	Hexane	3.1	0.80	0.090	ppbv		11	2.8	0.32	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
67-63-0	60.1	Isopropyl Alcohol	5.1	0.80	0.62	ppbv		13	2.0	1.5	ug/m3
75-09-2	84.94	Methylene chloride	0.39	0.80	0.10	ppbv	J	1.4	2.8	0.35	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.1	0.80	0.19	ppbv		6.2	2.4	0.56	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.22	ppbv		ND	3.3	0.90	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.079	ppbv		ND	2.9	0.28	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.16	ppbv		ND	3.3	0.66	ug/m3
115-07-1	42	Propylene	ND	2.0	0.13	ppbv		ND	3.4	0.22	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.062	ppbv		ND	3.4	0.26	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	360 [a]	2.0	0.47	ppbv		1960 [a]	11	2.6	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.40	0.064	ppbv		ND	2.7	0.44	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.16	ppbv		ND	2.2	0.87	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.22	ppbv		ND	3.0	1.6	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.52	0.80	0.061	ppbv	J	2.6	3.9	0.30	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.18	ppbv		ND	3.9	0.88	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	9.3	0.80	0.091	ppbv		43	3.7	0.43	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.21	ppbv		ND	2.4	0.64	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.3	0.16	0.092	ppbv		16	1.1	0.62	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.18	ppbv		ND	2.4	0.53	ug/m3
108-88-3	92.14	Toluene	5.4	0.80	0.050	ppbv		20	3.0	0.19	ug/m3
79-01-6	131.4	Trichloroethylene	0.58	0.16	0.074	ppbv		3.1	0.86	0.40	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.088	ppbv		ND	2.2	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.082	ppbv		ND	0.41	0.21	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.22	ppbv		ND	2.8	0.77	ug/m3
	106.2	m,p-Xylene	0.79	0.80	0.27	ppbv	J	3.4	3.5	1.2	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.20	ppbv		ND	3.5	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.79	0.80	0.20	ppbv	J	3.4	3.5	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%	99%	65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVV-3 (SUB-SLAB)		
Lab Sample ID:	JC31566-7	**Date Sampled:**	11/10/16
Matrix:	AIR - Soil Vapor Comp. Summa ID: A272	**Date Received:**	11/11/16
Method:	TO-15	**Percent Solids:**	n/a
Project:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-3 (AMBIENT)
Lab Sample ID: JC31566-8 **Date Sampled:** 11/10/16
Matrix: AIR - Ambient Air Comp. Summa ID: A313 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W57002.D	1	11/17/16	TCH	n/a	n/a	V3W2159
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	ND	0.20	0.036	ppbv		ND	0.48	0.086	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	0.062	ug/m3
71-43-2	78.11	Benzene	0.25	0.20	0.031	ppbv		0.80	0.64	0.099	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.039	ppbv		ND	0.67	0.26	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.016	ppbv		ND	0.41	0.17	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.018	ppbv		ND	0.78	0.070	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.018	ppbv		ND	0.87	0.079	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.027	ppbv		ND	1.0	0.14	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv		ND	0.62	0.097	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.056	ppbv		ND	0.92	0.26	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.036	ppbv		ND	0.53	0.095	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.017	ppbv		ND	0.98	0.083	ug/m3
74-87-3	50.49	Chloromethane	0.44	0.20	0.052	ppbv		0.91	0.41	0.11	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.027	ppbv		ND	0.63	0.085	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.017	ppbv		ND	1.0	0.088	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.031	ppbv		ND	0.25	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.12	0.20	0.016	ppbv	J	0.41	0.69	0.055	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.015	ppbv		ND	0.81	0.061	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.042	ppbv		ND	0.77	0.32	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.018	ppbv		ND	0.81	0.073	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.022	ppbv		ND	0.92	0.10	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.045	ppbv		ND	0.72	0.16	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.36	0.20	0.019	ppbv		1.8	0.99	0.094	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.053	ppbv		ND	0.85	0.45	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	0.083	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.015	ppbv		ND	0.91	0.068	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.020	ppbv		ND	0.60	0.12	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.016	ppbv		ND	0.24	0.096	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.027	ppbv		ND	0.60	0.16	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.018	ppbv		ND	0.91	0.082	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SVV-3 (AMBIENT)
Lab Sample ID: JC31566-8 **Date Sampled:** 11/10/16
Matrix: AIR - Ambient Air Comp. Summa ID: A313 **Date Received:** 11/11/16
Method: TO-15 **Percent Solids:** n/a
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	4.4	0.50	0.075	ppbv		8.3	0.94	0.14	ug/m3
100-41-4	106.2	Ethylbenzene	0.18	0.20	0.042	ppbv	J	0.78	0.87	0.18	ug/m3
141-78-6	88	Ethyl Acetate	0.28	0.20	0.075	ppbv		1.0	0.72	0.27	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.11	0.20	0.017	ppbv	J	0.54	0.98	0.084	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.021	ppbv		ND	0.77	0.16	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.031	ppbv		ND	0.70	0.22	ug/m3
142-82-5	100.2	Heptane	0.25	0.20	0.020	ppbv		1.0	0.82	0.082	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.020	ppbv		ND	0.96	0.21	ug/m3
110-54-3	86.17	Hexane	0.23	0.20	0.023	ppbv		0.81	0.70	0.081	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.045	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	15.0	0.20	0.16	ppbv		36.9	0.49	0.39	ug/m3
75-09-2	84.94	Methylene chloride	0.32	0.20	0.025	ppbv		1.1	0.69	0.087	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.4	0.20	0.048	ppbv		7.1	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.055	ppbv		ND	0.82	0.23	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.020	ppbv		ND	0.72	0.072	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	0.16	ug/m3
115-07-1	42	Propylene	ND	0.50	0.032	ppbv		ND	0.86	0.055	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.015	ppbv		ND	0.85	0.064	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.024	ppbv		ND	0.55	0.13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.016	ppbv		ND	0.69	0.11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.039	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.056	ppbv		ND	0.74	0.42	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.36	0.20	0.015	ppbv		1.8	0.98	0.074	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.12	0.20	0.045	ppbv	J	0.59	0.98	0.22	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	10.8	0.20	0.023	ppbv		50.4	0.93	0.11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.053	ppbv		ND	0.61	0.16	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.036	0.040	0.023	ppbv	J	0.24	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	4.4	0.20	0.012	ppbv		17	0.75	0.045	ug/m3
79-01-6	131.4	Trichloroethylene	0.047	0.040	0.019	ppbv		0.25	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.22	0.10	0.022	ppbv		1.2	0.56	0.12	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.021	ppbv		ND	0.10	0.054	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.054	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.61	0.20	0.068	ppbv		2.6	0.87	0.30	ug/m3
95-47-6	106.2	o-Xylene	0.23	0.20	0.051	ppbv		1.0	0.87	0.22	ug/m3
1330-20-7	106.2	Xylenes (total)	0.84	0.20	0.051	ppbv		3.6	0.87	0.22	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

AIR

SGS ACCUTEST

AIR CHAIN OF CUSTODY

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

7360
7371

FED-EX Tracking # 678097387382 | Bottle Order Control # MC-10/27/2016-440 | PAGE 1 OF 1
Lab Quote # | Lab Job # JC31566

Client / Reporting Information

Company Name: Woodard + Curran
Address: 1520 Highland Avenue
City: Cheshire State: CT Zip: 06410
Project Contact: Anne Proctor, PE E-mail: aproctor@woodardcurran.com
Phone # 203-699-6042 Fax #
Sampler(s) Name(s): Christina Andreotto

Project Information

Project Name: ExxonMobil Terminal Orpin Hangar D
Street: 240 Airport Rd
City: White Plains State: NY
Project #
Client Purchase Order #

Weather Parameters

Temperature (Fahrenheit)
Start: 35°F Maximum: 54°F
Stop 53°F Minimum: 35°F
Atmoshpheric Pressure (inches of Hg)
Start: 30.02 Maximum: 30.02
Stop: 29.88 Minimum: 29.88
Other weather comment:

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	VTOIS NYSVLL	VTOIS NYLL
-1	SSV-1 (Sub-Slab)	SV	A903	6L	FC696	11-10-16	0743	30	70	CA	11-10-16	1540	9	70	CA	X	
-2	SSV-1 (Ambient)	A	A664	6L	FC679	11-10-16	0744	>30	70	CA	11-10-16	1541	8	70	CA		X
-3	SSV-2 (Sub-Slab)	SV	A223	6L	FC736	11-10-16	0750	30	65	CA	11-10-16	1549	8	65	CA	X	
-4	Reception	A	M143	6L	FC405	11-10-16	0751	30	65	CA	11-10-16	1550	8	65	CA		X
-5	Lounge	A	A815	6L	FC522	11-10-16	0753	29	65	CA	11-10-16	1551	7	65	CA		X
-6	Outdoor	A	A318	6L	FC510	11-10-16	1210	30	51	CA	11-10-16	1605	9	53	CA		X
-7	SSV-3 (Sub-Slab)	SV	A272	6L	FC247	11-10-16	0747	29	60	CA	11-10-16	1545	7	60	CA	X	
-8	SSV-3 (Ambient)	A	A313	6L	FC657	11-10-16	0748	>30	60	CA	11-10-16	1546	8	60	CA		X

Turnaround Time (Business days)

Standard - 15 Days
10 Day ✓
5 Day
3 Day
2 Day
1 Day
Other

Approved By: INITIAL ASESSMENT YA/BV
Date: LABEL VERIFICATION BV

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1
Comm A
Comm B
Reduced T2
Full T1
Other:
DKQP reporting

Comments / Remarks

CAT B Deliverable
Please Reference Attached email for Reporting Limits

Sample inventory is verified upon receipt in the Laboratory SUMMA

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Laboratory	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Roy Mavrantonis	11/1/16 9:40	FedEx	FedEx	11-1-16	GES
2						
3	C. Clutts	11-10-16 1630	FedEx	FedEx	11/11/16 9:15	B Vassilatos
4						
5				Custody Seal #		

SGS Accutest Sample Receipt Summary

Job Number: JC31566 **Client:** _____ **Project:** _____

Date / Time Received: 11/11/2016 9:15:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:	N/A		
3. Cooler media:	N/A		
4. No. Coolers:	N/A		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Summa Canister and Flow Controller Log

Job Number: JC31566
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 11/11/16

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A903	6	29.4	10/31/16	PC	CP8772	5W20797.D	JC31566-1	11/11/16	RD	9.5		1.1	1.58
A664	6	29.4	10/31/16	PC	CP8772	5W20797.D	JC31566-2	11/11/16	RD	7			1
A223	6	29.4	10/31/16	PC	CP8772	5W20797.D	JC31566-3	11/11/16	RD	9		1.2	1.55
M143	6	29.4	10/31/16	PC	CP8774	3W56632.D	JC31566-4	11/11/16	PC	7			1
A815	6	29.4	10/31/16	PC	CP8772	5W20797.D	JC31566-5	11/11/16	RD	8.5		1.3	1.52
A318	6	29.4	11/10/16	PC	CP8807	5W20988A.D	JC31566-6	11/11/16	RD	10		1	1.6
A272	6	29.4	10/31/16	PC	CP8772	5W20797.D	JC31566-7	11/11/16	RD	6.5			1
A313	6	29.4	10/31/16	PC	CP8772	5W20797.D	JC31566-8	11/11/16	RD	6			1

FLOW CONTROLLERS / OTHER

Shipping					Receiving				
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Flow RPD	Equipment Type
FC247	10/31/16	PC	9.4	8	11/11/16	PC	9.4	0	Flow Controller
FC372	10/31/16	PC	9.4	8	11/15/16	PC	5.6	50.7*	Flow Controller
FC510	11/10/16	PC	18.8	4	11/14/16	RD	17.9	4.9	Flow Controller
FC522	10/31/16	PC	9.4	8	11/14/16	RD	9.2	2.2	Flow Controller
FC657	10/31/16	PC	9.4	8	11/14/16	RD	9.5	1.1	Flow Controller
FC679	10/31/16	PC	9.4	8	11/11/16	PC	9.2	2.2	Flow Controller
FC696	10/31/16	PC	9.4	8	11/14/16	RD	8.9	5.5	Flow Controller
FC736	10/31/16	PC	9.4	8	11/11/16	PC	9.7	3.1	Flow Controller

* Flow controller RPD > 20%

SGS Accutest Bottle Order(s):
MC-10/27/2016-440
MC-11/10/2016-577

Prep Date	Room Temp(F)	Bar Pres "Hg
10/31/16	70	29.92
11/10/16	70	29.92

ATTACHMENT D

Historic Sub-slab Soil Vapor Sample Results
Hangar D1 Bay 1B, Westchester County Airport

Sample Point:	SSV-1									
Chemicals of Concern	**Feb-06**	**Nov-06**	**Nov-07**	**Mar-08**	**Dec-08**	**Dec-13**	**Mar-14**	**Dec-14**	**Nov-15**	**Nov-16**
Chloroethane	<0.53	<0.53	<4.2	<0.42	<0.88	<0.53	<2.1	<0.53	<0.53	<0.53 J
1,1-Dichloroethane	<0.81	<0.81	<6.5	<0.64	<1.4	<0.81	<3.2	<0.81	<0.81	<0.81 J
1,1-Dichloroethylene	<0.79	<0.79	<6.3	<0.63	<1.3	<0.79	<3.2	<0.79	<0.79	<0.79 J
cis-1,2-Dichloroethylene	<0.79	<0.79	<6.3	<0.63	<1.3	<0.79	<3.2	<0.79	<0.79	<0.79 J
trans-1,2-Dichloroethylene	<0.79	<0.79	<6.3	<0.63	<1.3	<0.79	<3.2	<0.79	<0.79	<0.79 J
1,1,1-Trichloroethane	<1.1	**2.7**	<8.7	<0.86	<1.8	**2.7**	<2.2	**5.3**	**3.7**	**3.4**
Tetrachloroethylene	**1.3 J**	**11**	<11	**1.3**	**14**	**5.3**	**1.0**	**10**	**2.0**	**1.2**
Trichloroethylene	<1.1	**9.1**	<8.6	**15**	**1.2**	**3.7**	<0.86	<0.21	**0.26**	**0.23**
Vinyl chloride	<0.51	<0.51	<4.1	**0.039 J**	<0.086	<0.10	<0.41	<0.10	<0.10	<0.10 J

Sample Point:	SSV-2									
Chemicals of Concern	**Feb-06**	**Nov-06**	**Nov-07**	**Mar-08**	**Dec-08**	**Dec-13**	**Mar-14**	**Dec-14**	**Nov-15**	**Nov-16**
Chloroethane	<4.2	<2.6	<4.2	<0.42	<0.52	<0.53	<2.1	<0.53	<0.53	<0.53 J
1,1-Dichloroethane	<6.5	<4	<6.5	<0.64	<0.79	<0.81	<3.2	**1.4**	<0.81	<0.81 J
1,1-Dichloroethylene	<6.3	<4	<6.3	<0.63	<0.78	<0.79	<3.2	<0.79	<0.79	<0.79 J
cis-1,2-Dichloroethylene	<6.3	<4	<6.3	<0.63	<0.78	<0.79	<3.2	<0.79	<0.79	<0.79 J
trans-1,2-Dichloroethylene	<6.3	<4	<6.3	<0.63	<0.78	<0.79	<3.2	<0.79	<0.79	<0.79 J
1,1,1-Trichloroethane	**3.2 J**	**2.9 J**	<8.7	<0.86	**3.4**	<0.55	<2.2	**6.5**	**2.5**	**3.6**
Tetrachloroethylene	**33**	**59**	**52**	**3.9**	**3.9**	**6.7**	<1.1	**361**	**19**	**22**
Trichloroethylene	<8.6	**7**	<8.6	**28**	**3.4**	**1.4**	<0.86	**18**	**0.81**	**3**
Vinyl chloride	<4.1	<2.6	<4.1	<0.040	<0.050	<0.10	<0.41	<0.10	<0.10	<0.10 **J**

Sample Point:	SSV-3				
Chemicals of Concern	**Dec-13**	**Mar-14**	**Dec-14**	**Nov-15**	**Nov-16**
Chloroethane	<0.53	**1.1**	**7.1**	**9.5**	**4.2**
1,1-Dichloroethane	**93.5**	**44.1**	**154**	**168**	**217**
1,1-Dichloroethylene	**19**	**17**	**66.2**	**133**	**135**
cis-1,2-Dichloroethylene	**6.7**	**1.3**	**3.6**	**2.7**	**2.9 J**
trans-1,2-Dichloroethylene	<0.79	<0.79	<0.79	<0.79	<3.2
1,1,1-Trichloroethane	**300**	**196**	**1,580**	**1,120**	**1,960**
Tetrachloroethylene	**47**	**7.5**	**142**	**5.9**	**16**
Trichloroethylene	**23**	**3**	**16**	**30**	**3.1**
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.41

All results are in micrograms per cubic meter.
2008 Soil Vapor Samples were analyzed by Air Toxics. All other samples analyzed by Accutest.
2006 and 20007 Soil Vapor Samples were collected over 4 hours. All other samples collected over 8 hours.
J = Estimated below the detection limit. E = Estimated over the detection limit.
Detections are in bold type.

Soil Vapor Investigation Sampling Event of 11/10/2016

Hangar D1 Bay 1B, Westchester County Airport

Chemicals of Concern	Outdoor Air*	Indoor Air (Ambient)				Soil Vapor		
		Office (SSV-1)	Reception (SSV-2)	Lounge (SSV-2)	Hangar (SSV-3)	SSV-1 (Office)	SSV-2 (Lounge)	SSV-3 (Hangar)
	Nov-16	Nov-16	Nov-16	Nov-16	Nov-16	Nov-16	Nov-16	Nov-16
Chloroethane	<0.53 J	<0.53	<0.53	<0.53 J	<0.53	<0.53 J	<0.53 J	**4.2**
1,1-Dichloroethane	<0.81 J	<0.81	<0.81	<0.81 J	<0.81	<0.81 J	<0.81 J	**217**
1,1-Dichloroethylene	<0.79 J	<0.79	<0.79	<0.79 J	<0.79	<0.79 J	<0.79 J	**135**
cis-1,2-Dichloroethylene	<0.79 J	<0.79	<0.79	<0.79 J	<0.79	<0.79 J	<0.79 J	**2.9 J**
trans-1,2-Dichloroethylene	<0.79 J	<0.79	<0.79	<0.79 J	<0.79	<0.79 J	<0.79 J	<3.2
1,1,1-Trichloroethane	<0.55 J	**0.82**	<0.55	<0.55 J	<0.55	**3.4**	**3.6**	**1960**
Tetrachloroethylene	<0.27 J	<0.27	<0.27	<0.27 J	**0.24 J**	**1.2**	**22**	**16**
Trichloroethylene	<0.21 J	<0.21	<0.21	<0.21 J	**0.25**	**0.23**	**3.0**	**3.1**
Vinyl chloride	<0.10 J	<0.10	<0.10	<0.10 J	<0.10	<0.10 J	<0.10 J	<0.41

All results are in micrograms per cubic meter.

* Sample collected over 4 hours, other samples collected over 8 hours. All samples collected in a 6 liter Summa canister and analyzed by EPA Method T015.

J = Estimated value below the detection limit or due to validation. E = Estimated value over the detection limit.

Detections are in bold type.

Recommended Action is "Mitigate".

Take reasonable and practical actions to identify source(s) and reduce exposures.

Appendix B
Indoor air quality questionnaire and building inventory

As discussed in Section 2.11, products in buildings should be inventoried every time indoor air is sampled to provide an accurate assessment of the potential contribution of volatile chemicals. In addition, the type of structure, floor layout and physical conditions of the building being studied should be noted to identify (and minimize) conditions that may interfere with the proposed testing.

Toward this end, a blank copy of the NYSDOH Center for Environmental Health's Indoor Air Quality Questionnaire and Building Inventory is provided in this appendix. Also provided is an example that demonstrates how the form should be completed properly.

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

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

Preparer's Name Christina Andreotto Date/Time Prepared 11/9/16, 0900 AM

Preparer's Affiliation GES, Inc. Phone No. 866-839-5195, x3862

Purpose of Investigation Annual testing per approved SMP

1. OCCUPANT:

Interviewed: (Y) / N - Ross Aviation

Last Name: Mejia First Name: Joe

Address: 240 Airport Road, Hangar D-1, White Plains, NY

County: Westchester

Home Phone: _____ Office Phone: 914-806-4560

Number of Occupants/persons at this location 10-15 Age of Occupants 20-50

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

Interviewed: Y / (N)

Last Name: _____First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

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

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

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

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) Airport - Active Hangar

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

Other characteristics:

Number of floors 2 Building age N/A

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

4. AIRFLOW

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

Airflow between floors

From the lobby, airflow is up (twoards the second floor offices). The doors were closed at the time of the survey. When doors are open, flow is inwards toward lobby and lounge.

Airflow near source

Flow is upwards. No apprent flow in any other direction.

Outdoor air infiltration

When doors are open, air flows inwards toward center of hangar. The hangar doors remained closed at the time of this survey.

Infiltration into air ducts

Air flow is vertical towards the ducts.

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

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

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

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

Floor drains located between the hangar bays; expansion joints; monitoring wells; boring patches; seams along the walls; utility vaults; grounding rods.

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

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

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

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Oil

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

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

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

Ducts are visible along the walls of the hangar. Ducts appear in good condition. Inside the office and reception areas, ductwork is contained within the ceiling and not visible.

7. OCCUPANCY

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

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A
1st Floor	Airport hangar (D1); offices, washrooms, lounge, kitchen, reception area.
2nd Floor	Offices.
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Are there odors in the building? Y / (N)
If yes, please describe: Not at the time of this survey, though mechanics work on planes daily.

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

If yes, what types of solvents are used? WD-40, paint thinners, other chemicals (see inventory)

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

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

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

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

9. WATER AND SEWAGE

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

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

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

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

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

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

11. FLOOR PLANS

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

Basement: Refer to Site Map

First Floor: Refer to Site Map

12. OUTDOOR PLOT

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

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

Refer to Site Map

OFFICE

VISITOR OFFICE (RUG)
BATHROOM (TILE)
BATHROOM (TILE)
SINK
STORAGE (TILE)
LOUNGE (RUG)
PILOT AND PASSENGER LOUNGE (RUG)
COUNTER TOP
KITCHEN (TILE)
SSV-2
FLIGHT INFORMATION (RUG)
STORAGE
RECEPTION (MARBLE TILE)
OPEN STORAGE AREA
(RUG)
OFFICE (RUG)
OFFICE (TILE)
CLOSET
(TILE)
SSV-1
OFFICE (TILE)
(TILE)
STORAGE (TILE)
OFFICE (RUG)
(TILE)
CLOSET (RUG)

EXTERIOR WALL

OUTDOOR (Ambient)

Outdoor Fuel Oil AST

LOUNGE (Ambient)

SSV-2 (Sub-Slab)

RECEPTION (Ambient)

STAIRCASE

SSV-1 (Sub-Slab)

SSV-1 (Ambient)

VP5
VP10
VP9

Fire Cabinet

SOURCE AREA REMEDIATION SYSTEM (SOIL VAPOR EXTRACTION)

VP4
VP8
SVE-1
VW2
VP2
VP7
VP1
VW1
SVE-3

Hangar area box of materials

INTERIOR WALL

SSV-3
SVE-2
VP6
FLOOR DRAIN
FLOOR DRAIN
VP3
SVE-4

SSV-3 (Sub-Slab)

SSV-3 (Ambient)

INTERIOR WALL

SVE-5

Waste drums & Jet Fuel

Product Inventory Site Plan
11-09-2016

TEXACO
HANGAR D

EXTERIOR HANGAR DOORS

TREATMENT SHED

10' 0 10' 20'
BAR SCALE
1" = 20'
SCALE IS APPROXIMATE

LEGEND:

- △ OUTDOOR AIR SAMPLE LOCATION
- ▲ INDOOR AIR SAMPLE LOCATION
- ▽VP2 VAPOR PROBE
- SUB-SLAB VAPOR PROBE
- VW1 VAPOR EXTRACTION PILOT TEST WELL
- SVE-2 SOIL VAPOR EXTRACTION WELL

1520 HIGHLAND AVENUE
CHESHIRE, CONNECTICUT 06410
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COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD &CURRAN

SITE PLAN

CHECKED BY: AP
DESIGNED BY: AP
DRAWN BY: SH/PFF
206565_U2_SITE 12-13.dwg

WESTCHESTER COUNTY AIRPORT
HANGAR D

SOIL VAPOR
SAMPLING LOCATIONS

JOB NO: 206824
DATE: FEBRUARY 2014
SCALE: 1"= 20'

FIGURE 2

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae PID

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Hangar	Oxygen Canisters		U	Oxygen	0.0	Y
Hangar	Jet Fuel	55-gal	U	See Manufacturer	0.0	Y
Hangar	AVL De-Icing Fluid	55-gal	U	See Manufacturer	0.0	Y
Hangar	Used Oil	55-gal	U	See Manufacturer	0.0	Y
Hangar	Leak-Spill Absorbent	Bag	U	See Manufacturer	0.0	Y
Hangar	LPS Dust Inhibitor	11-oz	U	See Manufacturer	0.0	Y
Hangar	LPS Heavy Duty Lubricant	11-oz	U	See Manufacturer	0.0	Y
Hangar	LPS Premium Lubricant	11-oz	U	See Manufacturer	0.0	Y
Hangar	LPS Silicone Lubricant	11-oz	U	See Manufacturer	0.0	Y
Hangar	Zy Glo Penetrant	11-oz	U	See Manufacturer	0.0	Y
Hangar	Rust-Oleum Gloss Protective Enamel	12-oz	U	See Manufacturer	0.0	Y
Hangar	Red Lion Pro-Coat	12-oz	U	See Manufacturer	0.0	Y
Hangar	Mobil Jet Oil II	1-quart	U	See Manufacturer	0.0	Y
Hangar	Paint Thinners	1-quart	U	See Manufacturer	0.0	Y
Hangar	Isopropyl Alcohol	1-gal	U	See Manufacturer	0.0	Y
Hangar	Skydrol Hydraulic Fluid	1-gal	U	See Manufacturer	0.0	Y
Hangar	Mineral Spirits	1-gal	U	See Manufacturer	0.0	Y
Hangar	Spray Nine Cleaner	1-quart	U	See Manufacturer	0.0	Y
Hangar	Super-Nac Cleaner	1-quart	U	See Manufacturer	0.0	Y

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

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae PID

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Hangar	Oxi-Clean		U	See Manufacturer	0.0	Y
Kitchen	Palmolive Hand Soap	10-fl oz	U	See Manufacturer	0.0	Y
Closet	Heavy-Duty Cleaner	5-gal	U	See Manufacturer	0.0	Y
Outside	Fuel Oil AST		U	See Manufacturer	0.0	Y

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

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ATTACHMENT E

Data Usability Summary

Laboratory Packages JC31566 and JC33186

ExxonMobil Terminal Orphan, Hangar D

Westchester Airport

White Plains, NY

Introduction

A 10% data validation has been completed for the data packages generated by SGS-Accutest Laboratories that pertain to groundwater samples collected 12/01/16 and 12/02/2016 and air samples collected 11/10/2016 at the Hangar D site. The December sampling event included twenty-six water samples, including nineteen monitoring well samples, two field blank samples, two rinsate blank samples, two field duplicates, and one trip blank. The air sampling event included five ambient air samples and three sub-slab air samples.

The data packages submitted contained full deliverables for validation, but this usability report is generated from review of two groundwater samples and one air sample (10% of the data). Reviewed information includes the summary forms, sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary tables have been reviewed for application of validation qualifiers, per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Organic Data Review, as affects the usability of the sample data. The following items were reviewed:

* Laboratory Narrative Discussion
* Custody Documentation
* Holding Times
* Canister Pressures where applicable
* Surrogate Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Field Duplicate Correlations
* Preparation/Calibration Blanks
* Control Spike/Laboratory Control Samples
* Calibration Standards
* Instrument IDLs
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review.

In summary, sample processing was compliant with protocol requirements, and reported results are usable, with a few estimated values. Estimated values include those reported results where the quantitation was below the practical quantitation limit of the laboratory, but above the method detection limit. Copies of the laboratory case narratives and sample results forms with validation qualifiers and

edits applied are attached to this text, and should be reviewed in conjunction with this report. The following text discusses quality issues of concern.

Volatile Organic Compounds in Aqueous Matrix with cis-1,2-Dichloroethene: Analyses by EPA8260B

Samples were evaluated for agreement with the chain-of-custody. All samples were received by the laboratory in the appropriate containers and in good condition. The sample receipt temperature of 3.5°C was within the acceptance criteria of 4 ± 2°C. No data were qualified.

Samples were preserved in the field as specified in SW-846. Samples were prepared and analyzed within holding times specified in SW-846.

Holding times were met and blanks showed no contamination.

Surrogate recoveries are within validation action guidelines.

Calibration standard responses associated with the project samples were acceptable.

Matrix spike recoveries show acceptable accuracy and precision. Spiked blank recoveries are acceptable.

Blind field duplicate correlations for MW-10S had variance calculated to determine precision for all analytes reported above the MDL. The analytical results show good precision, with relative percent differences well within project objectives.

No other data qualification was necessary for the groundwater analytical results.

Volatile Organic Compounds in Ambient and Sub-Slab Air: Analyses by Method TO-15

Samples were received by the laboratory in good condition. The Reception ambient sample was chosen for data validation and review. The pressure in the summa canisters was 7" Hg, below the recommended 8" Hg. Review of other pressures showed that four samples (SSV-1 (SUB-SLAB), SSV-2 (SUB-SLAB), LOUNGE, OUTDOOR) were received with slightly high pressures (all ≤ 10" Hg) requiring minimal dilution factors to be applied. For these samples, all non-detects should be considered estimated.

Holding times were met and blanks showed no contamination. Surrogate recoveries are within validation action guidelines. Calibration standard responses associated with the project samples were acceptable.

Spiked blank recoveries are acceptable.

Of the air samples, the Lounge (Ambient) sample reported ethyl alcohol above the calibration curve with no dilution sample subsequently run. The ethyl alcohol concentration for this sample is therefore qualified as estimated. The duplicate analysis of the sample SSV-2 (Sub-Slab) prepared in the laboratory showed good precision issue where the RPDs calculated were all within project objectives and below the laboratory provided criteria.

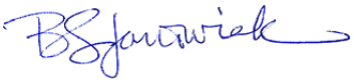
Summary

Groundwater and air analytical data are usable for the purposes of evaluating the current COC concentrations in groundwater and air at the subject site with the following consideration. The data user is advised that:

- The data user should consider the ambient air non-detects reported for SSV-1 (SUB-SLAB), SSV-2 (SUB-SLAB), LOUNGE, OUTDOOR sampling areas to be estimated (UJ).

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,



Bonnie Janowiak, Ph.D.