COMMITMENT & INTEGRITY
DRIVE RESULTS

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Via Electronic Mail and US Mail

January 26, 2016

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: 2015 Periodic Review Report
Hangar D1 Bay 1B, Westchester County Airport, White Plains, New York
Site No. 360037

Dear Mr. Hubicki:

Attached please find the 2015 Periodic Review Report for the above referenced project. This report was prepared pursuant to Section 5 and Table 8 of the February 2015 Site Management Plan for Hangar D1 Bay 1B at the Westchester County Airport in White Plains, New York.

We have been advised by field personnel that the Soil Vapor Extraction (SVE) system, which has been shut-down since 2013, has fallen into some disrepair. In lieu of making repairs to the inoperative system, we are seeking approval to dismantle and remove the system shed and equipment components. Please let us know if we can provide any additional information to facilitate approval to remove the SVE system, or of any questions or comments on the enclosed report.

Thank you for your time and assistance with this project.

Sincerely,

WOODARD & CURRAN, INC.

Anne E. Proctor, PE
Sr. Project Manager

Enclosure

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

Hangar D (Former Mobil Hangar)
Westchester County Airport
White Plains, New York
Periodic Review Report for 2015

1.0 Activities Conducted in 2015

On February 25, 2015, a certified Site Management Plan (SMP) was submitted to the NYSDEC and NYSDOH for the Hangar D1 Bay 1B site at Westchester County Airport in White Plains, New York. As described in the SMP, remedial activities have been completed at the hangar bay 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, the following post-remediation monitoring activities were conducted during calendar year 2015 to confirm attenuation of site-related constituents in environmental media beneath the hangar bay floor. The Hangar D1 Bay 1B site remains a hangar bay used for airport operations.

1.1 Ground Water Sampling

- A ground water sampling event was conducted on November 12 and 13, 2015. Nineteen wells were gauged and sampled by low-flow sampling techniques. A ground water contour map for shallow unconfined flow for the November 2015 monitoring event is included as Figure 1.

- Groundwater 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 335 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 18.4 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, increased approximately 30% in the vicinity of well MW-02, and decreased approximately 69% in downgradient wells (refer to Figure 2 and Attachments A and B). 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 8.6 ug/L that exceeded the criterion of 5 ug/L.

1.2 Soil Vapor, Indoor and Outdoor Air Sampling

- A soil vapor sampling event was conducted on November 10, 2015, and included outdoor, indoor, and sub-slab vapor samples. Samples were collected in 6-liter Summa canisters over 8 hours and submitted for laboratory analysis of VOCs by EPA Method TO-15 to Accutest. Attachment C includes a summary of laboratory results, a figure with sample locations, a completed site Questionnaire and Building Inventory, and field notes. The laboratory analytical report is included in Attachment B.

- The following items were noted for the November 2015 event results:

    - Trichloroethene was detected in indoor air samples ranging from <0.21 to 0.97 micrograms per cubic meter (ug/m^3). Based on concentrations in the companion sub-slab vapor samples,

ranging from 0.26 to 30 ug/m^3, the recommended action is "monitor"[1]. Field notes indicated some work was being conducted on the fire line and exterior to the hangar building, and Trichloroethene was also detected in the outdoor air sample indicating a source external to the hangar. One product noted in the hangar, Red Lion 74107 in a spray can, contains the parent compound Tetrachloroethene.

- 1,1,1-Trichloroethane was detected in sub-slab vapor beneath the hangar floor at a concentration of 1,120 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. The sub-slab concentration is also less than the concentration detected one year ago (1,580 ug/m^3 in November 2014).

1.3 Data Validation

A Data Usability Summary Report (DUSR) is included in Attachment D that was completed for the analytical laboratory results in Attachment B. 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:

- Concentrations in groundwater for 1,1,1-Trichloroethane, Trichloroethene and Vinyl Chloride in well MW-02 are estimated with a potential precision bias,
- The concentration in groundwater for Tetrachloroethene in well MW-13 is estimated with a potential precision bias, and
- Non-detects in ambient air samples collected in the office and hangar are estimated due to corrections required to account for elevated vacuum in the canisters following sample collection.

Applicable qualifiers have been added to the data tables in Attachments A and C.

2.0 Activities Planned for 2016

- Dismantle and remove the SVE system.
- Conduct the next ground water and vapor sampling events on or about November 2016.

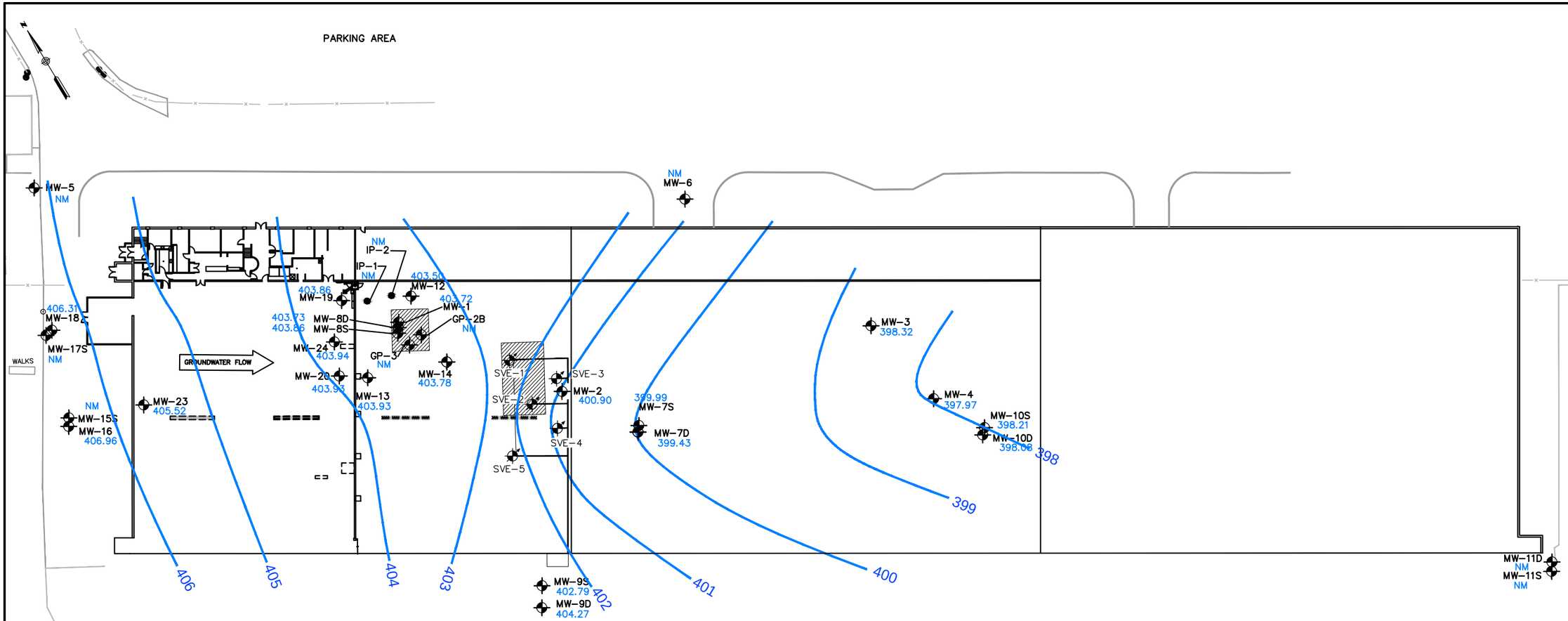
3.0 Summary of Project Deliverables

• Annual Periodic Review Reports (per the SMP)	on or about February 1
• Certified Site Management Plan	sent 2/25/15
• Progress Reports (quarterly through 2014)	last report sent 1/8/15
• 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'
CHECK GRAPHIC SCALE BEFORE USING

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COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

GROUNDWATER CONTOUR MAP NOVEMBER 2015

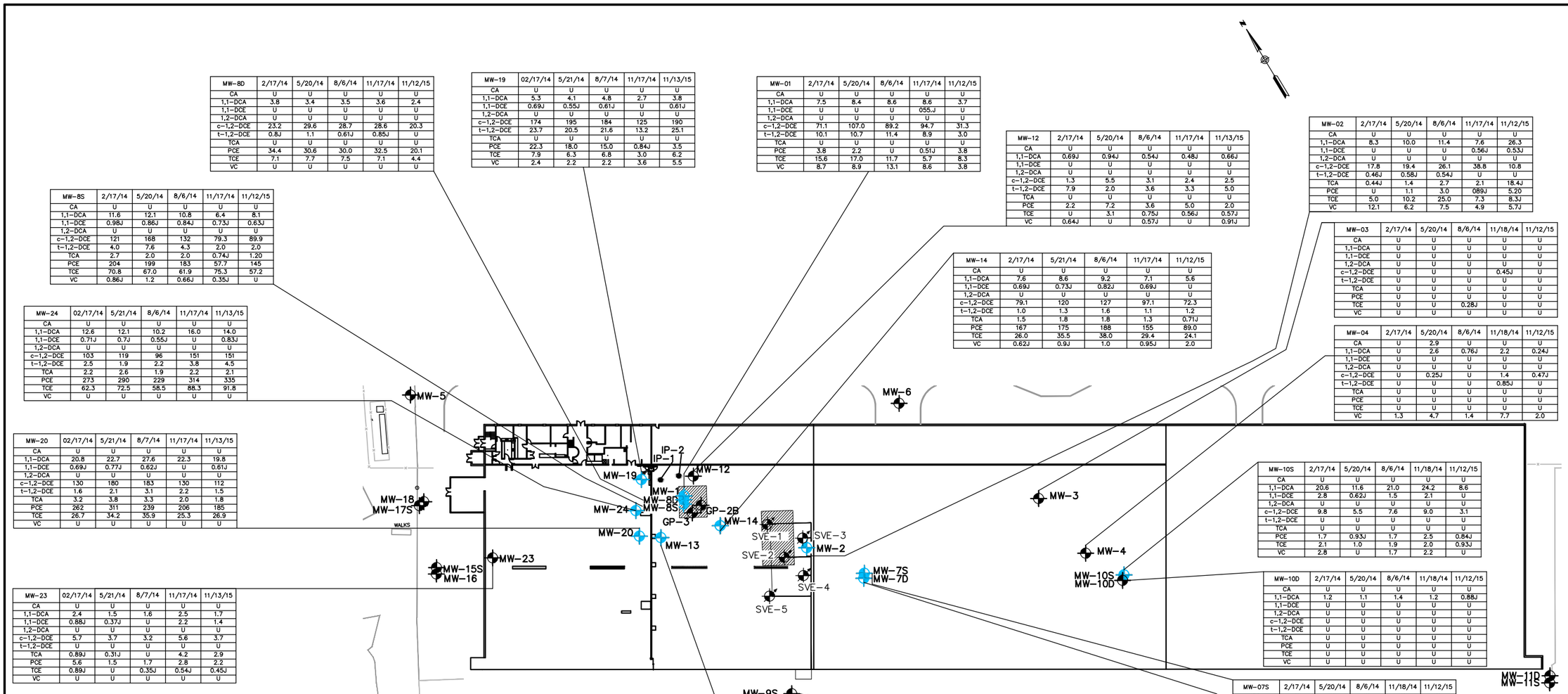
CHECKED BY: AP
DESIGNED BY: MO
DRAWN BY: JP
206924_U1-GW-11-15.dwg

EXXONMOBIL ENVIRONMENTAL SERVICES CO.

WESTCHESTER COUNTY AIRPORT HANGAR D

JOB NO: 206924
DATE: DEC. 2015
SCALE: AS NOTED

FIGURE 1



MW-8D	2/17/14	5/20/14	8/6/14	11/17/14	11/12/15
CA	U	U	U	U	U
1,1-DCA	3.8	3.4	3.5	3.6	2.4
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	23.2	29.6	28.7	28.6	20.3
t-1,2-DCE	0.8J	1.1	0.61J	0.85J	U
TCA	U	U	U	U	U
PCE	34.4	30.6	30.0	32.5	20.1
TCE	7.1	7.7	7.5	7.1	4.4
VC	U	U	U	U	U

MW-19	02/17/14	5/21/14	8/7/14	11/17/14	11/13/15
CA	U	U	U	U	U
1,1-DCA	5.3	4.1	4.8	2.7	3.8
1,1-DCE	0.69J	0.55J	0.61J	U	0.61J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	174	195	184	125	190
t-1,2-DCE	23.7	20.5	21.6	13.2	25.1
TCA	U	U	U	U	U
PCE	22.3	18.0	15.0	0.84J	3.5
TCE	7.9	6.3	6.8	3.0	6.2
VC	2.4	2.2	2.2	3.6	5.5

MW-01	2/17/14	5/20/14	8/6/14	11/17/14	11/12/15
CA	U	U	U	U	U
1,1-DCA	7.5	8.4	8.6	8.6	3.7
1,1-DCE	U	U	U	055.J	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	71.1	107.0	89.2	94.7	31.3
t-1,2-DCE	10.1	10.7	11.4	8.9	3.0
TCA	U	U	U	U	U
PCE	3.8	2.2	U	0.51J	3.8
TCE	15.6	17.0	11.7	5.7	8.3
VC	8.7	8.9	13.1	8.6	3.8

MW-12	2/17/14	5/20/14	8/6/14	11/17/14	11/13/15
CA	U	U	U	U	U
1,1-DCA	0.69J	0.94J	0.54J	0.48J	0.66J
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	1.3	5.5	3.1	2.4	2.5
t-1,2-DCE	7.9	2.0	3.6	3.3	5.0
TCA	U	U	U	U	U
PCE	2.2	7.2	3.6	5.0	2.0
TCE	U	3.1	0.75J	0.56J	0.57J
VC	0.64J	U	0.57J	U	0.91J

MW-02	2/17/14	5/20/14	8/6/14	11/17/14	11/12/15
CA	U	U	U	U	U
1,1-DCA	8.3	10.0	11.4	7.6	26.3
1,1-DCE	U	U	U	0.56J	0.53J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	17.8	19.4	26.1	38.8	10.8
t-1,2-DCE	0.46J	0.58J	0.54J	U	U
TCA	0.44J	1.4	2.7	2.1	18.4J
PCE	U	1.1	3.0	089J	5.20
TCE	5.0	10.2	25.0	7.3	8.3J
VC	12.1	6.2	7.5	4.9	5.7J

MW-8S	2/17/14	5/20/14	8/6/14	11/17/14	11/12/15
CA	U	U	U	U	U
1,1-DCA	11.6	12.1	10.8	6.4	8.1
1,1-DCE	0.98J	0.86J	0.84J	0.73J	0.63J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	121	168	132	79.3	89.9
t-1,2-DCE	4.0	7.6	4.3	2.0	2.0
TCA	2.7	2.0	2.0	0.74J	1.20
PCE	204	199	183	57.7	145
TCE	70.8	67.0	61.9	75.3	57.2
VC	0.86J	1.2	0.66J	0.35J	U

MW-14	2/17/14	5/21/14	8/6/14	11/17/14	11/12/15
CA	U	U	U	U	U
1,1-DCA	7.6	8.6	9.2	7.1	5.6
1,1-DCE	0.69J	0.73J	0.82J	0.69J	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	79.1	120	127	97.1	72.3
t-1,2-DCE	1.0	1.3	1.6	1.1	1.2
TCA	1.5	1.8	1.8	1.3	0.71J
PCE	167	175	188	155	89.0
TCE	26.0	35.5	38.0	29.4	24.1
VC	0.62J	0.9J	1.0	0.95J	2.0

MW-03	2/17/14	5/20/14	8/6/14	11/18/14	11/12/15
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	0.45J	U
t-1,2-DCE	U	U	U	U	U
TCA	U	U	U	U	U
PCE	U	U	U	U	U
TCE	U	U	0.28J	U	U
VC	U	U	U	U	U

MW-24	02/17/14	5/21/14	8/6/14	11/17/14	11/13/15
CA	U	U	U	U	U
1,1-DCA	12.6	12.1	10.2	16.0	14.0
1,1-DCE	0.71J	0.7J	0.55J	U	0.83J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	103	119	96	151	151
t-1,2-DCE	2.5	1.9	2.2	3.8	4.5
TCA	2.2	2.6	1.9	2.2	2.1
PCE	273	290	229	314	335
TCE	62.3	72.5	58.5	88.3	91.8
VC	U	U	U	U	U

MW-04	2/17/14	5/20/14	8/6/14	11/18/14	11/12/15
CA	U	2.9	U	U	U
1,1-DCA	U	2.6	0.76J	2.2	0.24J
1,1-DCE	U	U	U	U	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	U	0.25J	U	1.4	0.47J
t-1,2-DCE	U	U	U	0.85J	U
TCA	U	U	U	U	U
PCE	U	U	U	U	U
TCE	U	U	U	U	U
VC	1.3	4.7	1.4	7.7	2.0

MW-20	02/17/14	5/21/14	8/7/14	11/17/14	11/13/15
CA	U	U	U	U	U
1,1-DCA	20.8	22.7	27.6	22.3	19.8
1,1-DCE	0.69J	0.77J	0.62J	U	0.61J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	130	180	183	130	112
t-1,2-DCE	1.6	2.1	3.1	2.2	1.5
TCA	3.2	3.8	3.3	2.0	1.8
PCE	262	311	239	206	185
TCE	26.7	34.2	35.9	25.3	26.9
VC	U	U	U	U	U

MW-10S	2/17/14	5/20/14	8/6/14	11/18/14	11/12/15
CA	U	U	U	U	U
1,1-DCA	20.6	11.6	21.0	24.2	8.6
1,1-DCE	2.8	0.62J	1.5	2.1	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	9.8	5.5	7.6	9.0	3.1
t-1,2-DCE	U	U	U	U	U
TCA	U	U	U	U	U
PCE	1.7	0.93J	1.7	2.5	0.84J
TCE	2.1	1.0	1.9	2.0	0.93J
VC	2.8	U	1.7	2.2	U

MW-23	02/17/14	5/21/14	8/7/14	11/17/14	11/13/15
CA	U	U	U	U	U
1,1-DCA	2.4	1.5	1.6	2.5	1.7
1,1-DCE	0.88J	0.37J	U	2.2	1.4
1,2-DCA	U	U	U	U	U
c-1,2-DCE	5.7	3.7	3.2	5.6	3.7
t-1,2-DCE	U	U	U	U	U
TCA	0.89J	0.31J	U	4.2	2.9
PCE	5.6	1.5	1.7	2.8	2.2
TCE	0.89J	U	0.35J	0.54J	0.45J
VC	U	U	U	U	U

MW-10D	2/17/14	5/20/14	8/6/14	11/18/14	11/12/15
CA	U	U	U	U	U
1,1-DCA	1.2	1.1	1.4	1.2	0.88J
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	U	U	U	U	U
TCE	U	U	U	U	U
VC	U	U	U	U	U

MW-13	2/17/14	5/20/14	8/7/14	11/17/14	11/13/15
CA	U	U	U	U	U
1,1-DCA	6.9	6.3	6.8	7.6	7.3
1,1-DCE	U	0.63J	0.58J	U	0.55J
1,2-DCA	U	U	U	U	U
c-1,2-DCE	71.9	77.7	80.2	71.5	81.4
t-1,2-DCE	U	0.67J	1.1	1.1	0.75J
TCA	3.1	2.9	2.4	1.9	1.9
PCE	286	215	212	148	184J
TCE	19.1	19.0	19.7	21.0	21.8
VC	U	U	U	U	U

MW-09S	2/17/14	5/21/14	8/6/14	11/18/14	11/13/15
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	0.7J	U	U	U	U
t-1,2-DCE	U	U	U	U	U
TCA	U	U	U	U	U
PCE	2.0	2.0	U	U	0.69J
TCE	0.69J	21.2	U	U	U
VC	U	U	U	U	U

MW-09D	2/17/14	5/21/14	8/6/14	11/18/14	11/13/15
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	0.71J	U	U	0.51J	0.34J
t-1,2-DCE	U	U	U	U	U
TCA	U	U	U	U	U
PCE	2.1	0.93J	0.73J	0.53J	0.79J
TCE	U	U	U	U	U
VC	U	U	U	U	U

MW-07S	2/17/14	5/20/14	8/6/14	11/18/14	11/12/15
CA	U	U	U	U	U
1,1-DCA	85.8	50.1	33.2	29.1	51.4
1,1-DCE	55.0	30.2	8.1	7.7	5.8
1,2-DCA	U	U	U	U	U
c-1,2-DCE	30.7	41.1	46.0	32.2	39.7
t-1,2-DCE	U	U	U	0.61J	U
TCA	29.8	17.8	12.4	4.8	6.2
PCE	57.7	40.1	1.0	1.0	1.5
TCE	24.0	22.4	18.1	7.6	17.7
VC	9.8	10.0	10.2	9.1	9.9

MW-07D	2/17/14	5/20/14	8/6/14	11/18/14	11/12/15
CA	U	U	U	U	0.38J
1,1-DCA	29.9	25.6	22.2	20.2	20.3
1,1-DCE	2.1	1.2	0.50J	0.62J	U
1,2-DCA	U	U	U	U	U
c-1,2-DCE	5.9	5.6	3.8	2.1	1.6
t-1,2-DCE	U	U	U	U	U
TCA	U	U	U	U	U
PCE	U	U	U	U	U
TCE	4.5	2.8	1.1	0.47J	0.72J
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 = TETRACHOLORETHENE
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

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88.265.8969 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

GROUNDWATER SAMPLING RESULTS NOVEMBER 2015

CHECKED BY: AP
206924_U2_CHEM 11-15.DWG

DESIGNED BY: MO
DRAWN BY: JP

EXXONMOBIL ENVIRONMENTAL SERVICES CO.

WESTCHESTER COUNTY AIRPORT HANGAR D

JOB NO: 206924
DATE: DEC. 2015
SCALE: AS NOTED

FIGURE 2

ATTACHMENT A

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
	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
	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
	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
	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
	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
	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
	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
	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
	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	107.0	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
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
	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
	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
	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	7.2	1.0 U	1.0 U	39.2	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
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	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
Area	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
	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	0.48 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
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	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
Area	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
	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
	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
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
	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
	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
	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
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-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
	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
	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
	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
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
	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
	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
	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
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
	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
	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
	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
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-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
	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
	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
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-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
	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
	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
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
	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
	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
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-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
	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
	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
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	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	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
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
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
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
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
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

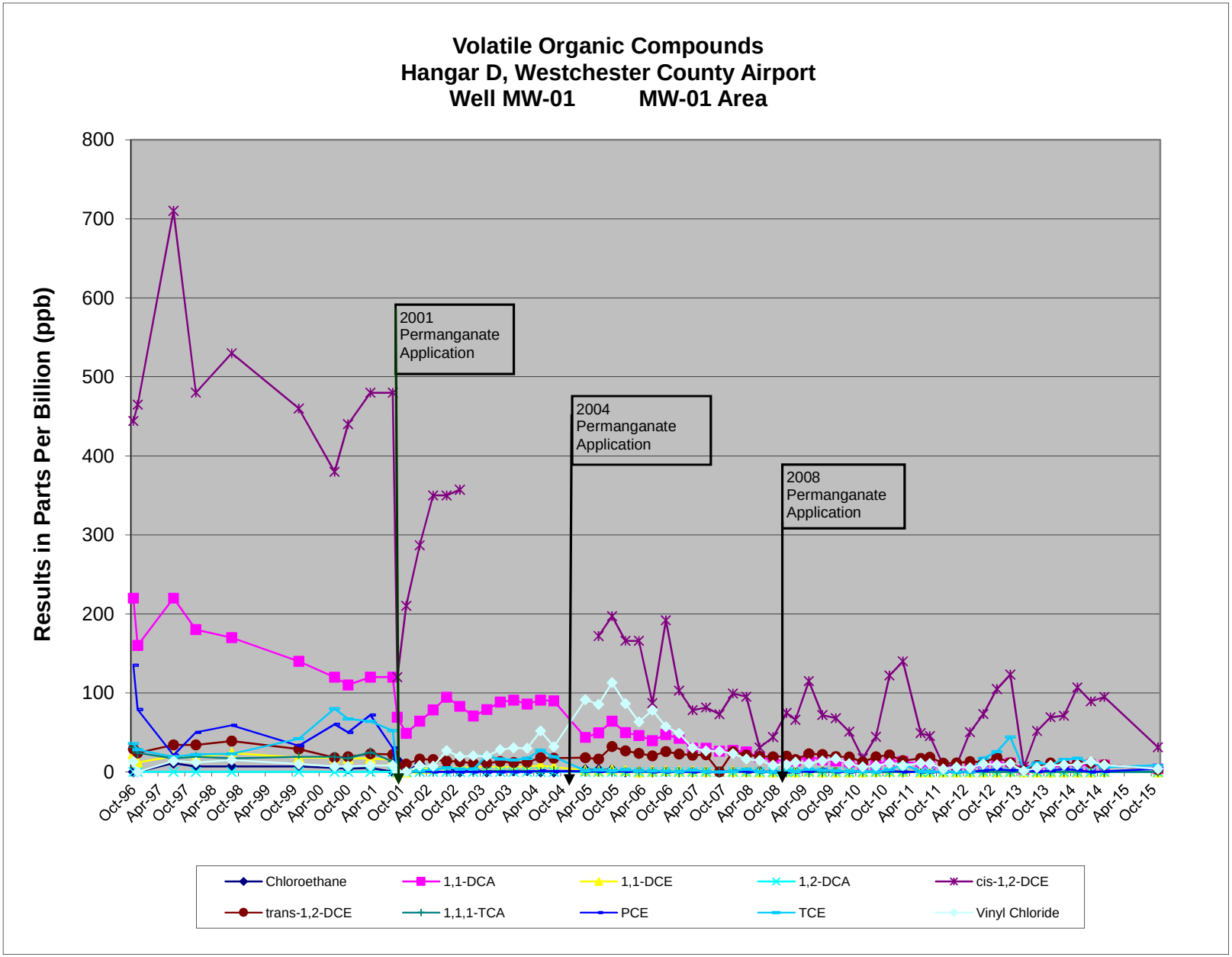
Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-23	8/08/12	1.0 U	2.38	1.0 U	1.0 U	6.6	1.0 U	1.0 U	7.75	1.0 U	1.0 U	1.0 U	1.0 U	17
Upgradient Area	11/05/12	1.0 U	3.16	1.0 U	1.0 U	8.55	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
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

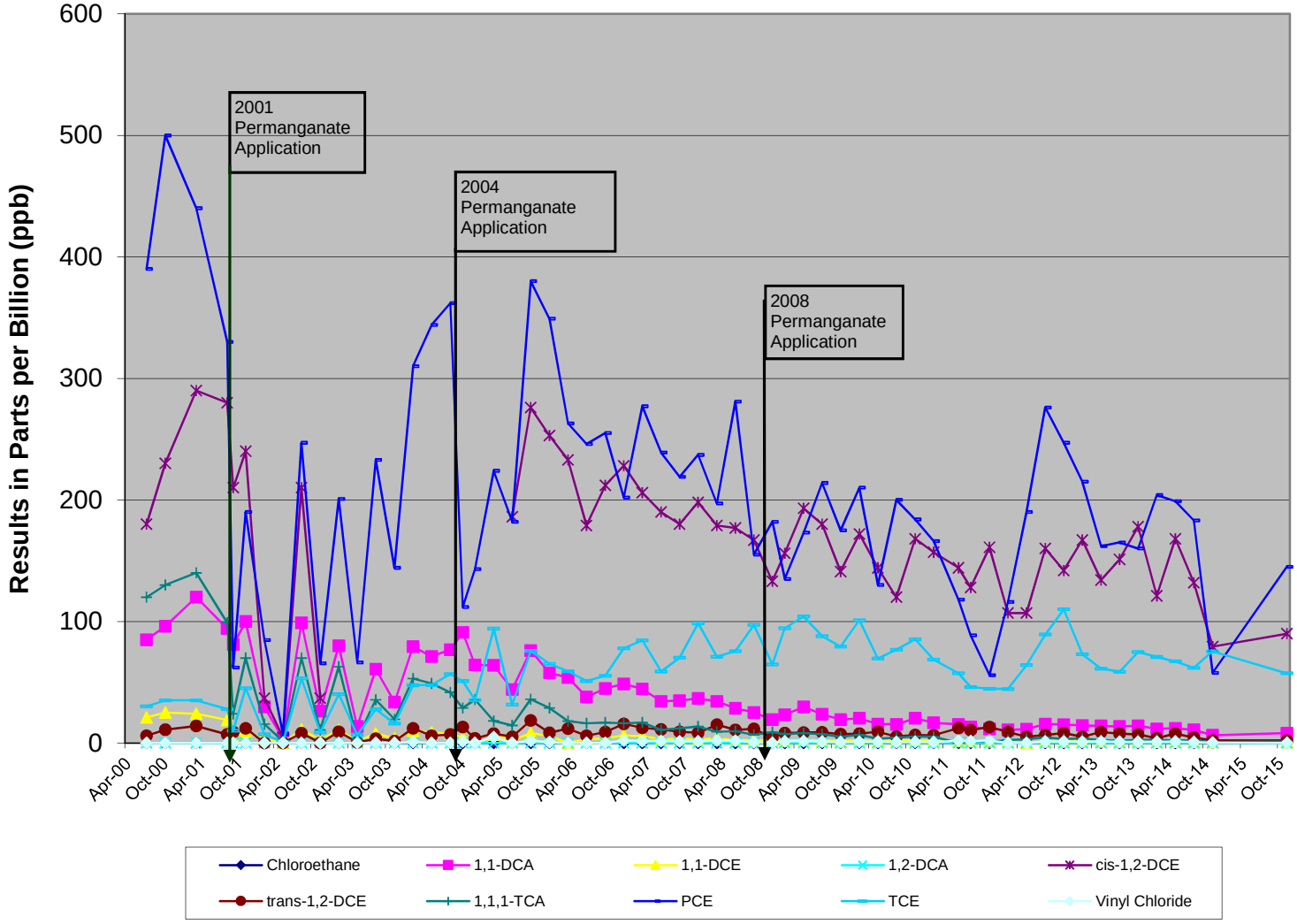
Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-24	8/08/12	1.0 U	24.7	1.33	1.0 U	183	4.66	3.52	299	60.9	1.0 U	1.0 U	1.0 U	577
	11/05/12	1.0 U	29.3	1.20	1.0 U	176	7.5	2.34	276	124	1.0 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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

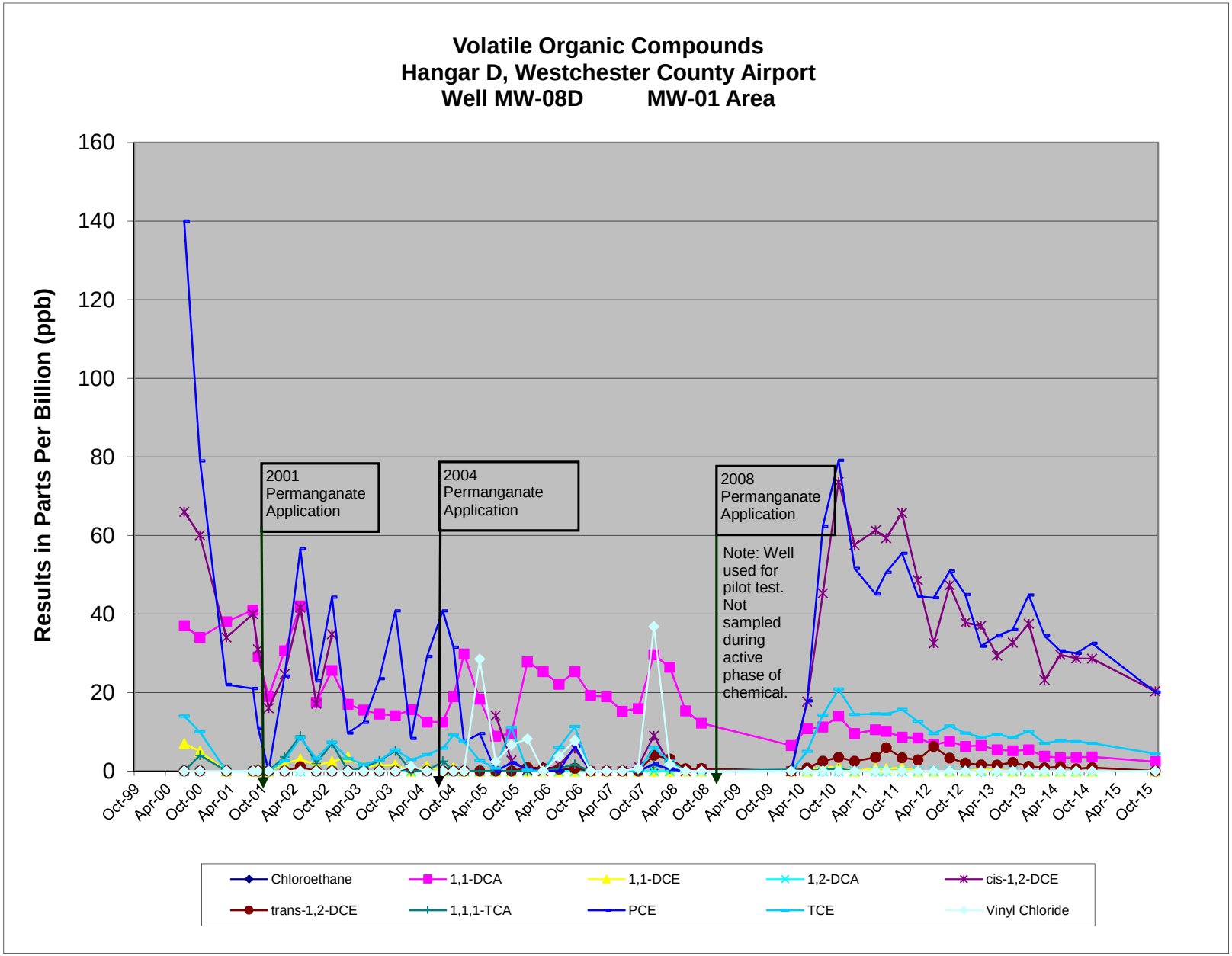
Notes:

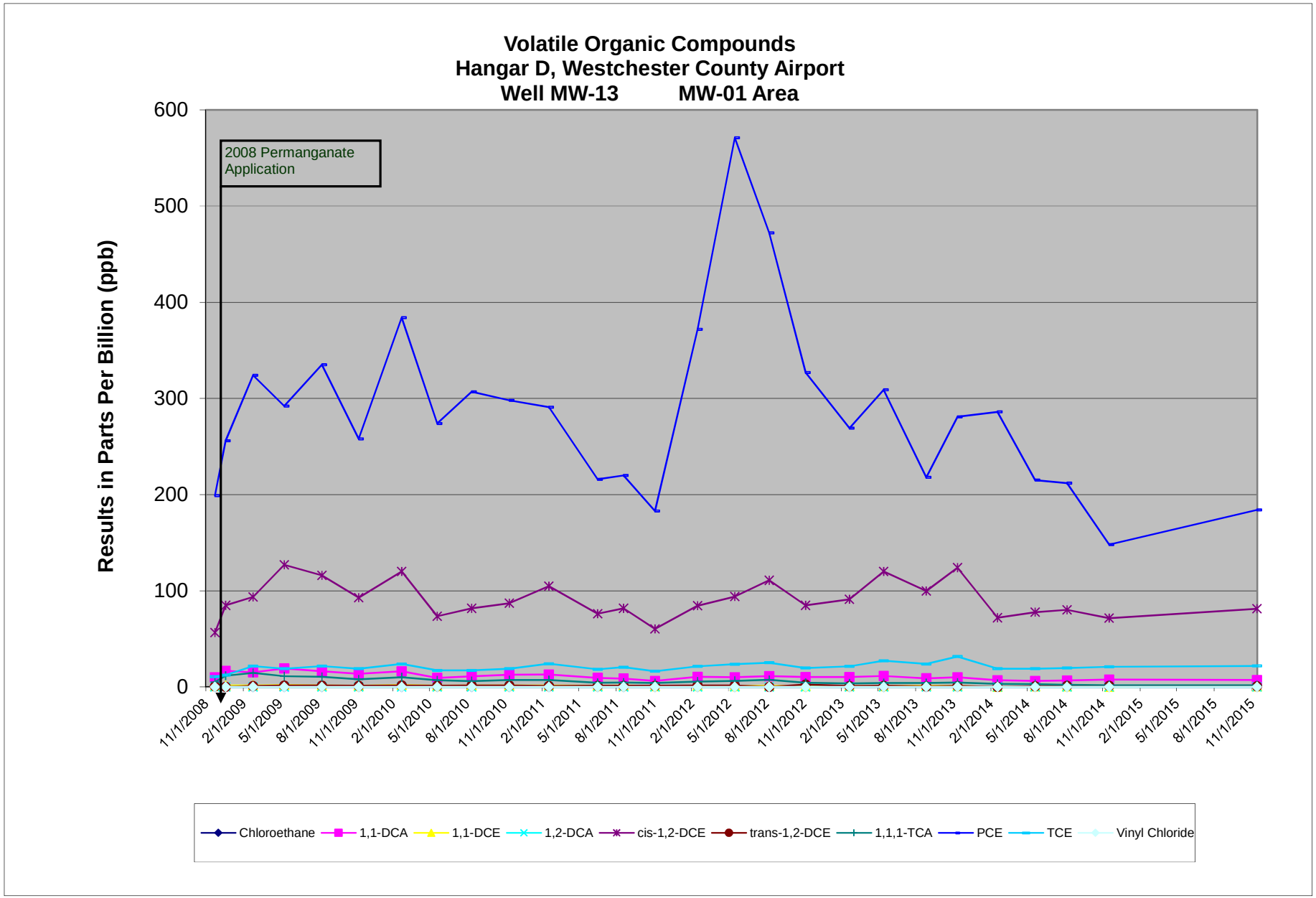
Concentrations are in ug/L (ppb).
B = Compound found in associated field blank sample
E = Estimated concentration, high
J = Estimated concentration, low or due to validation
NA = Not Analyzed
NYSDEC = New York State Department of Environmental Conservation
U = Compound undetected.
VOC = Volatile Organic 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

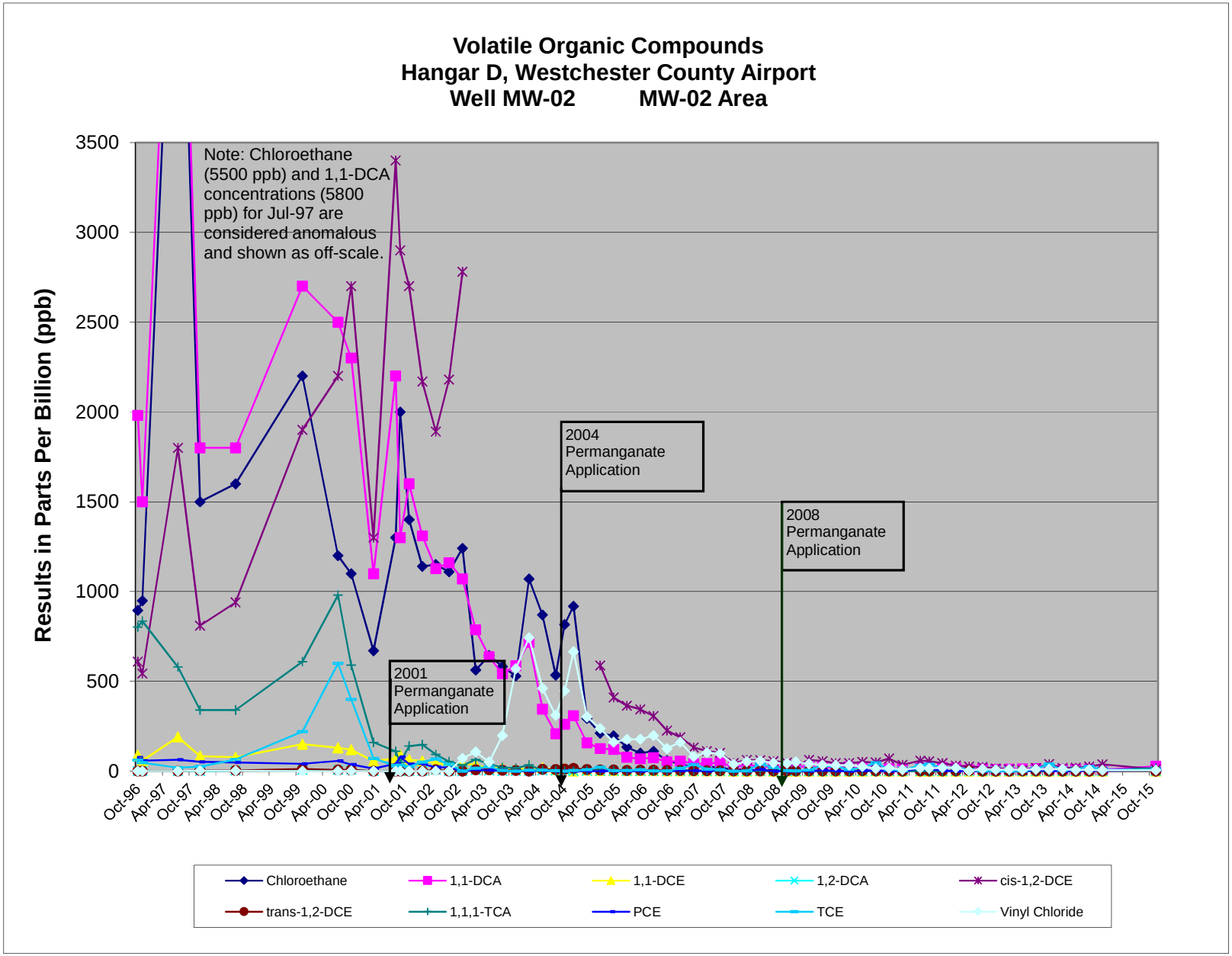

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-01 MW-01 Area
Results in Parts Per Billion (ppb)
800
700
600
500
400
300
200
100
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
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
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

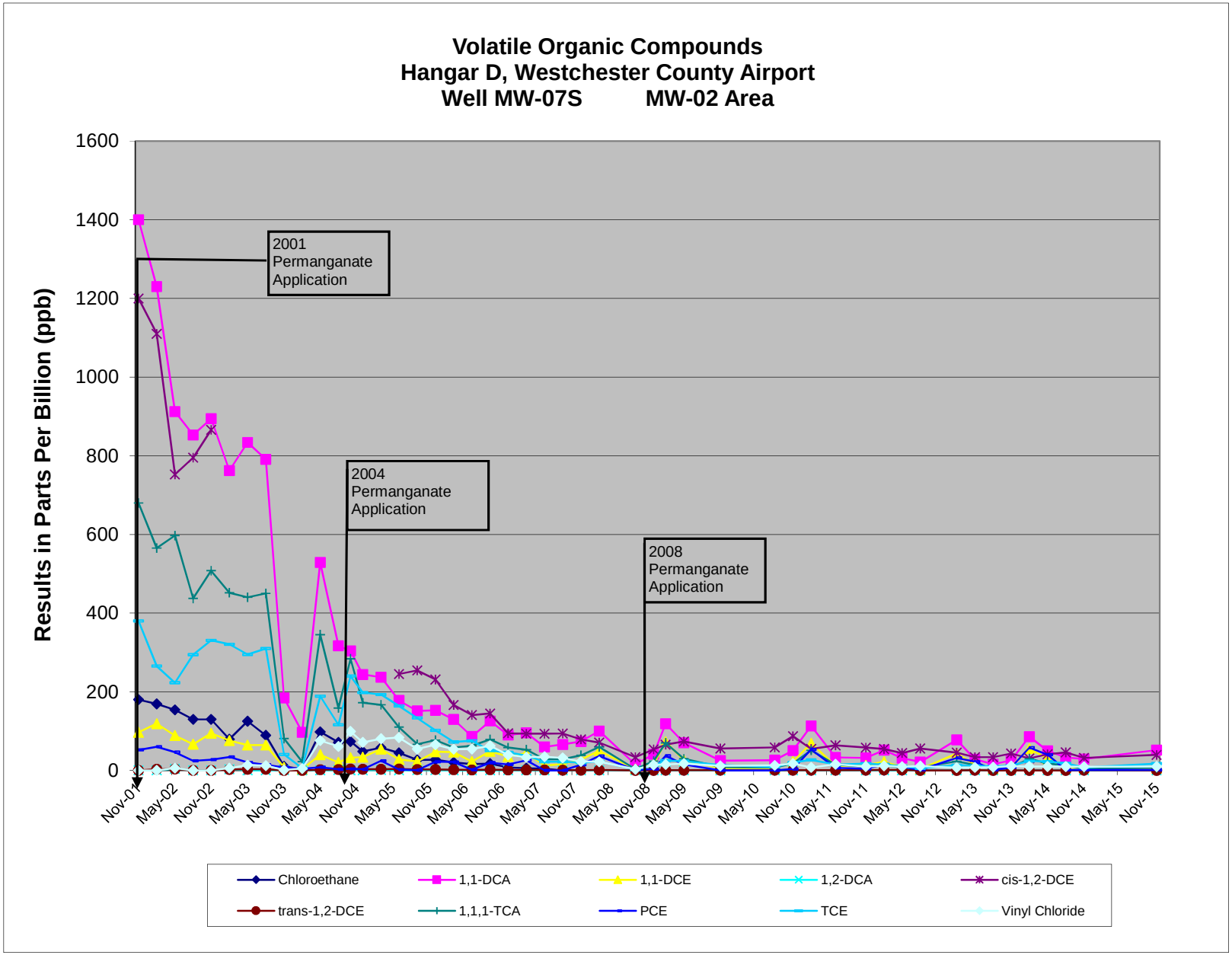
Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-08S MW-01 Area

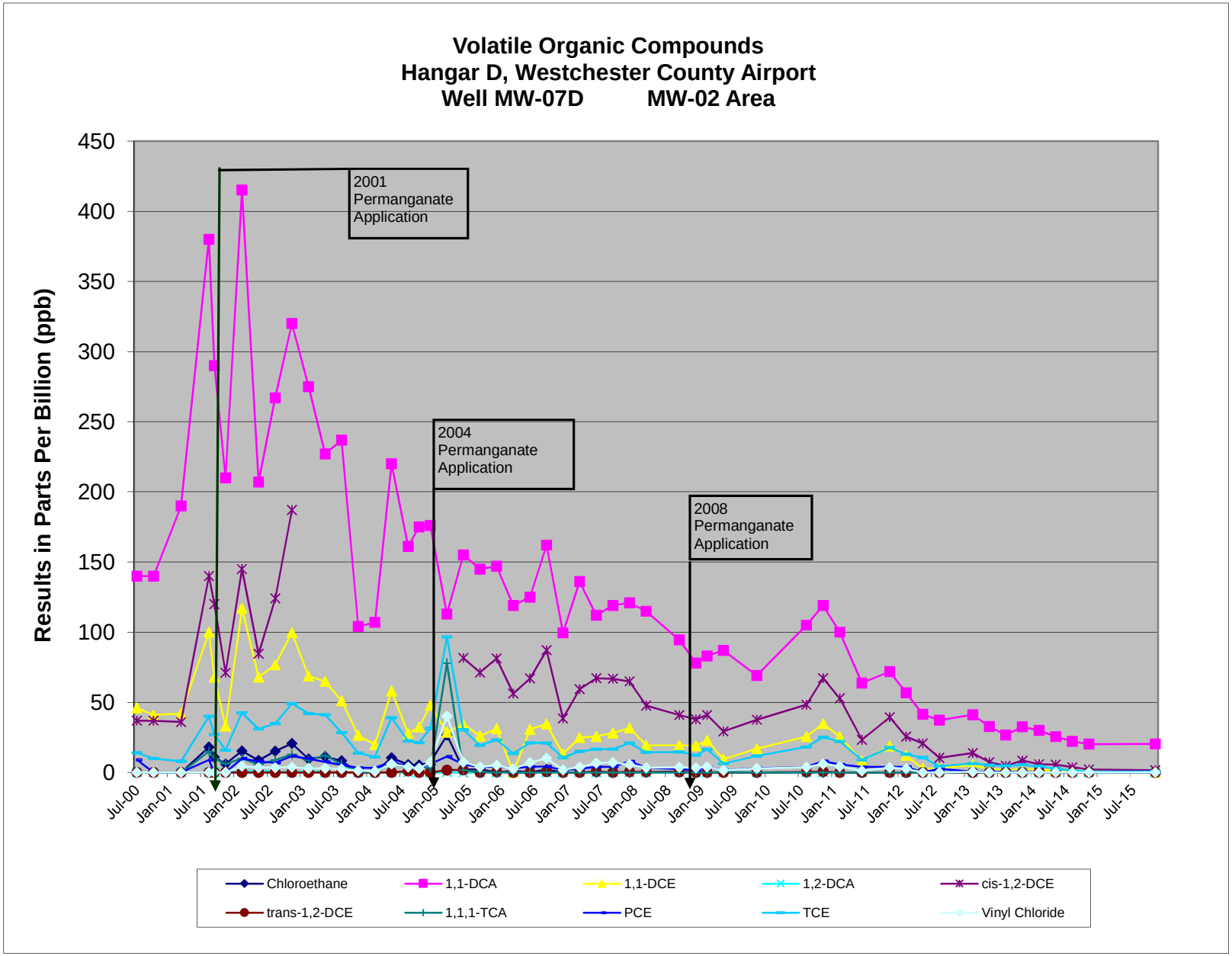


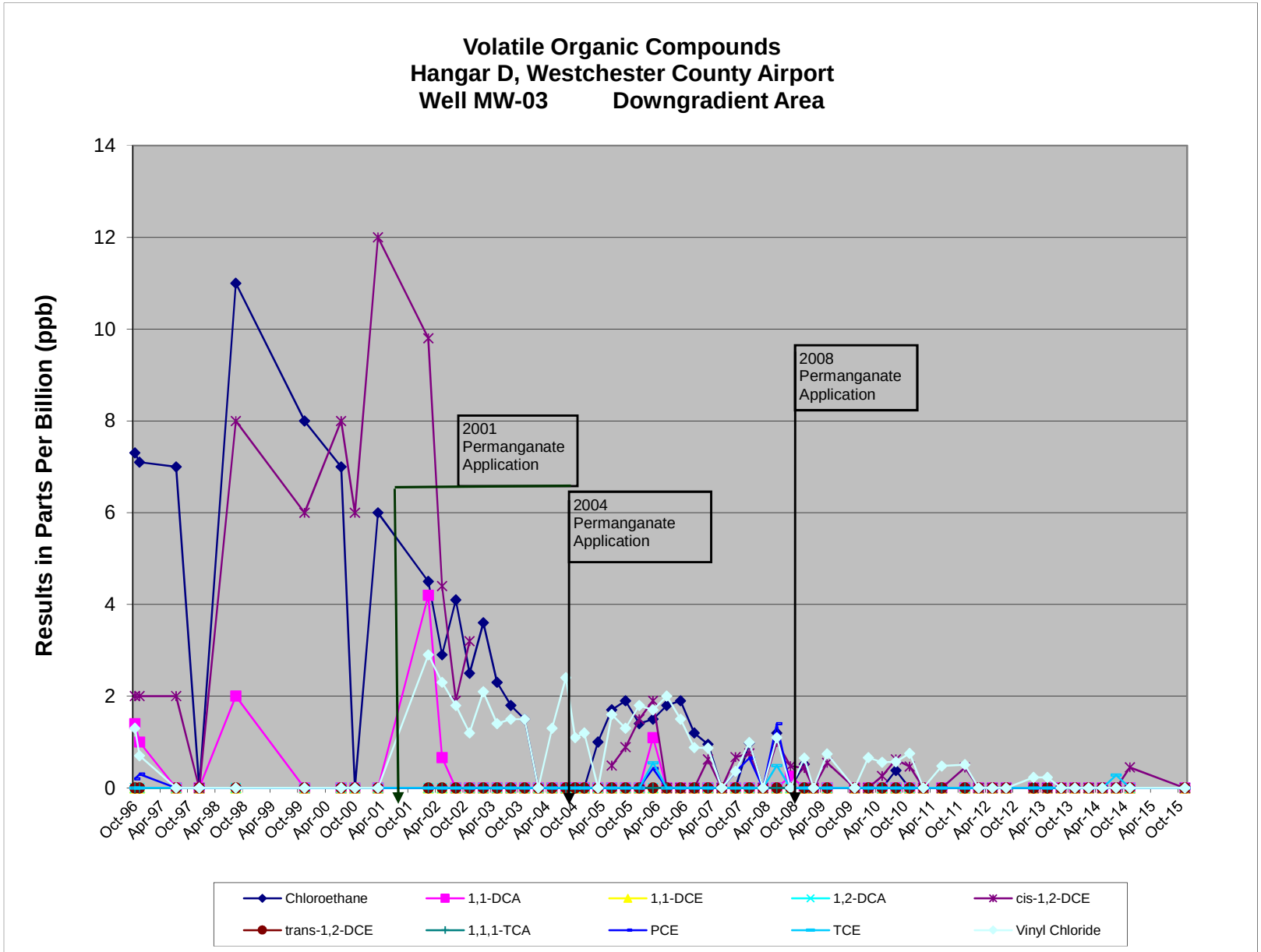

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-08D MW-01 Area
Results in Parts Per Billion (ppb)
160
140
120
100
80
60
40
20
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Note: Well used for pilot test. Not sampled during active phase 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
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

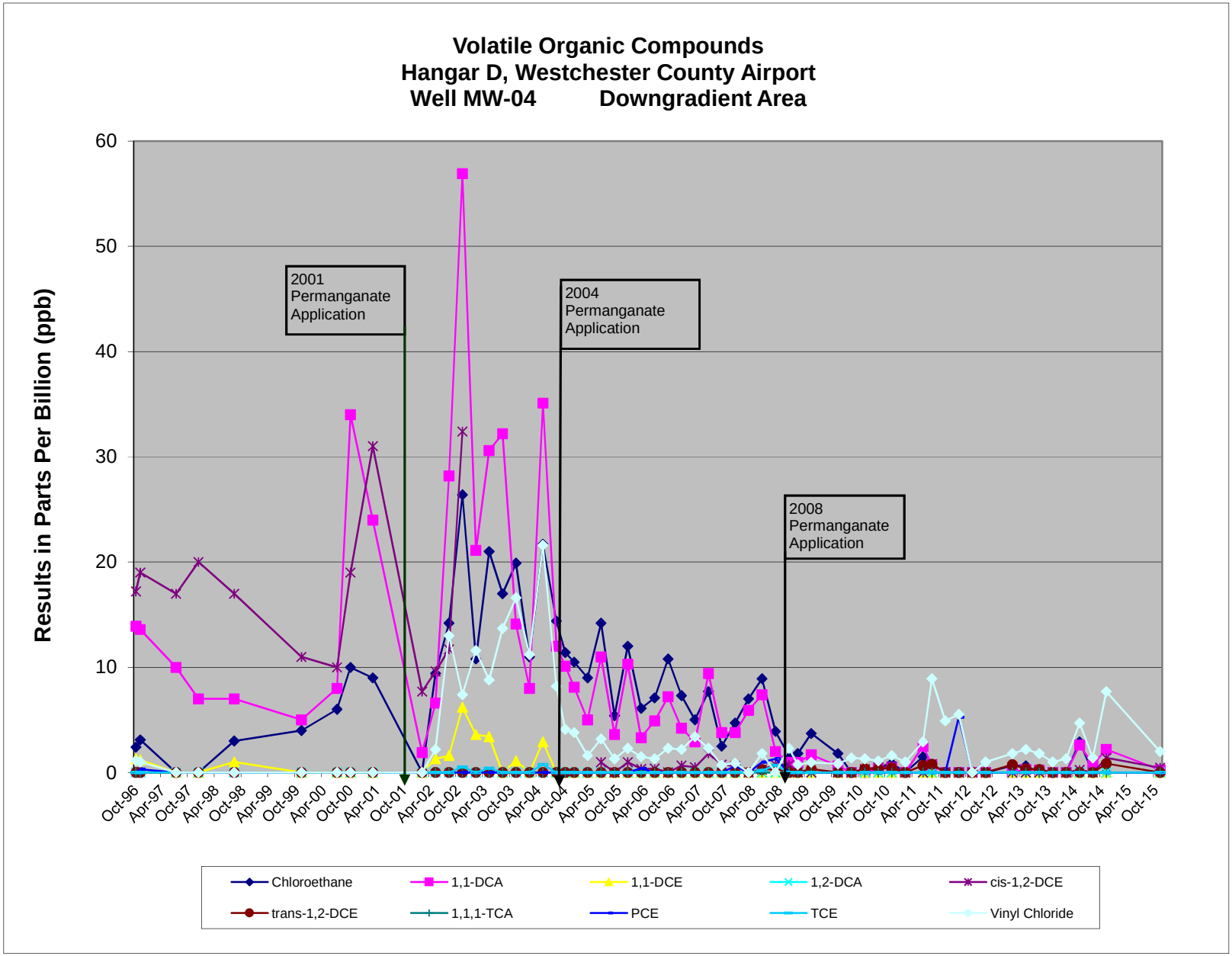

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-13 MW-01 Area
Results in Parts Per Billion (ppb)
2008 Permanganate Application
600
500
400
300
200
100
0
11/1/2008
2/1/2009
5/1/2009
8/1/2009
11/1/2009
2/1/2010
5/1/2010
8/1/2010
11/1/2010
2/1/2011
5/1/2011
8/1/2011
11/1/2011
2/1/2012
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
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
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

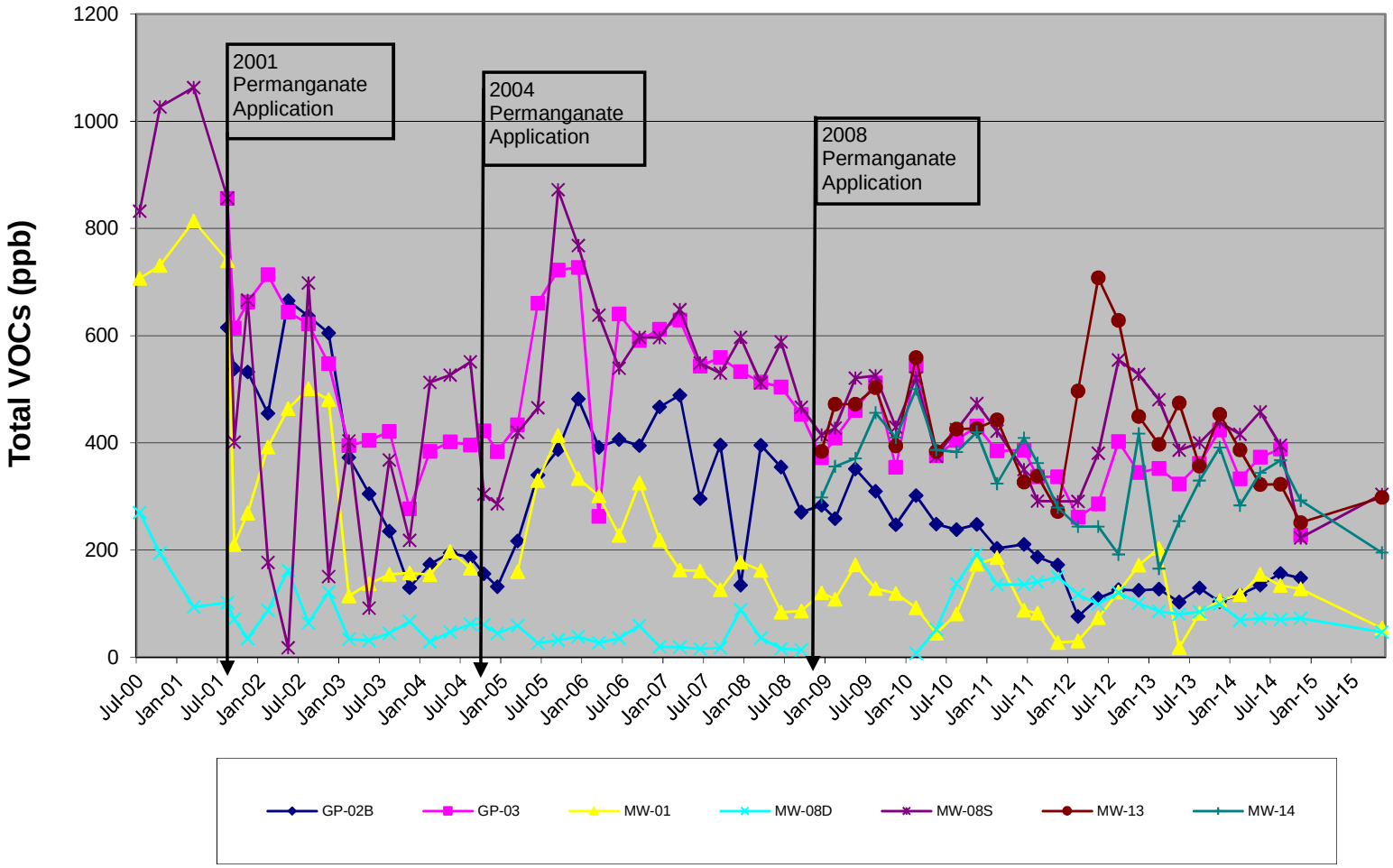

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-07S MW-02 Area
Results in Parts Per Billion (ppb)
1600
1400
1200
1000
800
600
400
200
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Nov-01
May-02
Nov-02
May-03
Nov-03
May-04
Nov-04
May-05
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
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
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

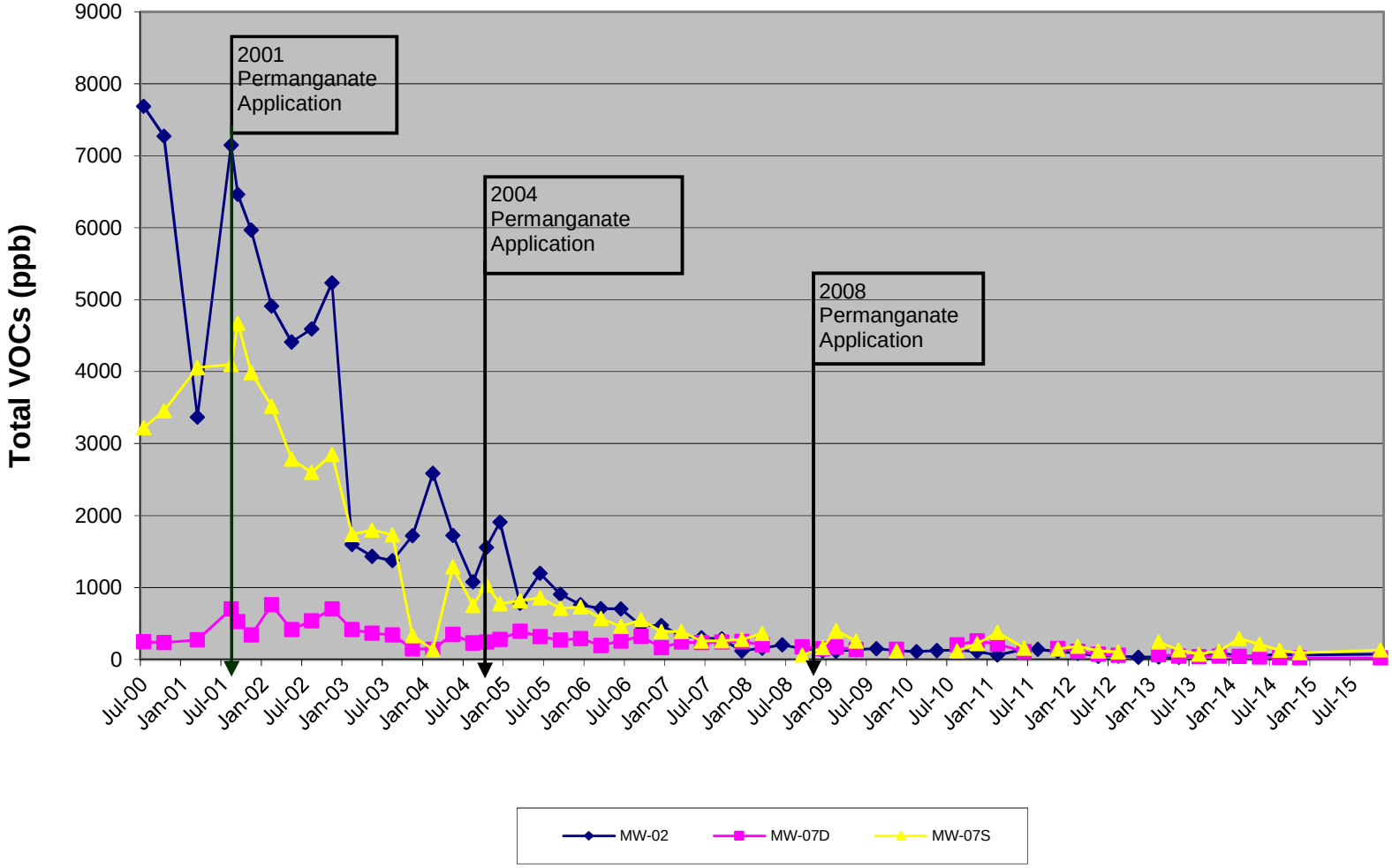

Volatile Organic Compounds
Hangar D, Westchester County Airport
Well MW-03 Downgradient Area
Results in Parts Per Billion (ppb)
14
12
10
8
6
4
2
0
2001 Permanganate Application
2004 Permanganate Application
2008 Permanganate Application
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
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
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
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

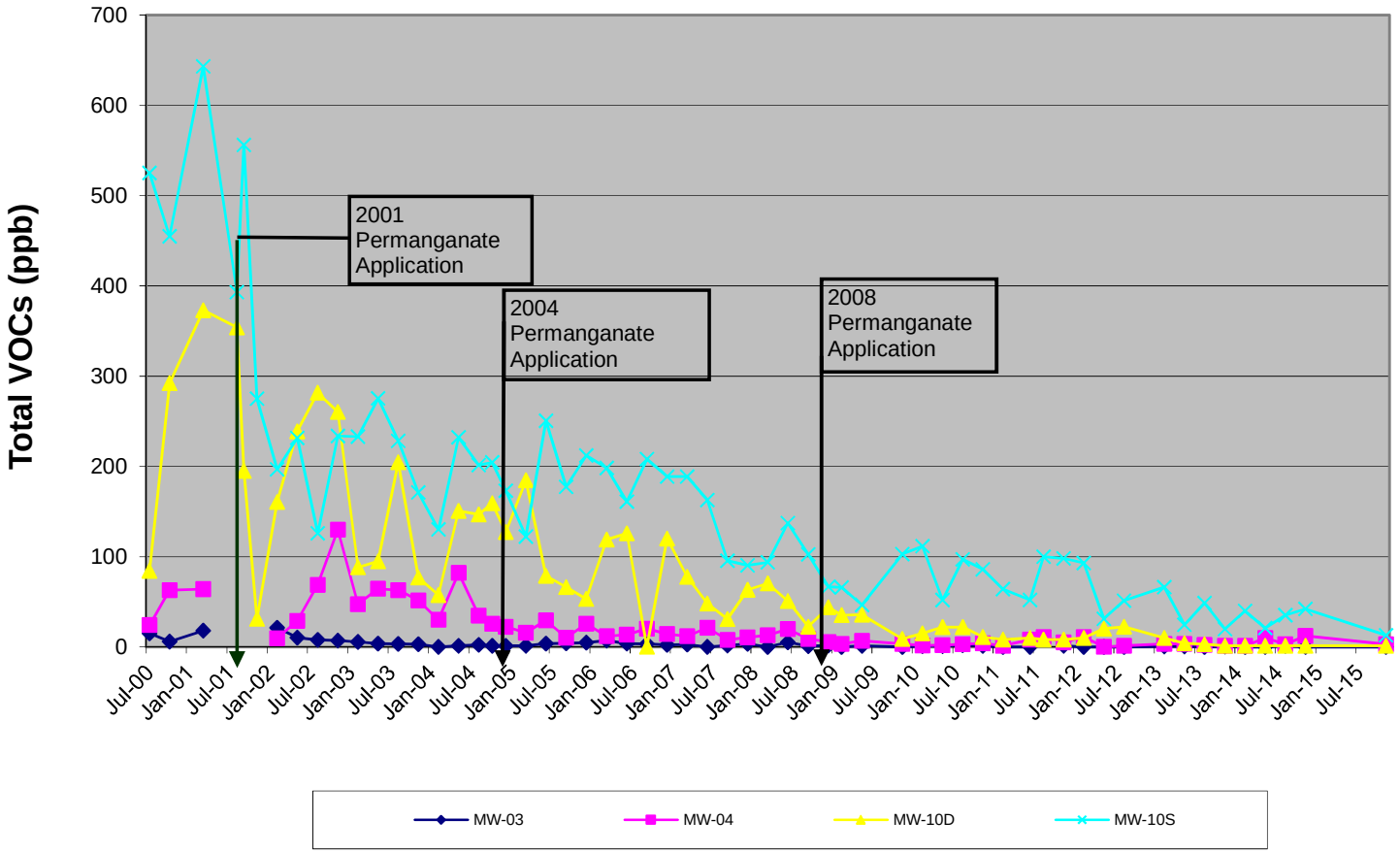
Total Volatile Organic Compounds by Well in Each Site Area
Hangar D, Westchester County Airport
MW-01 Area



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 B

New Jersey ACCUTEST LABORATORIES

12/03/15

Technical Report for

Woodard & Curran

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

4600101708

Accutest Job Number: JC8794

Sampling Dates: 11/12/15 - 11/13/15

Report to:

Woodard & Curran

Aproctor@woodardcurran.com

ATTN: Anne Proctor

Total number of pages in report: **68**

NELAP ACCREDITED TNI LABORATORY

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, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

Sections: 1 2 3 4 5

Table of Contents

Sample Summary

Woodard & Curran

Job No: JC8794

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: 4600101708

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC8794-1	11/12/15	12:20	LM	11/18/15	AQ	Ground Water	MW-01
JC8794-2	11/12/15	10:55	LM	11/18/15	AQ	Ground Water	MW-02
JC8794-3	11/12/15	14:15	GM	11/18/15	AQ	Ground Water	MW-03
JC8794-4	11/12/15	13:35	GM	11/18/15	AQ	Ground Water	MW-04
JC8794-5	11/12/15	11:10	GM	11/18/15	AQ	Ground Water	MW-07S
JC8794-6	11/12/15	10:30	GM	11/18/15	AQ	Ground Water	MW-07D
JC8794-7	11/12/15	14:05	LM	11/18/15	AQ	Ground Water	MW-08S
JC8794-8	11/12/15	13:15	LM	11/18/15	AQ	Ground Water	MW-08D
JC8794-9	11/13/15	11:30	LM	11/18/15	AQ	Ground Water	MW-09S
JC8794-10	11/13/15	12:00	LM	11/18/15	AQ	Ground Water	MW-09D
JC8794-11	11/12/15	12:45	GM	11/18/15	AQ	Ground Water	MW-10S
JC8794-12	11/12/15	12:05	GM	11/18/15	AQ	Ground Water	MW-10D
JC8794-13	11/13/15	10:20	LM	11/18/15	AQ	Ground Water	MW-12

Sample Summary
(continued)

Woodard & Curran

Job No: JC8794

ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Project No: 4600101708

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC8794-14	11/13/15	09:25	LM	11/18/15	AQ	Ground Water	MW-13
JC8794-15	11/12/15	11:40	LM	11/18/15	AQ	Ground Water	MW-14
JC8794-16	11/13/15	09:30	GM	11/18/15	AQ	Ground Water	MW-19
JC8794-17	11/13/15	10:45	GM	11/18/15	AQ	Ground Water	MW-20
JC8794-18	11/13/15	11:20	GM	11/18/15	AQ	Ground Water	MW-23
JC8794-19	11/13/15	10:10	GM	11/18/15	AQ	Ground Water	MW-24
JC8794-20	11/12/15	14:45	LM	11/18/15	AQ	Field Blank Water	FIELD BLANK DAY 1
JC8794-21	11/13/15	12:00	GM	11/18/15	AQ	Field Blank Water	FIELD BLANK DAY 2
JC8794-22	11/13/15	12:15	LM	11/18/15	AQ	Equipment Blank	RINSATE BLANK CREW 1
JC8794-23	11/13/15	11:45	GM	11/18/15	AQ	Equipment Blank	RINSATE BLANK CREW 2
JC8794-24	11/12/15	00:00	LM	11/18/15	AQ	Ground Water	HDBFD DAY 1
JC8794-25	11/13/15	00:00	GM	11/18/15	AQ	Ground Water	HDBFD DAY 2
JC8794-26	11/13/15	12:15		11/18/15	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Woodard & Curran	**Job No**	JC8794
Site:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, Whit	**Report Date**	12/3/2015 5:32:09 PM

On 11/18/2015, 23 Sample(s), 1 Trip Blank(s) and 2 Field Blank(s) were received at Accutest Laboratories at a maximum corrected temperature of 3.2 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JC8794 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:** V2E5278

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC8794-2MS, JC8794-3DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Acetone are outside control limits for sample JC8794-3DUP. High RPD due to possible sample analyzed from different vials.

Matrix: AQ **Batch ID:** V4V922

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC8794-12DUP, JC8794-13MS were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V4V924

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC9085-9MS, JC9085-9MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Vinyl chloride are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix: AQ **Batch ID:** V4V935

- All method blanks for this batch meet method specific criteria.
- Sample(s) JC9445-23DUP, JC9445-24MS were used as the QC samples indicated.
- JC8794-14: Sample analyzed outside the holding time but the original run within holding time.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's 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.

Accutest Laboratories 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 Accutest Laboratories indicated via signature on the report cover

Summary of Hits

Job Number: JC8794
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/12/15 thru 11/13/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC8794-1	**MW-01**					
1,1-Dichloroethane		3.7	1.0	0.17	ug/l	SW846 8260C
cis-1,2-Dichloroethene		31.3	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene		3.0	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene		3.8	1.0	0.40	ug/l	SW846 8260C
Trichloroethene		8.3	1.0	0.22	ug/l	SW846 8260C
Vinyl chloride		3.8	1.0	0.15	ug/l	SW846 8260C
JC8794-2	**MW-02**					
Acetone		3.4 J	10	3.3	ug/l	SW846 8260C
1,1-Dichloroethane		26.3	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene		0.53 J	1.0	0.51	ug/l	SW846 8260C
cis-1,2-Dichloroethene		10.8	1.0	0.27	ug/l	SW846 8260C
Tetrachloroethene		5.2	1.0	0.40	ug/l	SW846 8260C
1,1,1-Trichloroethane		18.4	1.0	0.25	ug/l	SW846 8260C
Trichloroethene		8.3	1.0	0.22	ug/l	SW846 8260C
Vinyl chloride		5.7	1.0	0.15	ug/l	SW846 8260C
JC8794-3	**MW-03**					
Acetone		6.2 J	10	3.3	ug/l	SW846 8260C
JC8794-4	**MW-04**					
Benzene		0.27 J	0.50	0.24	ug/l	SW846 8260C
1,2-Dichlorobenzene		0.76 J	1.0	0.19	ug/l	SW846 8260C
1,1-Dichloroethane		0.24 J	1.0	0.17	ug/l	SW846 8260C
cis-1,2-Dichloroethene		0.47 J	1.0	0.27	ug/l	SW846 8260C
Toluene		0.52 J	1.0	0.16	ug/l	SW846 8260C
Vinyl chloride		2.0	1.0	0.15	ug/l	SW846 8260C
JC8794-5	**MW-07S**					
1,1-Dichloroethane		51.4	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene		5.8	1.0	0.51	ug/l	SW846 8260C
cis-1,2-Dichloroethene		39.7	1.0	0.27	ug/l	SW846 8260C
Tetrachloroethene		1.5	1.0	0.40	ug/l	SW846 8260C
1,1,1-Trichloroethane		6.2	1.0	0.25	ug/l	SW846 8260C
Trichloroethene		17.7	1.0	0.22	ug/l	SW846 8260C
Vinyl chloride		9.9	1.0	0.15	ug/l	SW846 8260C

Summary of Hits

Job Number: JC8794
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/12/15 thru 11/13/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC8794-6	**MW-07D**					
Chloroethane		0.38 J	1.0	0.34	ug/l	SW846 8260C
1,1-Dichloroethane		20.3	1.0	0.17	ug/l	SW846 8260C
cis-1,2-Dichloroethene		1.6	1.0	0.27	ug/l	SW846 8260C
Trichloroethene		0.72 J	1.0	0.22	ug/l	SW846 8260C
JC8794-7	**MW-08S**					
1,1-Dichloroethane		8.1	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene		0.63 J	1.0	0.51	ug/l	SW846 8260C
cis-1,2-Dichloroethene		89.9	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene		2.0	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene		145	1.0	0.40	ug/l	SW846 8260C
1,1,1-Trichloroethane		1.2	1.0	0.25	ug/l	SW846 8260C
Trichloroethene		57.2	1.0	0.22	ug/l	SW846 8260C
JC8794-8	**MW-08D**					
1,1-Dichloroethane		2.4	1.0	0.17	ug/l	SW846 8260C
cis-1,2-Dichloroethene		20.3	1.0	0.27	ug/l	SW846 8260C
Tetrachloroethene		20.1	1.0	0.40	ug/l	SW846 8260C
Trichloroethene		4.4	1.0	0.22	ug/l	SW846 8260C
JC8794-9	**MW-09S**					
Tetrachloroethene		0.69 J	1.0	0.40	ug/l	SW846 8260C
JC8794-10	**MW-09D**					
cis-1,2-Dichloroethene		0.34 J	1.0	0.27	ug/l	SW846 8260C
Tetrachloroethene		0.79 J	1.0	0.40	ug/l	SW846 8260C
JC8794-11	**MW-10S**					
1,1-Dichloroethane		8.6	1.0	0.17	ug/l	SW846 8260C
cis-1,2-Dichloroethene		3.1	1.0	0.27	ug/l	SW846 8260C
Tetrachloroethene		0.84 J	1.0	0.40	ug/l	SW846 8260C
Trichloroethene		0.93 J	1.0	0.22	ug/l	SW846 8260C
JC8794-12	**MW-10D**					
1,1-Dichloroethane		0.88 J	1.0	0.17	ug/l	SW846 8260C

Summary of Hits

Job Number: JC8794
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/12/15 thru 11/13/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC8794-13	**MW-12**					
1,1-Dichloroethane		0.66 J	1.0	0.17	ug/l	SW846 8260C
cis-1,2-Dichloroethene		2.5	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene		5.0	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene		2.0	1.0	0.40	ug/l	SW846 8260C
Trichloroethene		0.57 J	1.0	0.22	ug/l	SW846 8260C
Vinyl chloride		0.91 J	1.0	0.15	ug/l	SW846 8260C
JC8794-14	**MW-13**					
Chloroform		0.23 J	1.0	0.19	ug/l	SW846 8260C
1,1-Dichloroethane		7.3	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene		0.55 J	1.0	0.51	ug/l	SW846 8260C
cis-1,2-Dichloroethene		81.4	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene		0.75 J	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene [a]		184	10	4.0	ug/l	SW846 8260C
1,1,1-Trichloroethane		1.9	1.0	0.25	ug/l	SW846 8260C
Trichloroethene		21.8	1.0	0.22	ug/l	SW846 8260C
JC8794-15	**MW-14**					
1,1-Dichloroethane		5.6	1.0	0.17	ug/l	SW846 8260C
cis-1,2-Dichloroethene		72.3	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene		1.2	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene		89.0	1.0	0.40	ug/l	SW846 8260C
1,1,1-Trichloroethane		0.71 J	1.0	0.25	ug/l	SW846 8260C
Trichloroethene		24.1	1.0	0.22	ug/l	SW846 8260C
Vinyl chloride		2.0	1.0	0.15	ug/l	SW846 8260C
JC8794-16	**MW-19**					
Benzene		0.33 J	0.50	0.24	ug/l	SW846 8260C
1,1-Dichloroethane		3.8	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene		0.61 J	1.0	0.51	ug/l	SW846 8260C
cis-1,2-Dichloroethene		190	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene		25.1	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene		3.5	1.0	0.40	ug/l	SW846 8260C
Trichloroethene		6.2	1.0	0.22	ug/l	SW846 8260C
Vinyl chloride		5.5	1.0	0.15	ug/l	SW846 8260C
JC8794-17	**MW-20**					
1,1-Dichloroethane		19.8	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene		0.61 J	1.0	0.51	ug/l	SW846 8260C

Summary of Hits

Job Number: JC8794
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/12/15 thru 11/13/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
cis-1,2-Dichloroethene		112	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene		1.5	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene		185	1.0	0.40	ug/l	SW846 8260C
1,1,1-Trichloroethane		1.8	1.0	0.25	ug/l	SW846 8260C
Trichloroethene		26.9	1.0	0.22	ug/l	SW846 8260C
JC8794-18	**MW-23**					
1,1-Dichloroethane		1.7	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene		1.4	1.0	0.51	ug/l	SW846 8260C
cis-1,2-Dichloroethene		3.7	1.0	0.27	ug/l	SW846 8260C
Tetrachloroethene		2.2	1.0	0.40	ug/l	SW846 8260C
1,1,1-Trichloroethane		2.9	1.0	0.25	ug/l	SW846 8260C
Trichloroethene		0.45 J	1.0	0.22	ug/l	SW846 8260C
JC8794-19	**MW-24**					
Chloroform		0.31 J	1.0	0.19	ug/l	SW846 8260C
1,1-Dichloroethane		14.0	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene		0.83 J	1.0	0.51	ug/l	SW846 8260C
cis-1,2-Dichloroethene		151	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene		4.5	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene		335	10	4.0	ug/l	SW846 8260C
1,1,1-Trichloroethane		2.1	1.0	0.25	ug/l	SW846 8260C
Trichloroethene		91.8	1.0	0.22	ug/l	SW846 8260C
JC8794-20	**FIELD BLANK DAY 1**					
Toluene		0.23 J	1.0	0.16	ug/l	SW846 8260C
JC8794-21	**FIELD BLANK DAY 2**					
Toluene		0.26 J	1.0	0.16	ug/l	SW846 8260C
JC8794-22	**RINSATE BLANK CREW 1**					
Toluene		0.23 J	1.0	0.16	ug/l	SW846 8260C
JC8794-23	**RINSATE BLANK CREW 2**					
Toluene		0.42 J	1.0	0.16	ug/l	SW846 8260C
JC8794-24	**HDBFD DAY 1**					
1,1-Dichloroethane		29.1	1.0	0.17	ug/l	SW846 8260C

Summary of Hits

Job Number: JC8794
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/12/15 thru 11/13/15

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
cis-1,2-Dichloroethene	9.6	1.0	0.27	ug/l	SW846 8260C
Tetrachloroethene	1.7	1.0	0.40	ug/l	SW846 8260C
1,1,1-Trichloroethane	9.7	1.0	0.25	ug/l	SW846 8260C
Trichloroethene	7.5	1.0	0.22	ug/l	SW846 8260C
Vinyl chloride	8.7	1.0	0.15	ug/l	SW846 8260C
JC8794-25 HDBFD DAY 2					
1,1-Dichloroethane	15.2	1.0	0.17	ug/l	SW846 8260C
1,1-Dichloroethene	0.54 J	1.0	0.51	ug/l	SW846 8260C
cis-1,2-Dichloroethene	102	1.0	0.27	ug/l	SW846 8260C
trans-1,2-Dichloroethene	1.3	1.0	0.65	ug/l	SW846 8260C
Tetrachloroethene	188	1.0	0.40	ug/l	SW846 8260C
1,1,1-Trichloroethane	1.8	1.0	0.25	ug/l	SW846 8260C
Trichloroethene	21.9	1.0	0.22	ug/l	SW846 8260C
JC8794-26 TRIP BLANK					

No hits reported in this sample.

(a) Sample analyzed outside the holding time but the original run within holding time.

New Jersey ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-01		
Lab Sample ID:	JC8794-1	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23672.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	3.7	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	31.3	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	3.0	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	3.8	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	8.3	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	3.8	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-1	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	98%		76-120%
17060-07-0	1,2-Dichloroethane-D4	98%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	98%		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-02		
Lab Sample ID:	JC8794-2	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	2E119705.D	1	11/19/15	DR	n/a	n/a	V2E5278
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	3.4	10	3.3	ug/l	J
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	26.3	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	0.53	1.0	0.51	ug/l	J
156-59-2	cis-1,2-Dichloroethene	10.8	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	5.2	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	18.4	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	8.3	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	5.7	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-2	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	105%		73-122%
2037-26-5	Toluene-D8	92%		84-119%
460-00-4	4-Bromofluorobenzene	113%		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-03
Lab Sample ID: JC8794-3 **Date Sampled:** 11/12/15
Matrix: AQ - Ground Water **Date Received:** 11/18/15
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	2E119706.D	1	11/19/15	DR	n/a	n/a	V2E5278
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	3.3	ug/l	J
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-3	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	103%		73-122%
2037-26-5	Toluene-D8	92%		84-119%
460-00-4	4-Bromofluorobenzene	112%		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-04		
Lab Sample ID:	JC8794-4	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	2E119707.D	1	11/19/15	DR	n/a	n/a	V2E5278
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	3.3	ug/l	
71-43-2	Benzene	0.27	0.50	0.24	ug/l	J
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	0.76	1.0	0.19	ug/l	J
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	0.24	1.0	0.17	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.47	1.0	0.27	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	0.52	1.0	0.16	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	2.0	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-4	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	106%		73-122%
2037-26-5	Toluene-D8	92%		84-119%
460-00-4	4-Bromofluorobenzene	113%		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-07S		
Lab Sample ID:	JC8794-5	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	2E119708.D	1	11/19/15	DR	n/a	n/a	V2E5278
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	51.4	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	5.8	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	39.7	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	1.5	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	6.2	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	17.7	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	9.9	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-5	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	106%		73-122%
2037-26-5	Toluene-D8	92%		84-119%
460-00-4	4-Bromofluorobenzene	113%		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-07D		
Lab Sample ID:	JC8794-6	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	2E119713.D	1	11/19/15	DR	n/a	n/a	V2E5278
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	0.38	1.0	0.34	ug/l	J
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	20.3	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.6	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	0.72	1.0	0.22	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-6	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	98%		76-120%
17060-07-0	1,2-Dichloroethane-D4	103%		73-122%
2037-26-5	Toluene-D8	92%		84-119%
460-00-4	4-Bromofluorobenzene	112%		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-08S
Lab Sample ID: JC8794-7 **Date Sampled:** 11/12/15
Matrix: AQ - Ground Water **Date Received:** 11/18/15
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	4V23673.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	8.1	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	0.63	1.0	0.51	ug/l	J
156-59-2	cis-1,2-Dichloroethene	89.9	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.0	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	145	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	1.2	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	57.2	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-7	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	98%		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

Report of Analysis

Client Sample ID:	MW-08D		
Lab Sample ID:	JC8794-8	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	2E119714.D	1	11/19/15	DR	n/a	n/a	V2E5278
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	2.4	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	20.3	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	20.1	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	4.4	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-8	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	106%		73-122%
2037-26-5	Toluene-D8	93%		84-119%
460-00-4	4-Bromofluorobenzene	114%		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-09S		
Lab Sample ID:	JC8794-9	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	2E119715.D	1	11/19/15	DR	n/a	n/a	V2E5278
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	0.69	1.0	0.40	ug/l	J
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-9	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	98%		76-120%
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	92%		84-119%
460-00-4	4-Bromofluorobenzene	111%		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-09D		
Lab Sample ID:	JC8794-10	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	2E119716.D	1	11/19/15	DR	n/a	n/a	V2E5278
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.34	1.0	0.27	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	0.79	1.0	0.40	ug/l	J
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-10	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	104%		73-122%
2037-26-5	Toluene-D8	92%		84-119%
460-00-4	4-Bromofluorobenzene	113%		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-10S		
Lab Sample ID:	JC8794-11	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23674.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	8.6	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	3.1	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	0.84	1.0	0.40	ug/l	J
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	0.93	1.0	0.22	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-11	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	96%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	98%		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-10D		
Lab Sample ID:	JC8794-12	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23675.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	0.88	1.0	0.17	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-12	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	96%		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

Report of Analysis

Client Sample ID: MW-12
Lab Sample ID: JC8794-13 **Date Sampled:** 11/13/15
Matrix: AQ - Ground Water **Date Received:** 11/18/15
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	4V23676.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	0.66	1.0	0.17	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.5	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	5.0	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	2.0	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	0.57	1.0	0.22	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	0.91	1.0	0.15	ug/l	J
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-13	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	98%		73-122%
2037-26-5	Toluene-D8	98%		84-119%
460-00-4	4-Bromofluorobenzene	98%		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-13		
Lab Sample ID:	JC8794-14	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23682.D	1	11/20/15	DR	n/a	n/a	V4V922
Run #2 [a]	4V24040.D	10	12/02/15	DR	n/a	n/a	V4V935

	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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	0.23	1.0	0.19	ug/l	J
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	7.3	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	0.55	1.0	0.51	ug/l	J
156-59-2	cis-1,2-Dichloroethene	81.4	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.75	1.0	0.65	ug/l	J
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	184 [b]	10	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	1.9	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	21.8	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-14	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	97%	97%	76-120%
17060-07-0	1,2-Dichloroethane-D4	96%	106%	73-122%
2037-26-5	Toluene-D8	99%	102%	84-119%
460-00-4	4-Bromofluorobenzene	100%	99%	78-117%

(a) Sample analyzed outside the holding time but the original run within holding time.
(b) 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:	MW-14		
Lab Sample ID:	JC8794-15	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23683.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	5.6	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	72.3	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.2	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	89.0	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	0.71	1.0	0.25	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	24.1	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	2.0	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-15	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	97%		73-122%
2037-26-5	Toluene-D8	98%		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

Report of Analysis

Client Sample ID: MW-19
Lab Sample ID: JC8794-16 **Date Sampled:** 11/13/15
Matrix: AQ - Ground Water **Date Received:** 11/18/15
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	4V23684.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	0.33	0.50	0.24	ug/l	J
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	3.8	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	0.61	1.0	0.51	ug/l	J
156-59-2	cis-1,2-Dichloroethene	190	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	25.1	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	3.5	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	6.2	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	5.5	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-16	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	98%		76-120%
17060-07-0	1,2-Dichloroethane-D4	98%		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

Report of Analysis

Client Sample ID:	MW-20		
Lab Sample ID:	JC8794-17	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23685.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	19.8	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	0.61	1.0	0.51	ug/l	J
156-59-2	cis-1,2-Dichloroethene	112	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.5	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	185	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	1.8	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	26.9	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-17	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	98%		76-120%
17060-07-0	1,2-Dichloroethane-D4	98%		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

Report of Analysis

Client Sample ID:	MW-23		
Lab Sample ID:	JC8794-18	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23686.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	1.7	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	1.4	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	3.7	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	2.2	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	2.9	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	0.45	1.0	0.22	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-18	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	99%		73-122%
2037-26-5	Toluene-D8	100%		84-119%
460-00-4	4-Bromofluorobenzene	98%		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:	JC8794-19	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23687.D	1	11/20/15	DR	n/a	n/a	V4V922
Run #2	4V23753.D	10	11/23/15	DR	n/a	n/a	V4V924

	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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	0.31	1.0	0.19	ug/l	J
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	14.0	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	0.83	1.0	0.51	ug/l	J
156-59-2	cis-1,2-Dichloroethene	151	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	4.5	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	335 [a]	10	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	2.1	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	91.8	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-19	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	96%	101%	76-120%
17060-07-0	1,2-Dichloroethane-D4	98%	104%	73-122%
2037-26-5	Toluene-D8	98%	97%	84-119%
460-00-4	4-Bromofluorobenzene	99%	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

Report of Analysis

Client Sample ID:	FIELD BLANK DAY 1		
Lab Sample ID:	JC8794-20	**Date Sampled:**	11/12/15
Matrix:	AQ - Field Blank Water	**Date Received:**	11/18/15
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	4V23695.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	0.23	1.0	0.16	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-20	**Date Sampled:**	11/12/15
Matrix:	AQ - Field Blank Water	**Date Received:**	11/18/15
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	95%		76-120%
17060-07-0	1,2-Dichloroethane-D4	99%		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

Report of Analysis

Client Sample ID:	FIELD BLANK DAY 2		
Lab Sample ID:	JC8794-21	**Date Sampled:**	11/13/15
Matrix:	AQ - Field Blank Water	**Date Received:**	11/18/15
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	4V23696.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	0.26	1.0	0.16	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-21	**Date Sampled:**	11/13/15
Matrix:	AQ - Field Blank Water	**Date Received:**	11/18/15
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	96%		76-120%
17060-07-0	1,2-Dichloroethane-D4	98%		73-122%
2037-26-5	Toluene-D8	97%		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

Report of Analysis

Client Sample ID:	RINSATE BLANK CREW 1		
Lab Sample ID:	JC8794-22	**Date Sampled:**	11/13/15
Matrix:	AQ - Equipment Blank	**Date Received:**	11/18/15
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	4V23697.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	0.23	1.0	0.16	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-22	**Date Sampled:**	11/13/15
Matrix:	AQ - Equipment Blank	**Date Received:**	11/18/15
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	98%		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	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:	RINSATE BLANK CREW 2		
Lab Sample ID:	JC8794-23	**Date Sampled:**	11/13/15
Matrix:	AQ - Equipment Blank	**Date Received:**	11/18/15
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	4V23680.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	0.42	1.0	0.16	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-23	**Date Sampled:**	11/13/15
Matrix:	AQ - Equipment Blank	**Date Received:**	11/18/15
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	95%		76-120%
17060-07-0	1,2-Dichloroethane-D4	96%		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:	HDBFD DAY 1		
Lab Sample ID:	JC8794-24	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23759.D	1	11/23/15	DR	n/a	n/a	V4V924
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	29.1	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	9.6	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	1.7	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	9.7	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	7.5	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	8.7	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-24	**Date Sampled:**	11/12/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	100%		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

Report of Analysis

Client Sample ID:	HDBFD DAY 2		
Lab Sample ID:	JC8794-25	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	4V23689.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	15.2	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	0.54	1.0	0.51	ug/l	J
156-59-2	cis-1,2-Dichloroethene	102	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.3	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	188	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	1.8	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	21.9	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-25	**Date Sampled:**	11/13/15
Matrix:	AQ - Ground Water	**Date Received:**	11/18/15
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	100%		73-122%
2037-26-5	Toluene-D8	97%		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:	TRIP BLANK		
Lab Sample ID:	JC8794-26	**Date Sampled:**	11/13/15
Matrix:	AQ - Trip Blank Water	**Date Received:**	11/18/15
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	4V23681.D	1	11/20/15	DR	n/a	n/a	V4V922
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	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.25	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.52	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	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:	JC8794-26	**Date Sampled:**	11/13/15
Matrix:	AQ - Trip Blank Water	**Date Received:**	11/18/15
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	99%		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

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

GW
FB
WTB

CHAIN OF CUSTODY- ExxonMobil Projects

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

2235

PAGE 1 OF 3

FED-EX Tracking # 6547 9762 9539
Accutest Quote #
Bottle Order Control #
Accutest Job # JC8794

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): Liam Maher, Gregg Mavrikousis 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. 380037
Project Name: ExxonMobil Westchester County Airport Hangar D
City: White Plains State: New York
ExxonMobil Manager: Laurie McCarthy
ExxonMobil Purchase Order #: 4600101708

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)

Matrix Co
DW - Drinking
GW - Ground
WW - Wat
SW - Surface
SO - Soil
SL- Sludg
SED-Sedime
OI - Oil
LIQ - Other Liq
AIR - Air
SOL - Other S
WP - Wipe
FB-Field Blan
EB- Equipment B
RB- Rinse Blar
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOCs, 8260B VA\X8260 AQ VTAGM All + Cis-1,2- Dichloroethene
1	MW-01		11/12/15	1220	LM	GW	3	3								X
2	MW-02			1055	LM	GW	3	3								X
3	MW-03		11/12/15	1415	GM	GW	3	3								X
4	MW-04			1335		GW	3	3								X
5	MW-07S			1110		GW	3	3								X
6	MW-07D			1030		GW	3	3								X
7	MW-08S		11/12/15	1405	LM	GW	3	3								X
8	MW-08D			1315	LM	GW	3	3								X
9	MW-09S		11/13/15	1130	LM	GW	3	3								X
10	MW-09D			1200	LM	GW	3	3								X
11	MW-10S		11/12/15	1245	GM	GW	3	3								X
12	MW-10D			1205		GW	3	3								X

Turnaround Time (Business days)

[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

Approved By (Accutest PM): / Date:
INITIAL ASSESSMENT NLAB
LABEL VERIFICATION

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 Laurie McCarthy
GES Reference: 1102497-94206-023101

LAB USE ONL
V875
V874

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 Gregg Mavrikousis	11/13/15 1600	1 GES fridge	2 Gregg Mavrikousis	11/16/15 1315	2 FEDEX
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3 Fed Ex	11/18/15 10:00	3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice: Cooler Temp.
5		5	[ ] Intact [ ] Not intact	[ ]	Y 3.0

JC8794: Chain of Custody
Page 1 of 4

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE 2 OF 3

ACCUTEST LABORATORIES

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

2235

FED-EX Tracking #

Bottle Order Control #

Accutest Quote #

Accutest Job # JC8794

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): Kian Maher / Gregg Marcinkowski 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. 360037
Project Name: ExxonMobil Westchester County Airport Hanger D
City: White Plains State: New York
ExxonMobil Manager: Laurie McCarthy
ExxonMobil Purchase Order #: 4600101708

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 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	LAB USE ONLY
13	MW-12		11/13/15	1020	LM	GW	3	3								X
14	MW-13	*	↓	0925	LM	GW	4	4								X
15	MW-14		11/12/15	1140	LM	GW	3	3								X
16	MW-19		11/13/15	0930	GM	GW	3	3								X
17	MW-20	*		1045		GW	4	4								X
18	MW-23			1120		GW	3	3								X
19	MW-24		↓	1010	↓	GW	3	3								X

Turnaround Time (Business days)

- [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

Approved By (Accutest PM): / Date:
* Received @ GCVOA 11/18/15 NL

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [X] 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 Laurie McCarthy

GES Reference: 1102497-94206-023101

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

	Relinquished by Sampler:	Date Time:	Received By:
1	Gregg Marcinkowski	11/13/15 1600	GES fridge
2	Gregg Marcinkowski	11/16/15 1315	FEDEX
3	FEDEX	11/18/15 1000	
4			
5			

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

5.1 5

JC8794: Chain of Custody
Page 2 of 4

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE 3 OF 3

ACCUTEST LABORATORIES

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

2235

FED-EX Tracking #

Bottle Order Control #

Accutest Quote #

Accutest Job # JC8794

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): Liam Maher, Gregg Marenkowski 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. 380037
Project Name: ExxonMobil Westchester County Airport Hangar D
City: White Plains State: New York
ExxonMobil Manager: Laurie McCarthy
ExxonMobil Purchase Order #: 4600101708

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)

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 VIA/8260 AQ VTAGM All + Cis-1,2-Dichloroethane	LAB USE ONLY
20	Field Blank Day 1		11/12/15	1445	LM	FB	3	3								X	
21	Field Blank Day 2		11/13/15	1200	GM	FB	3	3								X	
22	Rinsate Blank Crew 1		11/13/15	1215	LM	EB	3	3								X	
23	Rinsate Blank Crew 2		11/13/15	1145	GM	EB	3	3								X	
24	HDBFD Day 1		11/12/15	—	LM	GW	3	3								X	
25	HDBFD Day 2		11/13/15	—	GM	GW	3	3								X	
26	Trip Blank		11/13/15	0600	—	TB	2	2								X	

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
- [X] 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 Laurie McCarthy

GES Reference: 1102497-94206-023101

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	Gregg Marenkowski	11/13/15 1600	GES Fridge	Gregg Marenkowski	11/16/15 1305	FEDEX
2						
3	FEDEX	11/18/15 1000				
4						
5						

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

5.1 5

JC8794: Chain of Custody
Page 3 of 4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JC8794 **Client:** **Project:**

Date / Time Received: 11/18/2015 10:00:00 AM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.2);

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

Accutest Laboratories
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JC8794: Chain of Custody
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New Jersey ACCUTEST LABORATORIES

12/01/15

Technical Report for

Woodard & Curran

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

Accutest Job Number: JC8354

Sampling Date: 11/10/15

Report to:

Woodard & Curran

Aproctor@woodardcurran.com

ATTN: Anne Proctor

Total number of pages in report: **40**

NELAP ACCREDITED TNI LABORATORY

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, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

Sections: 1 2 3 4 5

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Sample Summary

Woodard & Curran

Job No: JC8354

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC8354-1	11/10/15	15:24	RB	11/12/15	AIR	Soil Vapor Comp.	SSV-1 (SUB-SLAB)
JC8354-2	11/10/15	15:23	RB	11/12/15	AIR	Ambient Air Comp.	SSV-1 (AMBIENT)
JC8354-3	11/10/15	15:30	RB	11/12/15	AIR	Soil Vapor Comp.	SSV-2 (SUB-SLAB)
JC8354-4	11/10/15	15:25	RB	11/12/15	AIR	Ambient Air Comp.	RECEPTION (AMBIENT)
JC8354-5	11/10/15	15:26	RB	11/12/15	AIR	Ambient Air Comp.	LOUNGE (AMBIENT)
JC8354-6	11/10/15	15:27	RB	11/12/15	AIR	Ambient Air Comp.	OUTDOOR (AMBIENT)
JC8354-7	11/10/15	15:20	RB	11/12/15	AIR	Soil Vapor Comp.	SSV-3 (SUB-SLAB)
JC8354-8	11/10/15	15:20	RB	11/12/15	AIR	Ambient Air Comp.	SSV-3 (AMBIENT)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Woodard & Curran	**Job No**	JC8354
Site:	ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, Whit	**Report Date**	12/1/2015 7:46:10 PM

On 11/12/2015, 8 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a maximum corrected temperature of 0 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JC8354 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:** V5W586

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC8354-2DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Ethyl Acetate are outside of in house control limits for sample JC8354-2DUP.

Matrix: AIR **Batch ID:** V5W587

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC8361-3DUP were used as the QC samples indicated.
- Sample(s) JC8354-5 have compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's 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.

Accutest Laboratories 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 Accutest Laboratories indicated via signature on the report cover

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC8354-1	**SSV-1 (SUB-SLAB)**					
Acetone		10.5	0.20	0.032	ppbv	TO-15
Benzene		0.56	0.20	0.030	ppbv	TO-15
Cyclohexane		0.43	0.20	0.032	ppbv	TO-15
Dichlorodifluoromethane		0.50	0.20	0.037	ppbv	TO-15
Ethanol		18.4	0.50	0.17	ppbv	TO-15
Ethylbenzene		0.67	0.20	0.048	ppbv	TO-15
4-Ethyltoluene		0.52	0.20	0.022	ppbv	TO-15
Heptane		0.52	0.20	0.029	ppbv	TO-15
Hexane		1.1	0.20	0.028	ppbv	TO-15
Isopropyl Alcohol		1.3	0.20	0.12	ppbv	TO-15
Methyl ethyl ketone		11.0	0.20	0.049	ppbv	TO-15
Methyl Isobutyl Ketone		0.18 J	0.20	0.027	ppbv	TO-15
Propylene		0.63	0.50	0.081	ppbv	TO-15
Styrene		0.11 J	0.20	0.026	ppbv	TO-15
1,1,1-Trichloroethane		0.68	0.10	0.032	ppbv	TO-15
1,2,4-Trimethylbenzene		2.3	0.20	0.023	ppbv	TO-15
1,3,5-Trimethylbenzene		0.63	0.20	0.030	ppbv	TO-15
2,2,4-Trimethylpentane		1.7	0.20	0.021	ppbv	TO-15
Tertiary Butyl Alcohol		0.11 J	0.20	0.050	ppbv	TO-15
Tetrachloroethylene		0.29	0.040	0.024	ppbv	TO-15
Tetrahydrofuran		56.9	0.40	0.087	ppbv	TO-15
Toluene		4.9	0.20	0.020	ppbv	TO-15
Trichloroethylene		0.049	0.040	0.025	ppbv	TO-15
Trichlorofluoromethane		0.39	0.10	0.020	ppbv	TO-15
m,p-Xylene		2.5	0.20	0.043	ppbv	TO-15
o-Xylene		1.1	0.20	0.026	ppbv	TO-15
Xylenes (total)		3.6	0.20	0.026	ppbv	TO-15
Acetone		24.9	0.48	0.076	ug/m3	TO-15
Benzene		1.8	0.64	0.096	ug/m3	TO-15
Cyclohexane		1.5	0.69	0.11	ug/m3	TO-15
Dichlorodifluoromethane		2.5	0.99	0.18	ug/m3	TO-15
Ethanol		34.7	0.94	0.32	ug/m3	TO-15
Ethylbenzene		2.9	0.87	0.21	ug/m3	TO-15
4-Ethyltoluene		2.6	0.98	0.11	ug/m3	TO-15
Heptane		2.1	0.82	0.12	ug/m3	TO-15
Hexane		3.9	0.70	0.099	ug/m3	TO-15
Isopropyl Alcohol		3.2	0.49	0.29	ug/m3	TO-15
Methyl ethyl ketone		32.4	0.59	0.14	ug/m3	TO-15
Methyl Isobutyl Ketone		0.74 J	0.82	0.11	ug/m3	TO-15
Propylene		1.1	0.86	0.14	ug/m3	TO-15
Styrene		0.47 J	0.85	0.11	ug/m3	TO-15
1,1,1-Trichloroethane		3.7	0.55	0.17	ug/m3	TO-15
1,2,4-Trimethylbenzene		11	0.98	0.11	ug/m3	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,3,5-Trimethylbenzene		3.1	0.98	0.15	ug/m3	TO-15
2,2,4-Trimethylpentane		7.9	0.93	0.098	ug/m3	TO-15
Tertiary Butyl Alcohol		0.33 J	0.61	0.15	ug/m3	TO-15
Tetrachloroethylene		2.0	0.27	0.16	ug/m3	TO-15
Tetrahydrofuran		168	1.2	0.26	ug/m3	TO-15
Toluene		18	0.75	0.075	ug/m3	TO-15
Trichloroethylene		0.26	0.21	0.13	ug/m3	TO-15
Trichlorofluoromethane		2.2	0.56	0.11	ug/m3	TO-15
m,p-Xylene		11	0.87	0.19	ug/m3	TO-15
o-Xylene		4.8	0.87	0.11	ug/m3	TO-15
Xylenes (total)		16	0.87	0.11	ug/m3	TO-15
JC8354-2	**SSV-1 (AMBIENT)**					
Acetone		10.4	0.20	0.032	ppbv	TO-15
Benzene		0.44	0.20	0.030	ppbv	TO-15
Chloromethane		0.56	0.20	0.029	ppbv	TO-15
Carbon tetrachloride		0.065	0.040	0.025	ppbv	TO-15
Cyclohexane		0.58	0.20	0.032	ppbv	TO-15
Dichlorodifluoromethane		0.49	0.20	0.037	ppbv	TO-15
Ethanol		16.4	0.50	0.17	ppbv	TO-15
Ethylbenzene		0.35	0.20	0.048	ppbv	TO-15
Ethyl Acetate		0.25	0.20	0.064	ppbv	TO-15
4-Ethyltoluene		0.13 J	0.20	0.022	ppbv	TO-15
Heptane		0.40	0.20	0.029	ppbv	TO-15
Hexane		1.5	0.20	0.028	ppbv	TO-15
Isopropyl Alcohol		7.3	0.20	0.12	ppbv	TO-15
Methyl ethyl ketone		1.4	0.20	0.049	ppbv	TO-15
Methyl Isobutyl Ketone		0.26	0.20	0.027	ppbv	TO-15
Styrene		0.062 J	0.20	0.026	ppbv	TO-15
1,2,4-Trimethylbenzene		0.42	0.20	0.023	ppbv	TO-15
1,3,5-Trimethylbenzene		0.13 J	0.20	0.030	ppbv	TO-15
2,2,4-Trimethylpentane		2.4	0.20	0.021	ppbv	TO-15
Tertiary Butyl Alcohol		0.52	0.20	0.050	ppbv	TO-15
Tetrachloroethylene		0.036 J	0.040	0.024	ppbv	TO-15
Toluene		2.7	0.20	0.020	ppbv	TO-15
Trichlorofluoromethane		0.25	0.10	0.020	ppbv	TO-15
m,p-Xylene		1.2	0.20	0.043	ppbv	TO-15
o-Xylene		0.45	0.20	0.026	ppbv	TO-15
Xylenes (total)		1.7	0.20	0.026	ppbv	TO-15
Acetone		24.7	0.48	0.076	ug/m3	TO-15
Benzene		1.4	0.64	0.096	ug/m3	TO-15
Chloromethane		1.2	0.41	0.060	ug/m3	TO-15
Carbon tetrachloride		0.41	0.25	0.16	ug/m3	TO-15
Cyclohexane		2.0	0.69	0.11	ug/m3	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Dichlorodifluoromethane		2.4	0.99	0.18	ug/m3	TO-15
Ethanol		30.9	0.94	0.32	ug/m3	TO-15
Ethylbenzene		1.5	0.87	0.21	ug/m3	TO-15
Ethyl Acetate		0.90	0.72	0.23	ug/m3	TO-15
4-Ethyltoluene		0.64 J	0.98	0.11	ug/m3	TO-15
Heptane		1.6	0.82	0.12	ug/m3	TO-15
Hexane		5.3	0.70	0.099	ug/m3	TO-15
Isopropyl Alcohol		18	0.49	0.29	ug/m3	TO-15
Methyl ethyl ketone		4.1	0.59	0.14	ug/m3	TO-15
Methyl Isobutyl Ketone		1.1	0.82	0.11	ug/m3	TO-15
Styrene		0.26 J	0.85	0.11	ug/m3	TO-15
1,2,4-Trimethylbenzene		2.1	0.98	0.11	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.64 J	0.98	0.15	ug/m3	TO-15
2,2,4-Trimethylpentane		11	0.93	0.098	ug/m3	TO-15
Tertiary Butyl Alcohol		1.6	0.61	0.15	ug/m3	TO-15
Tetrachloroethylene		0.24 J	0.27	0.16	ug/m3	TO-15
Toluene		10	0.75	0.075	ug/m3	TO-15
Trichlorofluoromethane		1.4	0.56	0.11	ug/m3	TO-15
m,p-Xylene		5.2	0.87	0.19	ug/m3	TO-15
o-Xylene		2.0	0.87	0.11	ug/m3	TO-15
Xylenes (total)		7.4	0.87	0.11	ug/m3	TO-15
JC8354-3	**SSV-2 (SUB-SLAB)**					
Acetone		5.8	0.20	0.032	ppbv	TO-15
Benzene		0.57	0.20	0.030	ppbv	TO-15
Chloroform		11.3	0.20	0.031	ppbv	TO-15
Cyclohexane		0.30	0.20	0.032	ppbv	TO-15
Dichlorodifluoromethane		0.61	0.20	0.037	ppbv	TO-15
Ethanol		24.3	0.50	0.17	ppbv	TO-15
Ethylbenzene		0.37	0.20	0.048	ppbv	TO-15
Ethyl Acetate		0.55	0.20	0.064	ppbv	TO-15
4-Ethyltoluene		0.26	0.20	0.022	ppbv	TO-15
Heptane		0.48	0.20	0.029	ppbv	TO-15
Hexane		0.85	0.20	0.028	ppbv	TO-15
Isopropyl Alcohol		1.9	0.20	0.12	ppbv	TO-15
Methyl ethyl ketone		3.3	0.20	0.049	ppbv	TO-15
Propylene		0.28 J	0.50	0.081	ppbv	TO-15
Styrene		0.078 J	0.20	0.026	ppbv	TO-15
1,1,1-Trichloroethane		0.45	0.10	0.032	ppbv	TO-15
1,2,4-Trimethylbenzene		0.85	0.20	0.023	ppbv	TO-15
1,3,5-Trimethylbenzene		0.28	0.20	0.030	ppbv	TO-15
2,2,4-Trimethylpentane		1.1	0.20	0.021	ppbv	TO-15
Tertiary Butyl Alcohol		0.42	0.20	0.050	ppbv	TO-15
Tetrachloroethylene		2.8	0.040	0.024	ppbv	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tetrahydrofuran		5.5	0.20	0.043	ppbv	TO-15
Toluene		3.7	0.20	0.020	ppbv	TO-15
Trichloroethylene		0.15	0.040	0.025	ppbv	TO-15
Trichlorofluoromethane		3.1	0.10	0.020	ppbv	TO-15
m,p-Xylene		1.2	0.20	0.043	ppbv	TO-15
o-Xylene		0.48	0.20	0.026	ppbv	TO-15
Xylenes (total)		1.7	0.20	0.026	ppbv	TO-15
Acetone		14	0.48	0.076	ug/m3	TO-15
Benzene		1.8	0.64	0.096	ug/m3	TO-15
Chloroform		55.2	0.98	0.15	ug/m3	TO-15
Cyclohexane		1.0	0.69	0.11	ug/m3	TO-15
Dichlorodifluoromethane		3.0	0.99	0.18	ug/m3	TO-15
Ethanol		45.8	0.94	0.32	ug/m3	TO-15
Ethylbenzene		1.6	0.87	0.21	ug/m3	TO-15
Ethyl Acetate		2.0	0.72	0.23	ug/m3	TO-15
4-Ethyltoluene		1.3	0.98	0.11	ug/m3	TO-15
Heptane		2.0	0.82	0.12	ug/m3	TO-15
Hexane		3.0	0.70	0.099	ug/m3	TO-15
Isopropyl Alcohol		4.7	0.49	0.29	ug/m3	TO-15
Methyl ethyl ketone		9.7	0.59	0.14	ug/m3	TO-15
Propylene		0.48 J	0.86	0.14	ug/m3	TO-15
Styrene		0.33 J	0.85	0.11	ug/m3	TO-15
1,1,1-Trichloroethane		2.5	0.55	0.17	ug/m3	TO-15
1,2,4-Trimethylbenzene		4.2	0.98	0.11	ug/m3	TO-15
1,3,5-Trimethylbenzene		1.4	0.98	0.15	ug/m3	TO-15
2,2,4-Trimethylpentane		5.1	0.93	0.098	ug/m3	TO-15
Tertiary Butyl Alcohol		1.3	0.61	0.15	ug/m3	TO-15
Tetrachloroethylene		19	0.27	0.16	ug/m3	TO-15
Tetrahydrofuran		16	0.59	0.13	ug/m3	TO-15
Toluene		14	0.75	0.075	ug/m3	TO-15
Trichloroethylene		0.81	0.21	0.13	ug/m3	TO-15
Trichlorofluoromethane		17	0.56	0.11	ug/m3	TO-15
m,p-Xylene		5.2	0.87	0.19	ug/m3	TO-15
o-Xylene		2.1	0.87	0.11	ug/m3	TO-15
Xylenes (total)		7.4	0.87	0.11	ug/m3	TO-15
JC8354-4	**RECEPTION (AMBIENT)**					
Acetone		4.8	0.20	0.032	ppbv	TO-15
Benzene		0.92	0.20	0.030	ppbv	TO-15
Chloromethane		0.55	0.20	0.029	ppbv	TO-15
Cyclohexane		0.86	0.20	0.032	ppbv	TO-15
Dichlorodifluoromethane		0.51	0.20	0.037	ppbv	TO-15
Ethanol		37.7	0.50	0.17	ppbv	TO-15
Ethylbenzene		0.26	0.20	0.048	ppbv	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethyl Acetate		0.37	0.20	0.064	ppbv	TO-15
4-Ethyltoluene		0.089 J	0.20	0.022	ppbv	TO-15
Heptane		0.72	0.20	0.029	ppbv	TO-15
Hexane		2.6	0.20	0.028	ppbv	TO-15
Isopropyl Alcohol		4.7	0.20	0.12	ppbv	TO-15
Methylene chloride		0.65	0.20	0.13	ppbv	TO-15
Methyl ethyl ketone		2.5	0.20	0.049	ppbv	TO-15
1,2,4-Trimethylbenzene		0.31	0.20	0.023	ppbv	TO-15
1,3,5-Trimethylbenzene		0.085 J	0.20	0.030	ppbv	TO-15
2,2,4-Trimethylpentane		1.5	0.20	0.021	ppbv	TO-15
Tetrachloroethylene		0.064	0.040	0.024	ppbv	TO-15
Toluene		2.8	0.20	0.020	ppbv	TO-15
Trichloroethylene		0.087	0.040	0.025	ppbv	TO-15
Trichlorofluoromethane		0.27	0.10	0.020	ppbv	TO-15
m,p-Xylene		0.77	0.20	0.043	ppbv	TO-15
o-Xylene		0.29	0.20	0.026	ppbv	TO-15
Xylenes (total)		1.1	0.20	0.026	ppbv	TO-15
Acetone		11	0.48	0.076	ug/m3	TO-15
Benzene		2.9	0.64	0.096	ug/m3	TO-15
Chloromethane		1.1	0.41	0.060	ug/m3	TO-15
Cyclohexane		3.0	0.69	0.11	ug/m3	TO-15
Dichlorodifluoromethane		2.5	0.99	0.18	ug/m3	TO-15
Ethanol		71.0	0.94	0.32	ug/m3	TO-15
Ethylbenzene		1.1	0.87	0.21	ug/m3	TO-15
Ethyl Acetate		1.3	0.72	0.23	ug/m3	TO-15
4-Ethyltoluene		0.44 J	0.98	0.11	ug/m3	TO-15
Heptane		3.0	0.82	0.12	ug/m3	TO-15
Hexane		9.2	0.70	0.099	ug/m3	TO-15
Isopropyl Alcohol		12	0.49	0.29	ug/m3	TO-15
Methylene chloride		2.3	0.69	0.45	ug/m3	TO-15
Methyl ethyl ketone		7.4	0.59	0.14	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.5	0.98	0.11	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.42 J	0.98	0.15	ug/m3	TO-15
2,2,4-Trimethylpentane		7.0	0.93	0.098	ug/m3	TO-15
Tetrachloroethylene		0.43	0.27	0.16	ug/m3	TO-15
Toluene		11	0.75	0.075	ug/m3	TO-15
Trichloroethylene		0.47	0.21	0.13	ug/m3	TO-15
Trichlorofluoromethane		1.5	0.56	0.11	ug/m3	TO-15
m,p-Xylene		3.3	0.87	0.19	ug/m3	TO-15
o-Xylene		1.3	0.87	0.11	ug/m3	TO-15
Xylenes (total)		4.8	0.87	0.11	ug/m3	TO-15
JC8354-5	**LOUNGE (AMBIENT)**					
Acetone		5.0	0.20	0.032	ppbv	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Benzene	0.76	0.20	0.030	ppbv	TO-15
Chloromethane	0.57	0.20	0.029	ppbv	TO-15
Carbon tetrachloride	0.075	0.040	0.025	ppbv	TO-15
Cyclohexane	0.69	0.20	0.032	ppbv	TO-15
Dichlorodifluoromethane	0.52	0.20	0.037	ppbv	TO-15
Ethanol	226 E	2.0	0.66	ppbv	TO-15
Ethylbenzene	0.25	0.20	0.048	ppbv	TO-15
Ethyl Acetate	0.53	0.20	0.064	ppbv	TO-15
4-Ethyltoluene	0.15 J	0.20	0.022	ppbv	TO-15
Heptane	0.59	0.20	0.029	ppbv	TO-15
Hexane	2.0	0.20	0.028	ppbv	TO-15
Isopropyl Alcohol	9.4	0.20	0.12	ppbv	TO-15
Methyl ethyl ketone	3.3	0.20	0.049	ppbv	TO-15
1,2,4-Trimethylbenzene	0.61	0.20	0.023	ppbv	TO-15
1,3,5-Trimethylbenzene	0.17 J	0.20	0.030	ppbv	TO-15
2,2,4-Trimethylpentane	1.2	0.20	0.021	ppbv	TO-15
Tertiary Butyl Alcohol	0.26	0.20	0.050	ppbv	TO-15
Tetrachloroethylene	0.16	0.040	0.024	ppbv	TO-15
Toluene	2.2	0.20	0.020	ppbv	TO-15
Trichloroethylene	0.18	0.040	0.025	ppbv	TO-15
Trichlorofluoromethane	0.29	0.10	0.020	ppbv	TO-15
m,p-Xylene	0.76	0.20	0.043	ppbv	TO-15
o-Xylene	0.32	0.20	0.026	ppbv	TO-15
Xylenes (total)	1.1	0.20	0.026	ppbv	TO-15
Acetone	12	0.48	0.076	ug/m3	TO-15
Benzene	2.4	0.64	0.096	ug/m3	TO-15
Chloromethane	1.2	0.41	0.060	ug/m3	TO-15
Carbon tetrachloride	0.47	0.25	0.16	ug/m3	TO-15
Cyclohexane	2.4	0.69	0.11	ug/m3	TO-15
Dichlorodifluoromethane	2.6	0.99	0.18	ug/m3	TO-15
Ethanol	426 E	3.8	1.2	ug/m3	TO-15
Ethylbenzene	1.1	0.87	0.21	ug/m3	TO-15
Ethyl Acetate	1.9	0.72	0.23	ug/m3	TO-15
4-Ethyltoluene	0.74 J	0.98	0.11	ug/m3	TO-15
Heptane	2.4	0.82	0.12	ug/m3	TO-15
Hexane	7.0	0.70	0.099	ug/m3	TO-15
Isopropyl Alcohol	23	0.49	0.29	ug/m3	TO-15
Methyl ethyl ketone	9.7	0.59	0.14	ug/m3	TO-15
1,2,4-Trimethylbenzene	3.0	0.98	0.11	ug/m3	TO-15
1,3,5-Trimethylbenzene	0.84 J	0.98	0.15	ug/m3	TO-15
2,2,4-Trimethylpentane	5.6	0.93	0.098	ug/m3	TO-15
Tertiary Butyl Alcohol	0.79	0.61	0.15	ug/m3	TO-15
Tetrachloroethylene	1.1	0.27	0.16	ug/m3	TO-15
Toluene	8.3	0.75	0.075	ug/m3	TO-15
Trichloroethylene	0.97	0.21	0.13	ug/m3	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Trichlorofluoromethane		1.6	0.56	0.11	ug/m3	TO-15
m,p-Xylene		3.3	0.87	0.19	ug/m3	TO-15
o-Xylene		1.4	0.87	0.11	ug/m3	TO-15
Xylenes (total)		4.8	0.87	0.11	ug/m3	TO-15
JC8354-6	**OUTDOOR (AMBIENT)**					
Acetone		1.7	0.20	0.032	ppbv	TO-15
Benzene		0.13 J	0.20	0.030	ppbv	TO-15
Chloromethane		0.54	0.20	0.029	ppbv	TO-15
Dichlorodifluoromethane		0.50	0.20	0.037	ppbv	TO-15
Ethanol		1.6	0.50	0.17	ppbv	TO-15
Ethyl Acetate		0.24	0.20	0.064	ppbv	TO-15
Hexane		0.11 J	0.20	0.028	ppbv	TO-15
Isopropyl Alcohol		0.22	0.20	0.12	ppbv	TO-15
Methyl ethyl ketone		0.16 J	0.20	0.049	ppbv	TO-15
Tetrachloroethylene		0.13	0.040	0.024	ppbv	TO-15
Toluene		0.23	0.20	0.020	ppbv	TO-15
Trichloroethylene		0.46	0.040	0.025	ppbv	TO-15
Trichlorofluoromethane		0.25	0.10	0.020	ppbv	TO-15
m,p-Xylene		0.13 J	0.20	0.043	ppbv	TO-15
Xylenes (total)		0.13 J	0.20	0.026	ppbv	TO-15
Acetone		4.0	0.48	0.076	ug/m3	TO-15
Benzene		0.42 J	0.64	0.096	ug/m3	TO-15
Chloromethane		1.1	0.41	0.060	ug/m3	TO-15
Dichlorodifluoromethane		2.5	0.99	0.18	ug/m3	TO-15
Ethanol		3.0	0.94	0.32	ug/m3	TO-15
Ethyl Acetate		0.86	0.72	0.23	ug/m3	TO-15
Hexane		0.39 J	0.70	0.099	ug/m3	TO-15
Isopropyl Alcohol		0.54	0.49	0.29	ug/m3	TO-15
Methyl ethyl ketone		0.47 J	0.59	0.14	ug/m3	TO-15
Tetrachloroethylene		0.88	0.27	0.16	ug/m3	TO-15
Toluene		0.87	0.75	0.075	ug/m3	TO-15
Trichloroethylene		2.5	0.21	0.13	ug/m3	TO-15
Trichlorofluoromethane		1.4	0.56	0.11	ug/m3	TO-15
m,p-Xylene		0.56 J	0.87	0.19	ug/m3	TO-15
Xylenes (total)		0.56 J	0.87	0.11	ug/m3	TO-15
JC8354-7	**SSV-3 (SUB-SLAB)**					
Acetone		16.9	0.20	0.032	ppbv	TO-15
Benzene		0.19 J	0.20	0.030	ppbv	TO-15
Carbon disulfide		0.25	0.20	0.029	ppbv	TO-15
Chloroethane		3.6	0.20	0.022	ppbv	TO-15
Chloroform		0.43	0.20	0.031	ppbv	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chloromethane		0.28	0.20	0.029	ppbv	TO-15
Cyclohexane		0.31	0.20	0.032	ppbv	TO-15
1,1-Dichloroethane		41.4	2.0	0.31	ppbv	TO-15
1,1-Dichloroethylene		33.6	0.20	0.028	ppbv	TO-15
Dichlorodifluoromethane		0.49	0.20	0.037	ppbv	TO-15
cis-1,2-Dichloroethylene		0.68	0.20	0.025	ppbv	TO-15
Ethanol		7.3	0.50	0.17	ppbv	TO-15
Heptane		0.14 J	0.20	0.029	ppbv	TO-15
Hexane		7.6	0.20	0.028	ppbv	TO-15
Isopropyl Alcohol		2.2	0.20	0.12	ppbv	TO-15
Methyl ethyl ketone		2.3	0.20	0.049	ppbv	TO-15
Propylene		41.5	5.0	0.81	ppbv	TO-15
1,1,1-Trichloroethane		205	1.0	0.32	ppbv	TO-15
2,2,4-Trimethylpentane		1.0	0.20	0.021	ppbv	TO-15
Tetrachloroethylene		0.87	0.040	0.024	ppbv	TO-15
Tetrahydrofuran		7.8	0.20	0.043	ppbv	TO-15
Toluene		0.086 J	0.20	0.020	ppbv	TO-15
Trichloroethylene		5.6	0.040	0.025	ppbv	TO-15
Trichlorofluoromethane		0.25	0.10	0.020	ppbv	TO-15
Acetone		40.1	0.48	0.076	ug/m3	TO-15
Benzene		0.61 J	0.64	0.096	ug/m3	TO-15
Carbon disulfide		0.78	0.62	0.090	ug/m3	TO-15
Chloroethane		9.5	0.53	0.058	ug/m3	TO-15
Chloroform		2.1	0.98	0.15	ug/m3	TO-15
Chloromethane		0.58	0.41	0.060	ug/m3	TO-15
Cyclohexane		1.1	0.69	0.11	ug/m3	TO-15
1,1-Dichloroethane		168	8.1	1.3	ug/m3	TO-15
1,1-Dichloroethylene		133	0.79	0.11	ug/m3	TO-15
Dichlorodifluoromethane		2.4	0.99	0.18	ug/m3	TO-15
cis-1,2-Dichloroethylene		2.7	0.79	0.099	ug/m3	TO-15
Ethanol		14	0.94	0.32	ug/m3	TO-15
Heptane		0.57 J	0.82	0.12	ug/m3	TO-15
Hexane		27	0.70	0.099	ug/m3	TO-15
Isopropyl Alcohol		5.4	0.49	0.29	ug/m3	TO-15
Methyl ethyl ketone		6.8	0.59	0.14	ug/m3	TO-15
Propylene		71.3	8.6	1.4	ug/m3	TO-15
1,1,1-Trichloroethane		1120	5.5	1.7	ug/m3	TO-15
2,2,4-Trimethylpentane		4.7	0.93	0.098	ug/m3	TO-15
Tetrachloroethylene		5.9	0.27	0.16	ug/m3	TO-15
Tetrahydrofuran		23	0.59	0.13	ug/m3	TO-15
Toluene		0.32 J	0.75	0.075	ug/m3	TO-15
Trichloroethylene		30	0.21	0.13	ug/m3	TO-15
Trichlorofluoromethane		1.4	0.56	0.11	ug/m3	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC8354-8	**SSV-3 (AMBIENT)**					
Acetone		4.7	0.20	0.032	ppbv	TO-15
Benzene		0.31	0.20	0.030	ppbv	TO-15
Chloromethane		0.36	0.20	0.029	ppbv	TO-15
Dichlorodifluoromethane		0.33	0.20	0.037	ppbv	TO-15
cis-1,2-Dichloroethylene		0.20	0.20	0.025	ppbv	TO-15
Ethanol		6.7	0.50	0.17	ppbv	TO-15
Ethylbenzene		0.52	0.20	0.048	ppbv	TO-15
4-Ethyltoluene		0.34	0.20	0.022	ppbv	TO-15
Heptane		0.71	0.20	0.029	ppbv	TO-15
Hexane		0.55	0.20	0.028	ppbv	TO-15
Isopropyl Alcohol		60.6	0.62	0.37	ppbv	TO-15
Methylene chloride		0.20	0.20	0.13	ppbv	TO-15
Methyl ethyl ketone		3.3	0.20	0.049	ppbv	TO-15
Propylene		0.94	0.50	0.081	ppbv	TO-15
1,2,4-Trimethylbenzene		1.2	0.20	0.023	ppbv	TO-15
1,3,5-Trimethylbenzene		0.37	0.20	0.030	ppbv	TO-15
2,2,4-Trimethylpentane		62.1	0.62	0.066	ppbv	TO-15
Tertiary Butyl Alcohol		0.29	0.20	0.050	ppbv	TO-15
Tetrachloroethylene		0.13	0.040	0.024	ppbv	TO-15
Toluene		6.7	0.20	0.020	ppbv	TO-15
Trichloroethylene		0.087	0.040	0.025	ppbv	TO-15
Trichlorofluoromethane		0.18	0.10	0.020	ppbv	TO-15
m,p-Xylene		1.7	0.20	0.043	ppbv	TO-15
o-Xylene		0.68	0.20	0.026	ppbv	TO-15
Xylenes (total)		2.3	0.20	0.026	ppbv	TO-15
Acetone		11	0.48	0.076	ug/m3	TO-15
Benzene		0.99	0.64	0.096	ug/m3	TO-15
Chloromethane		0.74	0.41	0.060	ug/m3	TO-15
Dichlorodifluoromethane		1.6	0.99	0.18	ug/m3	TO-15
cis-1,2-Dichloroethylene		0.79	0.79	0.099	ug/m3	TO-15
Ethanol		13	0.94	0.32	ug/m3	TO-15
Ethylbenzene		2.3	0.87	0.21	ug/m3	TO-15
4-Ethyltoluene		1.7	0.98	0.11	ug/m3	TO-15
Heptane		2.9	0.82	0.12	ug/m3	TO-15
Hexane		1.9	0.70	0.099	ug/m3	TO-15
Isopropyl Alcohol		149	1.5	0.91	ug/m3	TO-15
Methylene chloride		0.69	0.69	0.45	ug/m3	TO-15
Methyl ethyl ketone		9.7	0.59	0.14	ug/m3	TO-15
Propylene		1.6	0.86	0.14	ug/m3	TO-15
1,2,4-Trimethylbenzene		5.9	0.98	0.11	ug/m3	TO-15
1,3,5-Trimethylbenzene		1.8	0.98	0.15	ug/m3	TO-15
2,2,4-Trimethylpentane		290	2.9	0.31	ug/m3	TO-15
Tertiary Butyl Alcohol		0.88	0.61	0.15	ug/m3	TO-15

Summary of Hits

Job Number: JC8354
Account: Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Collected: 11/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tetrachloroethylene		0.88	0.27	0.16	ug/m3	TO-15
Toluene		25	0.75	0.075	ug/m3	TO-15
Trichloroethylene		0.47	0.21	0.13	ug/m3	TO-15
Trichlorofluoromethane		1.0	0.56	0.11	ug/m3	TO-15
m,p-Xylene		7.4	0.87	0.19	ug/m3	TO-15
o-Xylene		3.0	0.87	0.11	ug/m3	TO-15
Xylenes (total)		10	0.87	0.11	ug/m3	TO-15

New Jersey ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: SSV-1 (SUB-SLAB)
Lab Sample ID: JC8354-1 **Date Sampled:** 11/10/15
Matrix: AIR - Soil Vapor Comp. Summa ID: A239 **Date Received:** 11/12/15
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	5W14641.D	1	11/17/15	TCH	n/a	n/a	V5W586
Run #2	5W14662.D	1	11/18/15	TCH	n/a	n/a	V5W587

	Initial Volume
Run #1	400 ml
Run #2	200 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	10.5	0.20	0.032	ppbv		24.9	0.48	0.076	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.031	ppbv		ND	0.44	0.069	ug/m3
71-43-2	78.11	Benzene	0.56	0.20	0.030	ppbv		1.8	0.64	0.096	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.032	ppbv		ND	0.67	0.21	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.020	ppbv		ND	0.41	0.21	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.022	ppbv		ND	0.78	0.085	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.020	ppbv		ND	0.87	0.087	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.026	ppbv		ND	1.0	0.13	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	0.090	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.032	ppbv		ND	0.92	0.15	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.022	ppbv		ND	0.53	0.058	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.031	ppbv		ND	0.98	0.15	ug/m3
74-87-3	50.49	Chloromethane	ND	0.20	0.029	ppbv		ND	0.41	0.060	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	0.088	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.033	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.025	ppbv		ND	0.25	0.16	ug/m3
110-82-7	84.16	Cyclohexane	0.43	0.20	0.032	ppbv		1.5	0.69	0.11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.031	ppbv		ND	0.81	0.13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.035	ppbv		ND	0.77	0.27	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.026	ppbv		ND	0.81	0.11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.050	ppbv		ND	0.92	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	0.23	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.50	0.20	0.037	ppbv		2.5	0.99	0.18	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.041	ppbv		ND	0.85	0.35	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.020	ppbv		ND	0.79	0.079	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	0.099	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.035	ppbv		ND	0.91	0.16	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.030	ppbv		ND	0.24	0.18	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.019	ppbv		ND	0.60	0.11	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.020	ppbv		ND	0.91	0.091	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: SSV-1 (SUB-SLAB)
Lab Sample ID: JC8354-1 **Date Sampled:** 11/10/15
Matrix: AIR - Soil Vapor Comp. Summa ID: A239 **Date Received:** 11/12/15
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	18.4	0.50	0.17	ppbv		34.7	0.94	0.32	ug/m3
100-41-4	106.2	Ethylbenzene	0.67	0.20	0.048	ppbv		2.9	0.87	0.21	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.064	ppbv		ND	0.72	0.23	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.52	0.20	0.022	ppbv		2.6	0.98	0.11	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.027	ppbv		ND	0.77	0.21	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.025	ppbv		ND	0.70	0.17	ug/m3
142-82-5	100.2	Heptane	0.52	0.20	0.029	ppbv		2.1	0.82	0.12	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.033	ppbv		ND	0.96	0.35	ug/m3
110-54-3	86.17	Hexane	1.1	0.20	0.028	ppbv		3.9	0.70	0.099	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.044	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.3	0.20	0.12	ppbv		3.2	0.49	0.29	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	11.0	0.20	0.049	ppbv		32.4	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.18	0.20	0.027	ppbv	J	0.74	0.82	0.11	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.026	ppbv		ND	0.72	0.094	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.030	ppbv		ND	0.82	0.12	ug/m3
115-07-1	42	Propylene	0.63	0.50	0.081	ppbv		1.1	0.86	0.14	ug/m3
100-42-5	104.1	Styrene	0.11	0.20	0.026	ppbv	J	0.47	0.85	0.11	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.68	0.10	0.032	ppbv		3.7	0.55	0.17	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.030	ppbv		ND	0.69	0.21	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.036	ppbv		ND	0.55	0.20	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.044	ppbv		ND	0.74	0.33	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	2.3	0.20	0.023	ppbv		11	0.98	0.11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.63	0.20	0.030	ppbv		3.1	0.98	0.15	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.7	0.20	0.021	ppbv		7.9	0.93	0.098	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.11	0.20	0.050	ppbv	J	0.33	0.61	0.15	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.29	0.040	0.024	ppbv		2.0	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	56.9 [a]	0.40	0.087	ppbv		168 [a]	1.2	0.26	ug/m3
108-88-3	92.14	Toluene	4.9	0.20	0.020	ppbv		18	0.75	0.075	ug/m3
79-01-6	131.4	Trichloroethylene	0.049	0.040	0.025	ppbv		0.26	0.21	0.13	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.39	0.10	0.020	ppbv		2.2	0.56	0.11	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.032	ppbv		ND	0.10	0.082	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.055	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	2.5	0.20	0.043	ppbv		11	0.87	0.19	ug/m3
95-47-6	106.2	o-Xylene	1.1	0.20	0.026	ppbv		4.8	0.87	0.11	ug/m3
1330-20-7	106.2	Xylenes (total)	3.6	0.20	0.026	ppbv		16	0.87	0.11	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%	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:	SSV-1 (SUB-SLAB)		
Lab Sample ID:	JC8354-1	**Date Sampled:**	11/10/15
Matrix:	AIR - Soil Vapor Comp. Summa ID: A239	**Date Received:**	11/12/15
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:	SSV-1 (AMBIENT)		
Lab Sample ID:	JC8354-2	**Date Sampled:**	11/10/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A1019	**Date Received:**	11/12/15
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	5W14642.D	1.48	11/17/15	TCH	n/a	n/a	V5W586
Run #2							

	Initial Volume
Run #1	592 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	10.4	0.20	0.032	ppbv		24.7	0.48	0.076	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.031	ppbv		ND	0.44	0.069	ug/m3
71-43-2	78.11	Benzene	0.44	0.20	0.030	ppbv		1.4	0.64	0.096	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.032	ppbv		ND	0.67	0.21	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.020	ppbv		ND	0.41	0.21	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.022	ppbv		ND	0.78	0.085	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.020	ppbv		ND	0.87	0.087	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.026	ppbv		ND	1.0	0.13	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	0.090	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.032	ppbv		ND	0.92	0.15	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.022	ppbv		ND	0.53	0.058	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.031	ppbv		ND	0.98	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.56	0.20	0.029	ppbv		1.2	0.41	0.060	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	0.088	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.033	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.065	0.040	0.025	ppbv		0.41	0.25	0.16	ug/m3
110-82-7	84.16	Cyclohexane	0.58	0.20	0.032	ppbv		2.0	0.69	0.11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.031	ppbv		ND	0.81	0.13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.035	ppbv		ND	0.77	0.27	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.026	ppbv		ND	0.81	0.11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.050	ppbv		ND	0.92	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	0.23	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.49	0.20	0.037	ppbv		2.4	0.99	0.18	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.041	ppbv		ND	0.85	0.35	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.020	ppbv		ND	0.79	0.079	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	0.099	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.035	ppbv		ND	0.91	0.16	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.030	ppbv		ND	0.24	0.18	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.019	ppbv		ND	0.60	0.11	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.020	ppbv		ND	0.91	0.091	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: SSV-1 (AMBIENT)
Lab Sample ID: JC8354-2 **Date Sampled:** 11/10/15
Matrix: AIR - Ambient Air Comp. Summa ID: A1019 **Date Received:** 11/12/15
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	16.4	0.50	0.17	ppbv		30.9	0.94	0.32	ug/m3
100-41-4	106.2	Ethylbenzene	0.35	0.20	0.048	ppbv		1.5	0.87	0.21	ug/m3
141-78-6	88	Ethyl Acetate	0.25	0.20	0.064	ppbv		0.90	0.72	0.23	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.13	0.20	0.022	ppbv	J	0.64	0.98	0.11	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.027	ppbv		ND	0.77	0.21	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.025	ppbv		ND	0.70	0.17	ug/m3
142-82-5	100.2	Heptane	0.40	0.20	0.029	ppbv		1.6	0.82	0.12	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.033	ppbv		ND	0.96	0.35	ug/m3
110-54-3	86.17	Hexane	1.5	0.20	0.028	ppbv		5.3	0.70	0.099	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.044	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	7.3	0.20	0.12	ppbv		18	0.49	0.29	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.4	0.20	0.049	ppbv		4.1	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.26	0.20	0.027	ppbv		1.1	0.82	0.11	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.026	ppbv		ND	0.72	0.094	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.030	ppbv		ND	0.82	0.12	ug/m3
115-07-1	42	Propylene	ND	0.50	0.081	ppbv		ND	0.86	0.14	ug/m3
100-42-5	104.1	Styrene	0.062	0.20	0.026	ppbv	J	0.26	0.85	0.11	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.032	ppbv		ND	0.55	0.17	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.030	ppbv		ND	0.69	0.21	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.036	ppbv		ND	0.55	0.20	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.044	ppbv		ND	0.74	0.33	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.42	0.20	0.023	ppbv		2.1	0.98	0.11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.13	0.20	0.030	ppbv	J	0.64	0.98	0.15	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	2.4	0.20	0.021	ppbv		11	0.93	0.098	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.52	0.20	0.050	ppbv		1.6	0.61	0.15	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.036	0.040	0.024	ppbv	J	0.24	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.043	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	2.7	0.20	0.020	ppbv		10	0.75	0.075	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.025	ppbv		ND	0.21	0.13	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.25	0.10	0.020	ppbv		1.4	0.56	0.11	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.032	ppbv		ND	0.10	0.082	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.055	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	1.2	0.20	0.043	ppbv		5.2	0.87	0.19	ug/m3
95-47-6	106.2	o-Xylene	0.45	0.20	0.026	ppbv		2.0	0.87	0.11	ug/m3
1330-20-7	106.2	Xylenes (total)	1.7	0.20	0.026	ppbv		7.4	0.87	0.11	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		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:	SSV-2 (SUB-SLAB)		
Lab Sample ID:	JC8354-3	**Date Sampled:**	11/10/15
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1053	**Date Received:**	11/12/15
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	5W14644.D	1	11/17/15	TCH	n/a	n/a	V5W586
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	5.8	0.20	0.032	ppbv		14	0.48	0.076	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.031	ppbv		ND	0.44	0.069	ug/m3
71-43-2	78.11	Benzene	0.57	0.20	0.030	ppbv		1.8	0.64	0.096	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.032	ppbv		ND	0.67	0.21	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.020	ppbv		ND	0.41	0.21	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.022	ppbv		ND	0.78	0.085	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.020	ppbv		ND	0.87	0.087	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.026	ppbv		ND	1.0	0.13	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	0.090	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.032	ppbv		ND	0.92	0.15	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.022	ppbv		ND	0.53	0.058	ug/m3
67-66-3	119.4	Chloroform	11.3	0.20	0.031	ppbv		55.2	0.98	0.15	ug/m3
74-87-3	50.49	Chloromethane	ND	0.20	0.029	ppbv		ND	0.41	0.060	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	0.088	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.033	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.025	ppbv		ND	0.25	0.16	ug/m3
110-82-7	84.16	Cyclohexane	0.30	0.20	0.032	ppbv		1.0	0.69	0.11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.031	ppbv		ND	0.81	0.13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.035	ppbv		ND	0.77	0.27	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.026	ppbv		ND	0.81	0.11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.050	ppbv		ND	0.92	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	0.23	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.61	0.20	0.037	ppbv		3.0	0.99	0.18	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.041	ppbv		ND	0.85	0.35	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.020	ppbv		ND	0.79	0.079	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	0.099	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.035	ppbv		ND	0.91	0.16	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.030	ppbv		ND	0.24	0.18	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.019	ppbv		ND	0.60	0.11	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.020	ppbv		ND	0.91	0.091	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: SSV-2 (SUB-SLAB)
Lab Sample ID: JC8354-3 **Date Sampled:** 11/10/15
Matrix: AIR - Soil Vapor Comp. Summa ID: A1053 **Date Received:** 11/12/15
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	24.3	0.50	0.17	ppbv		45.8	0.94	0.32	ug/m3
100-41-4	106.2	Ethylbenzene	0.37	0.20	0.048	ppbv		1.6	0.87	0.21	ug/m3
141-78-6	88	Ethyl Acetate	0.55	0.20	0.064	ppbv		2.0	0.72	0.23	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.26	0.20	0.022	ppbv		1.3	0.98	0.11	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.027	ppbv		ND	0.77	0.21	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.025	ppbv		ND	0.70	0.17	ug/m3
142-82-5	100.2	Heptane	0.48	0.20	0.029	ppbv		2.0	0.82	0.12	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.033	ppbv		ND	0.96	0.35	ug/m3
110-54-3	86.17	Hexane	0.85	0.20	0.028	ppbv		3.0	0.70	0.099	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.044	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.9	0.20	0.12	ppbv		4.7	0.49	0.29	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.3	0.20	0.049	ppbv		9.7	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.027	ppbv		ND	0.82	0.11	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.026	ppbv		ND	0.72	0.094	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.030	ppbv		ND	0.82	0.12	ug/m3
115-07-1	42	Propylene	0.28	0.50	0.081	ppbv	J	0.48	0.86	0.14	ug/m3
100-42-5	104.1	Styrene	0.078	0.20	0.026	ppbv	J	0.33	0.85	0.11	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.45	0.10	0.032	ppbv		2.5	0.55	0.17	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.030	ppbv		ND	0.69	0.21	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.036	ppbv		ND	0.55	0.20	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.044	ppbv		ND	0.74	0.33	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.85	0.20	0.023	ppbv		4.2	0.98	0.11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.28	0.20	0.030	ppbv		1.4	0.98	0.15	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.1	0.20	0.021	ppbv		5.1	0.93	0.098	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.42	0.20	0.050	ppbv		1.3	0.61	0.15	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.8	0.040	0.024	ppbv		19	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	5.5	0.20	0.043	ppbv		16	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	3.7	0.20	0.020	ppbv		14	0.75	0.075	ug/m3
79-01-6	131.4	Trichloroethylene	0.15	0.040	0.025	ppbv		0.81	0.21	0.13	ug/m3
75-69-4	137.4	Trichlorofluoromethane	3.1	0.10	0.020	ppbv		17	0.56	0.11	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.032	ppbv		ND	0.10	0.082	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.055	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	1.2	0.20	0.043	ppbv		5.2	0.87	0.19	ug/m3
95-47-6	106.2	o-Xylene	0.48	0.20	0.026	ppbv		2.1	0.87	0.11	ug/m3
1330-20-7	106.2	Xylenes (total)	1.7	0.20	0.026	ppbv		7.4	0.87	0.11	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		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 (AMBIENT)		
Lab Sample ID:	JC8354-4	**Date Sampled:**	11/10/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A1205	**Date Received:**	11/12/15
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	5W14646.D	1	11/17/15	TCH	n/a	n/a	V5W586
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	4.8	0.20	0.032	ppbv		11	0.48	0.076	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.031	ppbv		ND	0.44	0.069	ug/m3
71-43-2	78.11	Benzene	0.92	0.20	0.030	ppbv		2.9	0.64	0.096	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.032	ppbv		ND	0.67	0.21	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.020	ppbv		ND	0.41	0.21	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.022	ppbv		ND	0.78	0.085	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.020	ppbv		ND	0.87	0.087	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.026	ppbv		ND	1.0	0.13	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	0.090	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.032	ppbv		ND	0.92	0.15	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.022	ppbv		ND	0.53	0.058	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.031	ppbv		ND	0.98	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.55	0.20	0.029	ppbv		1.1	0.41	0.060	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	0.088	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.033	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.025	ppbv		ND	0.25	0.16	ug/m3
110-82-7	84.16	Cyclohexane	0.86	0.20	0.032	ppbv		3.0	0.69	0.11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.031	ppbv		ND	0.81	0.13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.035	ppbv		ND	0.77	0.27	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.026	ppbv		ND	0.81	0.11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.050	ppbv		ND	0.92	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	0.23	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.51	0.20	0.037	ppbv		2.5	0.99	0.18	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.041	ppbv		ND	0.85	0.35	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.020	ppbv		ND	0.79	0.079	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	0.099	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.035	ppbv		ND	0.91	0.16	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.030	ppbv		ND	0.24	0.18	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.019	ppbv		ND	0.60	0.11	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.020	ppbv		ND	0.91	0.091	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 (AMBIENT)
Lab Sample ID: JC8354-4 **Date Sampled:** 11/10/15
Matrix: AIR - Ambient Air Comp. Summa ID: A1205 **Date Received:** 11/12/15
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	37.7	0.50	0.17	ppbv		71.0	0.94	0.32	ug/m3
100-41-4	106.2	Ethylbenzene	0.26	0.20	0.048	ppbv		1.1	0.87	0.21	ug/m3
141-78-6	88	Ethyl Acetate	0.37	0.20	0.064	ppbv		1.3	0.72	0.23	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.089	0.20	0.022	ppbv	J	0.44	0.98	0.11	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.027	ppbv		ND	0.77	0.21	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.025	ppbv		ND	0.70	0.17	ug/m3
142-82-5	100.2	Heptane	0.72	0.20	0.029	ppbv		3.0	0.82	0.12	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.033	ppbv		ND	0.96	0.35	ug/m3
110-54-3	86.17	Hexane	2.6	0.20	0.028	ppbv		9.2	0.70	0.099	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.044	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	4.7	0.20	0.12	ppbv		12	0.49	0.29	ug/m3
75-09-2	84.94	Methylene chloride	0.65	0.20	0.13	ppbv		2.3	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.5	0.20	0.049	ppbv		7.4	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.027	ppbv		ND	0.82	0.11	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.026	ppbv		ND	0.72	0.094	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.030	ppbv		ND	0.82	0.12	ug/m3
115-07-1	42	Propylene	ND	0.50	0.081	ppbv		ND	0.86	0.14	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.026	ppbv		ND	0.85	0.11	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.032	ppbv		ND	0.55	0.17	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.030	ppbv		ND	0.69	0.21	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.036	ppbv		ND	0.55	0.20	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.044	ppbv		ND	0.74	0.33	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.31	0.20	0.023	ppbv		1.5	0.98	0.11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.085	0.20	0.030	ppbv	J	0.42	0.98	0.15	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.5	0.20	0.021	ppbv		7.0	0.93	0.098	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.050	ppbv		ND	0.61	0.15	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.064	0.040	0.024	ppbv		0.43	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.043	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	2.8	0.20	0.020	ppbv		11	0.75	0.075	ug/m3
79-01-6	131.4	Trichloroethylene	0.087	0.040	0.025	ppbv		0.47	0.21	0.13	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.27	0.10	0.020	ppbv		1.5	0.56	0.11	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.032	ppbv		ND	0.10	0.082	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.055	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.77	0.20	0.043	ppbv		3.3	0.87	0.19	ug/m3
95-47-6	106.2	o-Xylene	0.29	0.20	0.026	ppbv		1.3	0.87	0.11	ug/m3
1330-20-7	106.2	Xylenes (total)	1.1	0.20	0.026	ppbv		4.8	0.87	0.11	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		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 (AMBIENT)		
Lab Sample ID:	JC8354-5	**Date Sampled:**	11/10/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A320	**Date Received:**	11/12/15
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	5W14647.D	1	11/17/15	TCH	n/a	n/a	V5W586
Run #2	5W14664.D	1	11/18/15	TCH	n/a	n/a	V5W587

	Initial Volume
Run #1	400 ml
Run #2	100 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	5.0	0.20	0.032	ppbv		12	0.48	0.076	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.031	ppbv		ND	0.44	0.069	ug/m3
71-43-2	78.11	Benzene	0.76	0.20	0.030	ppbv		2.4	0.64	0.096	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.032	ppbv		ND	0.67	0.21	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.020	ppbv		ND	0.41	0.21	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.022	ppbv		ND	0.78	0.085	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.020	ppbv		ND	0.87	0.087	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.026	ppbv		ND	1.0	0.13	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	0.090	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.032	ppbv		ND	0.92	0.15	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.022	ppbv		ND	0.53	0.058	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.031	ppbv		ND	0.98	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.57	0.20	0.029	ppbv		1.2	0.41	0.060	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	0.088	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.033	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.075	0.040	0.025	ppbv		0.47	0.25	0.16	ug/m3
110-82-7	84.16	Cyclohexane	0.69	0.20	0.032	ppbv		2.4	0.69	0.11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.031	ppbv		ND	0.81	0.13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.035	ppbv		ND	0.77	0.27	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.026	ppbv		ND	0.81	0.11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.050	ppbv		ND	0.92	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	0.23	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.52	0.20	0.037	ppbv		2.6	0.99	0.18	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.041	ppbv		ND	0.85	0.35	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.020	ppbv		ND	0.79	0.079	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	0.099	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.035	ppbv		ND	0.91	0.16	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.030	ppbv		ND	0.24	0.18	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.019	ppbv		ND	0.60	0.11	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.020	ppbv		ND	0.91	0.091	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 (AMBIENT)
Lab Sample ID: JC8354-5 **Date Sampled:** 11/10/15
Matrix: AIR - Ambient Air Comp. Summa ID: A320 **Date Received:** 11/12/15
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	226 [a]	2.0	0.66	ppbv	E	426 [a]	3.8	1.2	ug/m3
100-41-4	106.2	Ethylbenzene	0.25	0.20	0.048	ppbv		1.1	0.87	0.21	ug/m3
141-78-6	88	Ethyl Acetate	0.53	0.20	0.064	ppbv		1.9	0.72	0.23	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.15	0.20	0.022	ppbv	J	0.74	0.98	0.11	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.027	ppbv		ND	0.77	0.21	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.025	ppbv		ND	0.70	0.17	ug/m3
142-82-5	100.2	Heptane	0.59	0.20	0.029	ppbv		2.4	0.82	0.12	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.033	ppbv		ND	0.96	0.35	ug/m3
110-54-3	86.17	Hexane	2.0	0.20	0.028	ppbv		7.0	0.70	0.099	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.044	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	9.4	0.20	0.12	ppbv		23	0.49	0.29	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.3	0.20	0.049	ppbv		9.7	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.027	ppbv		ND	0.82	0.11	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.026	ppbv		ND	0.72	0.094	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.030	ppbv		ND	0.82	0.12	ug/m3
115-07-1	42	Propylene	ND	0.50	0.081	ppbv		ND	0.86	0.14	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.026	ppbv		ND	0.85	0.11	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.032	ppbv		ND	0.55	0.17	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.030	ppbv		ND	0.69	0.21	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.036	ppbv		ND	0.55	0.20	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.044	ppbv		ND	0.74	0.33	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.61	0.20	0.023	ppbv		3.0	0.98	0.11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.17	0.20	0.030	ppbv	J	0.84	0.98	0.15	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.2	0.20	0.021	ppbv		5.6	0.93	0.098	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.26	0.20	0.050	ppbv		0.79	0.61	0.15	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.16	0.040	0.024	ppbv		1.1	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.043	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	2.2	0.20	0.020	ppbv		8.3	0.75	0.075	ug/m3
79-01-6	131.4	Trichloroethylene	0.18	0.040	0.025	ppbv		0.97	0.21	0.13	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.29	0.10	0.020	ppbv		1.6	0.56	0.11	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.032	ppbv		ND	0.10	0.082	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.055	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.76	0.20	0.043	ppbv		3.3	0.87	0.19	ug/m3
95-47-6	106.2	o-Xylene	0.32	0.20	0.026	ppbv		1.4	0.87	0.11	ug/m3
1330-20-7	106.2	Xylenes (total)	1.1	0.20	0.026	ppbv		4.8	0.87	0.11	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%	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 (AMBIENT)		
Lab Sample ID:	JC8354-5	**Date Sampled:**	11/10/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A320	**Date Received:**	11/12/15
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:	OUTDOOR (AMBIENT)		
Lab Sample ID:	JC8354-6	**Date Sampled:**	11/10/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A293	**Date Received:**	11/12/15
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	5W14648.D	1	11/17/15	TCH	n/a	n/a	V5W586
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	1.7	0.20	0.032	ppbv		4.0	0.48	0.076	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.031	ppbv		ND	0.44	0.069	ug/m3
71-43-2	78.11	Benzene	0.13	0.20	0.030	ppbv	J	0.42	0.64	0.096	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.032	ppbv		ND	0.67	0.21	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.020	ppbv		ND	0.41	0.21	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.022	ppbv		ND	0.78	0.085	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.020	ppbv		ND	0.87	0.087	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.026	ppbv		ND	1.0	0.13	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	0.090	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.032	ppbv		ND	0.92	0.15	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.022	ppbv		ND	0.53	0.058	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.031	ppbv		ND	0.98	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.54	0.20	0.029	ppbv		1.1	0.41	0.060	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	0.088	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.033	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.025	ppbv		ND	0.25	0.16	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.032	ppbv		ND	0.69	0.11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.031	ppbv		ND	0.81	0.13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.035	ppbv		ND	0.77	0.27	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.026	ppbv		ND	0.81	0.11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.050	ppbv		ND	0.92	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	0.23	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.50	0.20	0.037	ppbv		2.5	0.99	0.18	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.041	ppbv		ND	0.85	0.35	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.020	ppbv		ND	0.79	0.079	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.025	ppbv		ND	0.79	0.099	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.035	ppbv		ND	0.91	0.16	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.030	ppbv		ND	0.24	0.18	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.019	ppbv		ND	0.60	0.11	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.020	ppbv		ND	0.91	0.091	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 (AMBIENT)
Lab Sample ID: JC8354-6 **Date Sampled:** 11/10/15
Matrix: AIR - Ambient Air Comp. Summa ID: A293 **Date Received:** 11/12/15
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	0.17	ppbv		3.0	0.94	0.32	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	0.048	ppbv		ND	0.87	0.21	ug/m3
141-78-6	88	Ethyl Acetate	0.24	0.20	0.064	ppbv		0.86	0.72	0.23	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.022	ppbv		ND	0.98	0.11	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.027	ppbv		ND	0.77	0.21	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.025	ppbv		ND	0.70	0.17	ug/m3
142-82-5	100.2	Heptane	ND	0.20	0.029	ppbv		ND	0.82	0.12	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.033	ppbv		ND	0.96	0.35	ug/m3
110-54-3	86.17	Hexane	0.11	0.20	0.028	ppbv	J	0.39	0.70	0.099	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.044	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.22	0.20	0.12	ppbv		0.54	0.49	0.29	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.16	0.20	0.049	ppbv	J	0.47	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.027	ppbv		ND	0.82	0.11	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.026	ppbv		ND	0.72	0.094	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.030	ppbv		ND	0.82	0.12	ug/m3
115-07-1	42	Propylene	ND	0.50	0.081	ppbv		ND	0.86	0.14	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.026	ppbv		ND	0.85	0.11	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.032	ppbv		ND	0.55	0.17	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.030	ppbv		ND	0.69	0.21	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.036	ppbv		ND	0.55	0.20	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.044	ppbv		ND	0.74	0.33	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	0.023	ppbv		ND	0.98	0.11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.030	ppbv		ND	0.98	0.15	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	0.098	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.050	ppbv		ND	0.61	0.15	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.13	0.040	0.024	ppbv		0.88	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.043	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	0.23	0.20	0.020	ppbv		0.87	0.75	0.075	ug/m3
79-01-6	131.4	Trichloroethylene	0.46	0.040	0.025	ppbv		2.5	0.21	0.13	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.25	0.10	0.020	ppbv		1.4	0.56	0.11	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.032	ppbv		ND	0.10	0.082	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.055	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	0.13	0.20	0.043	ppbv	J	0.56	0.87	0.19	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	0.11	ug/m3
1330-20-7	106.2	Xylenes (total)	0.13	0.20	0.026	ppbv	J	0.56	0.87	0.11	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		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: SSV-3 (SUB-SLAB)
Lab Sample ID: JC8354-7 **Date Sampled:** 11/10/15
Matrix: AIR - Soil Vapor Comp. Summa ID: A443 **Date Received:** 11/12/15
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	5W14649.D	1	11/17/15	TCH	n/a	n/a	V5W586
Run #2	5W14663.D	1	11/18/15	TCH	n/a	n/a	V5W587

	Initial Volume
Run #1	400 ml
Run #2	40.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	16.9	0.20	0.032	ppbv		40.1	0.48	0.076	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.031	ppbv		ND	0.44	0.069	ug/m3
71-43-2	78.11	Benzene	0.19	0.20	0.030	ppbv	J	0.61	0.64	0.096	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.032	ppbv		ND	0.67	0.21	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.020	ppbv		ND	0.41	0.21	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.022	ppbv		ND	0.78	0.085	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.020	ppbv		ND	0.87	0.087	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.026	ppbv		ND	1.0	0.13	ug/m3
75-15-0	76.14	Carbon disulfide	0.25	0.20	0.029	ppbv		0.78	0.62	0.090	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.032	ppbv		ND	0.92	0.15	ug/m3
75-00-3	64.52	Chloroethane	3.6	0.20	0.022	ppbv		9.5	0.53	0.058	ug/m3
67-66-3	119.4	Chloroform	0.43	0.20	0.031	ppbv		2.1	0.98	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.28	0.20	0.029	ppbv		0.58	0.41	0.060	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	0.088	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.033	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.025	ppbv		ND	0.25	0.16	ug/m3
110-82-7	84.16	Cyclohexane	0.31	0.20	0.032	ppbv		1.1	0.69	0.11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	41.4 [a]	2.0	0.31	ppbv		168 [a]	8.1	1.3	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	33.6	0.20	0.028	ppbv		133	0.79	0.11	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.035	ppbv		ND	0.77	0.27	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.026	ppbv		ND	0.81	0.11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.050	ppbv		ND	0.92	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	0.23	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.49	0.20	0.037	ppbv		2.4	0.99	0.18	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.041	ppbv		ND	0.85	0.35	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.020	ppbv		ND	0.79	0.079	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.68	0.20	0.025	ppbv		2.7	0.79	0.099	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.035	ppbv		ND	0.91	0.16	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.030	ppbv		ND	0.24	0.18	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.019	ppbv		ND	0.60	0.11	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.020	ppbv		ND	0.91	0.091	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: SSV-3 (SUB-SLAB)
Lab Sample ID: JC8354-7 **Date Sampled:** 11/10/15
Matrix: AIR - Soil Vapor Comp. Summa ID: A443 **Date Received:** 11/12/15
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	7.3	0.50	0.17	ppbv		14	0.94	0.32	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	0.048	ppbv		ND	0.87	0.21	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.064	ppbv		ND	0.72	0.23	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.022	ppbv		ND	0.98	0.11	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.027	ppbv		ND	0.77	0.21	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.025	ppbv		ND	0.70	0.17	ug/m3
142-82-5	100.2	Heptane	0.14	0.20	0.029	ppbv	J	0.57	0.82	0.12	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.033	ppbv		ND	0.96	0.35	ug/m3
110-54-3	86.17	Hexane	7.6	0.20	0.028	ppbv		27	0.70	0.099	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.044	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	2.2	0.20	0.12	ppbv		5.4	0.49	0.29	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.3	0.20	0.049	ppbv		6.8	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.027	ppbv		ND	0.82	0.11	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.026	ppbv		ND	0.72	0.094	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.030	ppbv		ND	0.82	0.12	ug/m3
115-07-1	42	Propylene	41.5 [a]	5.0	0.81	ppbv		71.3 [a]	8.6	1.4	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.026	ppbv		ND	0.85	0.11	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	205 [a]	1.0	0.32	ppbv		1120 [a]	5.5	1.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.030	ppbv		ND	0.69	0.21	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.036	ppbv		ND	0.55	0.20	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.044	ppbv		ND	0.74	0.33	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	0.023	ppbv		ND	0.98	0.11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.030	ppbv		ND	0.98	0.15	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.0	0.20	0.021	ppbv		4.7	0.93	0.098	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.050	ppbv		ND	0.61	0.15	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.87	0.040	0.024	ppbv		5.9	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	7.8	0.20	0.043	ppbv		23	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	0.086	0.20	0.020	ppbv	J	0.32	0.75	0.075	ug/m3
79-01-6	131.4	Trichloroethylene	5.6	0.040	0.025	ppbv		30	0.21	0.13	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.25	0.10	0.020	ppbv		1.4	0.56	0.11	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.032	ppbv		ND	0.10	0.082	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.055	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	ND	0.20	0.043	ppbv		ND	0.87	0.19	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	0.11	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	0.11	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%	104%	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:	SSV-3 (SUB-SLAB)		
Lab Sample ID:	JC8354-7	**Date Sampled:**	11/10/15
Matrix:	AIR - Soil Vapor Comp. Summa ID: A443	**Date Received:**	11/12/15
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:	SSV-3 (AMBIENT)		
Lab Sample ID:	JC8354-8	**Date Sampled:**	11/10/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A761	**Date Received:**	11/12/15
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	5W14650.D	1.55	11/17/15	TCH	n/a	n/a	V5W586
Run #2	5W14665.D	1.55	11/18/15	TCH	n/a	n/a	V5W587

	Initial Volume
Run #1	620 ml
Run #2	200 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	4.7	0.20	0.032	ppbv		11	0.48	0.076	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.031	ppbv		ND	0.44	0.069	ug/m3
71-43-2	78.11	Benzene	0.31	0.20	0.030	ppbv		0.99	0.64	0.096	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.032	ppbv		ND	0.67	0.21	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.020	ppbv		ND	0.41	0.21	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.022	ppbv		ND	0.78	0.085	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.020	ppbv		ND	0.87	0.087	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.026	ppbv		ND	1.0	0.13	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	0.090	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.032	ppbv		ND	0.92	0.15	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.022	ppbv		ND	0.53	0.058	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.031	ppbv		ND	0.98	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.36	0.20	0.029	ppbv		0.74	0.41	0.060	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	0.088	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.033	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.025	ppbv		ND	0.25	0.16	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.032	ppbv		ND	0.69	0.11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.031	ppbv		ND	0.81	0.13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.10	0.035	ppbv		ND	0.77	0.27	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.026	ppbv		ND	0.81	0.11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.050	ppbv		ND	0.92	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.063	ppbv		ND	0.72	0.23	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.33	0.20	0.037	ppbv		1.6	0.99	0.18	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.041	ppbv		ND	0.85	0.35	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.020	ppbv		ND	0.79	0.079	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.20	0.20	0.025	ppbv		0.79	0.79	0.099	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.035	ppbv		ND	0.91	0.16	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.030	ppbv		ND	0.24	0.18	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.019	ppbv		ND	0.60	0.11	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.020	ppbv		ND	0.91	0.091	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: SSV-3 (AMBIENT)
Lab Sample ID: JC8354-8 **Date Sampled:** 11/10/15
Matrix: AIR - Ambient Air Comp. Summa ID: A761 **Date Received:** 11/12/15
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	0.17	ppbv		13	0.94	0.32	ug/m3
100-41-4	106.2	Ethylbenzene	0.52	0.20	0.048	ppbv		2.3	0.87	0.21	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.064	ppbv		ND	0.72	0.23	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.34	0.20	0.022	ppbv		1.7	0.98	0.11	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.027	ppbv		ND	0.77	0.21	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.025	ppbv		ND	0.70	0.17	ug/m3
142-82-5	100.2	Heptane	0.71	0.20	0.029	ppbv		2.9	0.82	0.12	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.033	ppbv		ND	0.96	0.35	ug/m3
110-54-3	86.17	Hexane	0.55	0.20	0.028	ppbv		1.9	0.70	0.099	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.044	ppbv		ND	0.82	0.18	ug/m3
67-63-0	60.1	Isopropyl Alcohol	60.6 [a]	0.62	0.37	ppbv		149 [a]	1.5	0.91	ug/m3
75-09-2	84.94	Methylene chloride	0.20	0.20	0.13	ppbv		0.69	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.3	0.20	0.049	ppbv		9.7	0.59	0.14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.027	ppbv		ND	0.82	0.11	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.026	ppbv		ND	0.72	0.094	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.030	ppbv		ND	0.82	0.12	ug/m3
115-07-1	42	Propylene	0.94	0.50	0.081	ppbv		1.6	0.86	0.14	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.026	ppbv		ND	0.85	0.11	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.032	ppbv		ND	0.55	0.17	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.10	0.030	ppbv		ND	0.69	0.21	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.036	ppbv		ND	0.55	0.20	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.044	ppbv		ND	0.74	0.33	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.2	0.20	0.023	ppbv		5.9	0.98	0.11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.37	0.20	0.030	ppbv		1.8	0.98	0.15	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	62.1 [a]	0.62	0.066	ppbv		290 [a]	2.9	0.31	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.29	0.20	0.050	ppbv		0.88	0.61	0.15	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.13	0.040	0.024	ppbv		0.88	0.27	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.043	ppbv		ND	0.59	0.13	ug/m3
108-88-3	92.14	Toluene	6.7	0.20	0.020	ppbv		25	0.75	0.075	ug/m3
79-01-6	131.4	Trichloroethylene	0.087	0.040	0.025	ppbv		0.47	0.21	0.13	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.18	0.10	0.020	ppbv		1.0	0.56	0.11	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.032	ppbv		ND	0.10	0.082	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.055	ppbv		ND	0.70	0.19	ug/m3
	106.2	m,p-Xylene	1.7	0.20	0.043	ppbv		7.4	0.87	0.19	ug/m3
95-47-6	106.2	o-Xylene	0.68	0.20	0.026	ppbv		3.0	0.87	0.11	ug/m3
1330-20-7	106.2	Xylenes (total)	2.3	0.20	0.026	ppbv		10	0.87	0.11	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%	102%	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:	SSV-3 (AMBIENT)		
Lab Sample ID:	JC8354-8	**Date Sampled:**	11/10/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A761	**Date Received:**	11/12/15
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

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

AIR

9097
9145

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

Air Sampling Field Data Sheet

FED-EX Tracking # 6514 9162 9134 | Bottle Order Control # MS-10119/2015-513 | PAGE 1 OF 1 | Lab Quote # | Lab Job # JC8354

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): Rick Brown

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

Weather Parameters

Temperature (Fahrenheit): Start: 53 Maximum: 54 Stop: 54 Minimum: 53
Atmoshpheric Pressure (inches of Hg): Start: 30.20 Maximum: 30.20 Stop: 29.97 Minimum: 29.87
Other weather comment: Ft Plain Station 60845

Requested Analysis

Standard TO-15 Reporting List | VT015NYLL | VT015NYSVL

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.	Standard TO-15 Reporting List	VT015NYLL	VT015NYSVL
-1	SSV-1 (sub-slab)	SV	A239	6L	644	11-10-15	0727	29	65	RB	11-10-15	1524	6.5	65	RB	X	X	X
-2	SSV-1 (Ambient)	A	A1019		556		0726	29	65	RB		1523	7.0	65	RB	X	X	X
-3	SSV-2 (sub-slab)	SV	A1053		196		0735	30+	65	RB		1530	8.0	65	RB	X	X	X
(R)	~~SSV-2 (Ambient)~~	A																
-4	Reception (Ambient)	A	A1205		596		0730	30	65	RB		1525	7.0	65	RB	X	X	X
-5	Lounge (Ambient)	A	A370		582		0731	27	65	RB		1526	5.0	65	RB	X	X	X
-6	Outdoor (Ambient)	A	A293		607		0733	30	53	RB		1527	8.0	54	RB	X	X	X
-7	SSV-3 (sub-slab)	SV	A443		270		0724	30	60	RB		1520	7.0	60	RB	X	X	X
-8	SSV-3 (Ambient)	SV	A761		581		0720	22.5	60	RB		1530	10.0	60	RB	X	X	X

Turnaround Time (Business days)

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

Approved By:
Date:

Data Deliverable Information

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

Comments / Remarks

INITIAL ASESSMENT
LABEL VERIFICATION Summa

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

Relinquished by Laboratory 1	Date Time:	Received By: 1	Relinquished By: 2	Date Time:	Received By: 2
Clay Mauriano	11/3/15 1500	FedEx	FedEx	11-4-15/1200	Mark Duncanson
Relinquished by 3: Rick Brown	Date Time: 11-10-15/1630	Received By: FedEx	11-11-15	Relinquished By: 4 FedEx	Date Time: 11/12/15 10:15
Relinquished by: 5	Date Time:	Received By: 5		Custody Seal # 262,264,266 Intact	Received By: 4 BVAssociates

JC8354: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JC8354 **Client:** **Project:**

Date / Time Received: 11/12/2015 10:15:00 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:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	0		

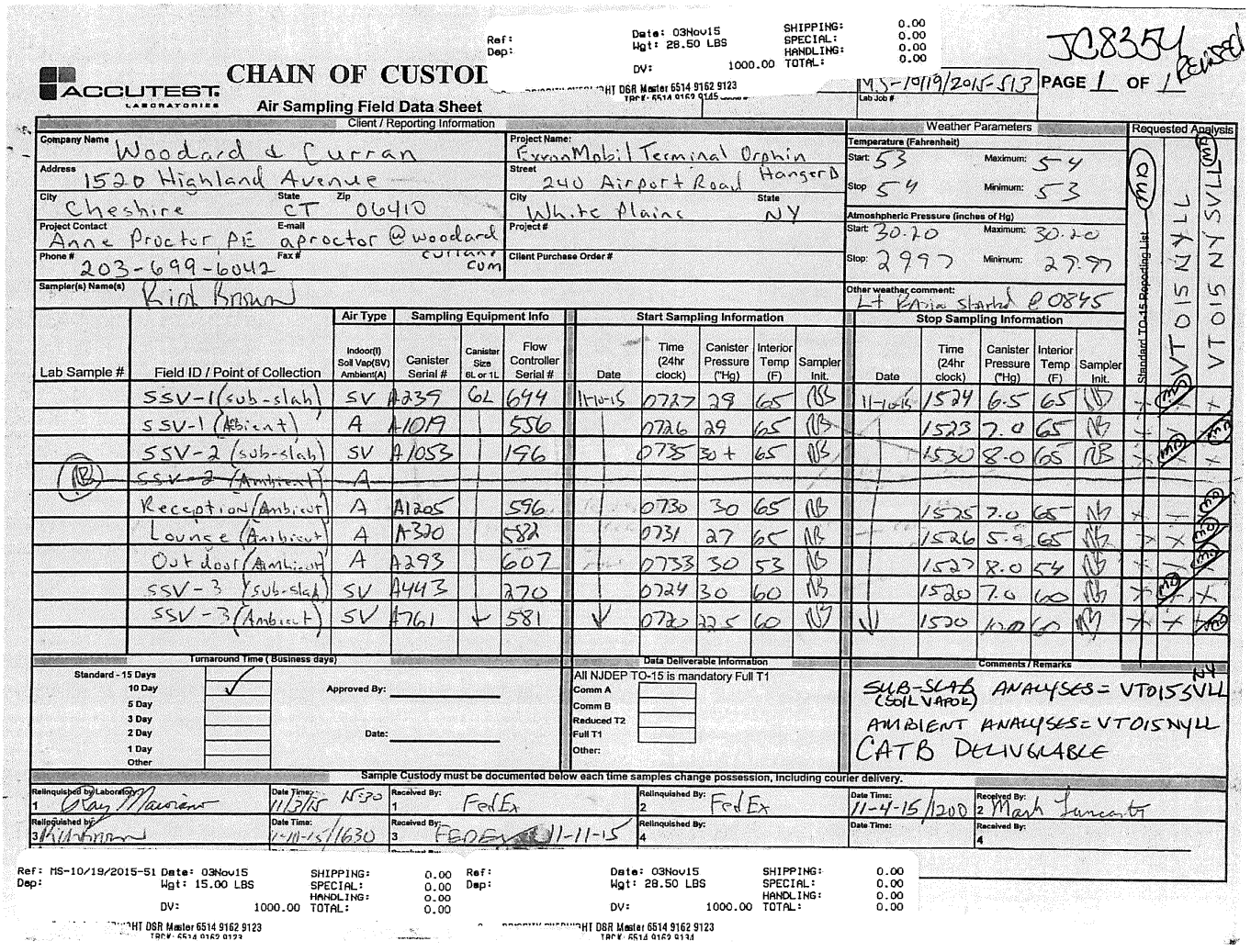
Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

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



CHAIN OF CUSTOL

ACCUTEST LABORATORIES

Air Sampling Field Data Sheet

Ref: MS-10/19/2015-513 Date: 03Nov15 Wgt: 28.50 LBS Dep: DV: 1000.00 SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00

JC8354 (Revised)

PAGE 1 OF 1

Lab Job #

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): Kirk Brown

Project Name: Exxon Mobil Terminal Orphin
Street: 240 Airport Road Hangar D
City: White Plains State: NY
Project #:
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit): Start: 53 Maximum: 54 Stop: 54 Minimum: 53
Atmoshpheric Pressure (inches of Hg): Start: 30.20 Maximum: 30.20 Stop: 29.97 Minimum: 29.97
Other weather comment: Lt Rain started @ 0845

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.	Standard TO-15 Reporting List	Requested Analysis: MS	VT015NYLL	VT015NYSVLL
	SSV-1 (sub-slab)	SV	A239	6L	644	11-10-15	0727	29	65	RB	11-10-15	1524	6.5	65	RB				
	SSV-1 (Ambient)	A	A109		556		0726	29	65	RB		1523	7.0	65	RB				
	SSV-2 (sub-slab)	SV	A1053		196		0735	30+	65	RB		1530	8.0	65	RB				
(R)	~~SSV-2 (Ambient)~~	~~A~~																	
	Reception (Ambient)	A	A1205		596		0730	30	65	RB		1525	7.0	65	RB				
	Lounge (Ambient)	A	A320		582		0731	27	65	RB		1526	5.9	65	RB				
	Out door (Ambient)	A	A293		607		0733	30	53	RB		1527	8.0	54	RB				
	SSV-3 (sub-slab)	SV	A443		270		0724	30	60	RB		1520	7.0	60	RB				
	SSV-3 (Ambient)	SV	A761		581		0720	22.5	60	RB		1520	10.0	60	RB				

Turnaround Time (Business days)

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

Approved By:
Date:

Data Deliverable Information

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

Comments / Remarks

SUB-SLAB (SOIL VAPOR) ANALYSES = VT015SVLL
AMBIENT ANALYSES = VT015NYLL
CAT B DELIVERABLE

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 Gary Marcinek	11/3/15 NSPO	1 FedEx	2 FedEx	11-4-15 1200	2 Mark Turcotte
Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3 Kirk Brown	11-11-15 1630	3 FEDEX 11-11-15	4		4

Ref: MS-10/19/2015-51 Date: 03Nov15 Wgt: 15.00 LBS Dep: DV: 1000.00 SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
HT DSR Master 6514 9162 9123
Ref: Date: 03Nov15 Wgt: 28.50 LBS Dep: DV: 1000.00 SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
HT DSR Master 6514 9162 9123

JC8354: Chain of Custody

Page 3 of 3

Summa Canister and Flow Controller Log

Job Number: JC8354
Account: WCMAD Woodard & Curran
Project: ExxonMobil Terminal Orphin, Hangar D, Westchester Airport, White Plains, NY
Received: 11/12/15

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
A239	6	29.4	11/03/15	RD	CP8022	W52305.D	JC8354-1	11/16/15	RD	7			1
A1019	6	29.4	11/03/15	RD	CP8022	W52305.D	JC8354-2	11/16/15	RD	8		1.2	1.48
A1053	6	29.4	11/03/15	RD	CP8022	W52305.D	JC8354-3	11/16/15	RD	7			1
A1205	6	29.4	11/03/15	RD	CP8022	W52305.D	JC8354-4	11/16/15	RD	7			1
A320	6	29.4	11/03/15	RD	CP8022	W52305.D	JC8354-5	11/16/15	RD	7.5			1
A293	6	29.4	11/03/15	RD	CP8022	W52305.D	JC8354-6	11/16/15	RD	7			1
A443	6	29.4	11/03/15	RD	CP8022	W52305.D	JC8354-7	11/16/15	RD	7			1
A761	6	29.4	11/03/15	RD	CP8022	W52305.D	JC8354-8	11/16/15	RD	9		1.2	1.55

FLOW CONTROLLERS / OTHER

Shipping					Receiving			
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Equipment Type
FC196	11/03/15	RD	9.4	8	11/17/15	RD	9.5	Flow Controller
FC270	11/03/15	RD	9.4	8	11/17/15	RD	9.6	Flow Controller
FC556	11/03/15	RD	9.4	8	11/17/15	RD	9.8	Flow Controller
FC581	11/03/15	RD	9.4	8	11/17/15	RD	9.7	Flow Controller
FC582	11/03/15	RD	9.4	8	11/17/15	RD	9.5	Flow Controller
FC596	11/03/15	RD	9.4	8	11/17/15	RD	9.7	Flow Controller
FC607	11/03/15	RD	9.4	8	11/17/15	RD	9.7	Flow Controller
FC644	11/03/15	RD	9.4	8	11/17/15	RD	9.6	Flow Controller

Accutest Bottle Order(s):
MS-10/19/2015-513

Prep Date	Room Temp(F)	Bar Pres "Hg
11/03/15	70	29.92

ATTACHMENT C

Soil Vapor Investigation Sampling Event of 11/10/2015

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-15	Nov-15	Nov-15	Nov-15	Nov-15	Nov-15	Nov-15	Nov-15
Chloroethane	<0.53	<0.53 J	<0.53	<0.53	<0.53 J	<0.53	<0.53	**9.5**
1,1-Dichloroethane	<0.81	<0.81 J	<0.81	<0.81	<0.81 J	<0.81	<0.81	**168**
1,1-Dichloroethylene	<0.79	<0.79 J	<0.79	<0.79	<0.79 J	<0.79	<0.79	**133**
cis-1,2-Dichloroethylene	<0.79	<0.79 J	<0.79	<0.79	**0.79**	<0.79	<0.79	**2.7**
trans-1,2-Dichloroethylene	<0.79	<0.79 J	<0.79	<0.79	<0.79 J	<0.79	<0.79	<0.79
1,1,1-Trichloroethane	<0.55	<0.55 J	<0.55	<0.55	<0.55 J	**3.7**	**2.5**	**1120**
Tetrachloroethylene	**0.88**	**0.24 J**	**0.43**	**1.1**	**0.88**	**2.0**	**19**	**5.9**
Trichloroethylene	**2.5**	<0.21 J	**0.47**	**0.97**	**0.47**	**0.26**	**0.81**	**30**
Vinyl chloride	<0.10	<0.10 J	<0.10	<0.10	<0.10 J	<0.10	<0.10	<0.10

All results are in micrograms per cubic meter.

Samples nominally collected over 8 hours 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".

Recommended Action is "Monitor".

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**
Chloroethane	<0.53	<0.53	<4.2	<0.42	<0.88	<0.53	<2.1	<0.53	<0.53
1,1-Dichloroethane	<0.81	<0.81	<6.5	<0.64	<1.4	<0.81	<3.2	<0.81	<0.81
1,1-Dichloroethylene	<0.79	<0.79	<6.3	<0.63	<1.3	<0.79	<3.2	<0.79	<0.79
cis-1,2-Dichloroethylene	<0.79	<0.79	<6.3	<0.63	<1.3	<0.79	<3.2	<0.79	<0.79
trans-1,2-Dichloroethylene	<0.79	<0.79	<6.3	<0.63	<1.3	<0.79	<3.2	<0.79	<0.79
1,1,1-Trichloroethane	<1.1	**2.7**	<8.7	<0.86	<1.8	**2.7**	<2.2	**5.3**	**3.7**
Tetrachloroethylene	**1.3 J**	**11**	<11	**1.3**	**14**	**5.3**	**1.0**	**10**	**2.0**
Trichloroethylene	<1.1	**9.1**	<8.6	**15**	**1.2**	**3.7**	<0.86	<0.21	**0.26**
Vinyl chloride	<0.51	<0.51	<4.1	**0.039 J**	<0.086	<0.10	<0.41	<0.10	<0.10

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**
Chloroethane	<4.2	<2.6	<4.2	<0.42	<0.52	<0.53	<2.1	<0.53	<0.53
1,1-Dichloroethane	<6.5	<4	<6.5	<0.64	<0.79	<0.81	<3.2	**1.4**	<0.81
1,1-Dichloroethylene	<6.3	<4	<6.3	<0.63	<0.78	<0.79	<3.2	<0.79	<0.79
cis-1,2-Dichloroethylene	<6.3	<4	<6.3	<0.63	<0.78	<0.79	<3.2	<0.79	<0.79
trans-1,2-Dichloroethylene	<6.3	<4	<6.3	<0.63	<0.78	<0.79	<3.2	<0.79	<0.79
1,1,1-Trichloroethane	**3.2 J**	**2.9 J**	<8.7	<0.86	**3.4**	<0.55	<2.2	**6.5**	**2.5**
Tetrachloroethylene	**33**	**59**	**52**	**3.9**	**3.9**	**6.7**	<1.1	**361**	**19**
Trichloroethylene	<8.6	**7**	<8.6	**28**	**3.4**	**1.4**	<0.86	**18**	**0.81**
Vinyl chloride	<4.1	<2.6	<4.1	<0.040	<0.050	<0.10	<0.41	<0.10	<0.10

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

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.

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)

STAIRCASE

Boiler

LOUNGE (Ambient)

SSV-2 (Sub-Slab)

RECEPTION (Ambient)

SSV-1 (Sub-Slab)

SSV-1 (Ambient)

VP5
VP10
VP9

2 poly 30 gal. drums of Jet fuel

Fire Cabinet

SOURCE AREA REMEDIATION SYSTEM (SOIL VAPOR EXTRACTION)

VP4
VP8
SVE-1
VW2
VP2
VP7
VP1
VW1
SVE-3
SSV-3
SVE-2
VP6
FLOOR DRAIN
FLOOR DRAIN
VP3
SVE-4

Hanger area box of materials

INTERIOR WALL

SSV-3 (Sub-Slab)

SSV-3 (Ambient)

SVE-5

INTERIOR WALL

Waste drums

Boiler

Product Inventory Site Plan
11-09-2015

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

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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

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 Rich Brown Date/Time Prepared 11-09-15 / 1500

Preparer's Affiliation GES/Consultant Phone No. 866-839-5195

Purpose of Investigation Additional testing per approved work plan

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: Landmark Aviation First Name: _____

Address: 240 Airport Road

County: Westchester

Home Phone: _____ Office Phone: 919-761-3000

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:_____

If multiple units, how many? NA

If the property is commercial, type?

Business Type(s) Hangar- Airline use

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

Other characteristics:

Number of floors 2 Building age_72

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

Upstairs then lobby (1st floor) entrance

Airflow near source

Lounge- from lounge area to office above reception area into vent (ceiling)
Hangar- heating ducts near north corner of hangar, ceiling fans noted, flow is generally upwards.

Outdoor air infiltration

Near hangar doors

Infiltration into air ducts

Vertical towards 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: NA	wet	damp	dry	moldy
i. The basement is: NA	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 which are plumbed to the sump located between the hangar bays; expansion joints; MWs; boring patches; seams along walls; conduits; utility vaults and 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: Current Fuel Oil, Future planned conversion to natural gas, observed pipeline installation

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.

Heating vents in opposite corners of the hangar, duct work is exposed and joint appears to be tight; Ducts in office area are in 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	Office spaces, lounge area w/kitchen, storage and washroom, hanger bay
2nd Floor	Office space
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Hanger 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? Perimeter of hangar

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

h. Have cleaning products been used recently? (Y) / N When & Type? Household type, hangar/ lounge area- used daily

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: Jet exhaust

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 thinner

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
Note- SVE system inactive at the time of testing

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:

N/A.

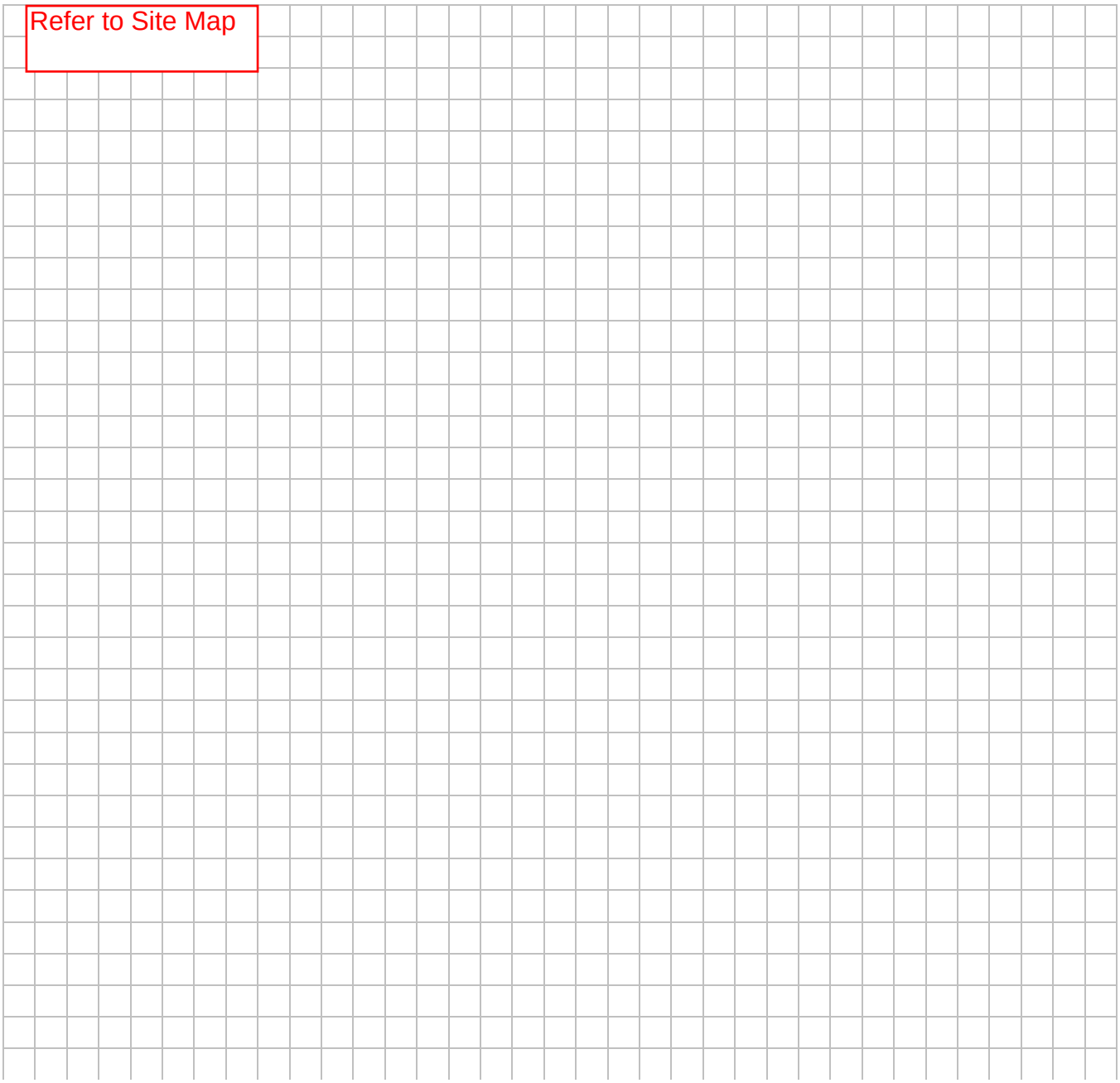
First Floor:

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.



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 door area	Formula 815	2.5 gal	Used (U)	See Manufacturer	0.0	Y
Hangar door area	Jet fuel drum	55 gal	U	See Manufacturer	0.0	Y
Hangar door area	Used oil drum	55 gal	U	See Manufacturer	0.0	Y
See Site Plan	Jet Fuel	2-30 gal poly drums	U	See Manufacturer	0.0	Y
Hanger Area - box	STP	15 oz.	U	See Manufacturer	0.0	Y
Hanger Area - box	Wasp killer	12 oz.	U	See Manufacturer	0.0	Y
Hanger Area - box	Glass container – unknown fluid	1 gal.	U	unknown	0.0	Y
Hanger Area - box	Spray Paint	12 oz.	U	See Manufacturer	0.0	Y
See Site Plan	Fire cabinet			Photos taken	0.8	Y
Overhead door	Super vac	32 oz.	UO; 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.

11-9-15 [illegible] Day-1
Clear 60°F
1345 - [illegible] on site
- sign [illegible]
- PPE / [illegible] / [illegible]
- permit
1430 - escort out. Delay due to NY Nicks [illegible].

note: p/u equipment @ ERS in A.m. prior to arrival.

- Complete Inventory

notes: see photo's
- there is a Gas powered snow blower parked inside doorway to reception area. see photo
- there is signs of recent sub slab repairs to fire fighting water supply - see photo
- there is an automated walk behind floor cleaner inside closet where SSU-2 is. see photo

1630 - [illegible] off site

11-10-15 Hazard D Data Cont.
overcast 53°F
0530 - NB onsite
- escort out
- establish pwd
- PPE / SSA? / [illegible]

Test VP's via helium tracer

SSV-1
- purge @ .2 L/min Depth is approx 1' BGS
- no chemicals used in area
- heat is on
- weather is overcast 53°F outside 65°F in office
- no air flow w/ door to office closed if open flow goes out door
- test w/ helium - PASS.

SSV-2
- purge @ .2 L/min Depth is approx 1' BGS
- there is a walk behind floor cleaner stored inside closet - 0.0 ppm of unit. NMB can smell floor stripper or cleaner inside closet.

2/2

SSV-2 cont
- weather is 53°F outside and 65°F in closet.
- no air flow
- heat is on
- test w/ helium - PASS

SSV-3
- purge @ 0.2 L/min Depth is approx 1' BGS
- no chemicals in area directly around pt.
- heat is on
- weather is overcast 53°F outside 60°F inside hangar.
- flow is toward hangar bay door.
- several jets are parked in area of SSV-3.
- test w/ helium - PASS

Location	Sampler	Start time Date	Method	Purge	VACs/S
SSV-1 (A)	NB	0726 11-10-15	8/hr Summa 6L	N/A	29/ 7.0
SSV-1 (SS)		0727		0.6 L	29 6.5
SSV-2 (SS)		0735		0.6 L	30+/ 8.0
SSV-3 (A)		0720		N/A	[illegible] 10.0
SSV-3 (SS)		0724		0.6 L	30/ 7.0
Rec		0730		N/A	30/ 7.0
lounge		0731			27/ 5.0
outdoor		0733			30/ 8.0

1530 - P/U summas
1600 - NB offsite

ATTACHMENT D

Data Usability Summary

Laboratory Packages JC8794 and JC8354

ExxonMobil Terminal Orphin, Hangar D

Westchester Airport

White Plains, NY

Introduction

Review has been completed for the data packages generated by Accutest Laboratories that pertain to groundwater samples collected 11/12/15 and 11/13/15 and air samples collected 11/10/2015 at the Hangar D site. The November sampling event included thirty-two 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 the summary form information, with review of 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. 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 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 temperatures of 3.0°C to 3.2°C were within the acceptance criteria of 4 ± 2°C. Therefore, 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. For sample MW-13, tetrachloroethene was recovered above the calibration limits, and was re-analyzed at dilution. The diluted analysis was run outside of hold time and the value reported for tetrachloroethene must therefore be considered estimate.

Surrogate recoveries are within validation action guidelines.

Calibration standard responses associated with the project samples were acceptable.

Matrix spike recoveries reported for MW-03 and MW-13 show acceptable accuracy and precision. Other MS/MSD recoveries were obtained using samples unassociated with the Hangar D site, and recoveries do not reflect the reported data. Spiked blank recoveries are acceptable.

Blind field duplicate correlations for MW-02 and MW-20 had variance calculated to determine precision, with the MDL value being used when no positive confirmation was reported. The analytical results show good precision, with relative percent differences (RPDs) falling within the laboratory-established criteria for detected analytes with the exception of three analytes in MW-02. 1,1,1-Trichloroethane, trichloroethene, and vinyl chloride show variance RPDs above 120% of the maximum level established by the laboratory. The analytical results for these analytes in MW-02 are therefore qualified as estimated (J).

A laboratory duplicate sample associated with MW-03 was also analyzed. Acetone in the duplicate had an RPD variance from the original sample outside of laboratory-established criteria, therefore the result for acetone is qualified as estimated.

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

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

Samples were received by the laboratory in good condition, with the pressure in the summa canisters at or below the recommended 8” Hg with the exception of the samples SSV-1 (Ambient) and SSV-3 (Ambient) which were received at or above 8” Hg. The elevated pressure required a dilution factor of 1.48 for SSV-1 and 1.55 for SSV-3 to be introduced. These minimal dilution factors only impact the

analytes reported as non-detect, rendering them as estimated non-detects at the reported levels. Historical data, if available, should be reviewed in reference to any questionable non-detect value.

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-1 (Ambient) showed a precision issue where the RPD calculated between the original and the duplicate result for ethyl acetate exceeded the laboratory-established criteria. The reported ethyl acetate value is therefore qualified as estimated.

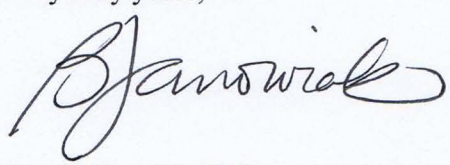
Summary

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:

- SSV-1 (Ambient) results for ethyl acetate should only be considered estimated (J).
- The ethyl alcohol result reported in the Lounge (Ambient) sample should be considered a minimum value (J-).
- Tetrachloroethene concentration in MW-13 should be considered estimated.
- The 1,1,1-trichloroethane, trichloroethene, and vinyl chloride concentrations in MW-02 should be considered estimated (J).
- The acetone concentration reported for sample MW-03 is an estimated value (J).
- The data user should consider the ambient air non-detects reported for SSV-1(Ambient) and SSV-3 (Ambient) 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,



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