

EBIZNEWDOC



EBIZNEWDOC

Write or Copy/Paste Document Title In This Space

Report.HW.360037.2009-05-11.Report_of_Findings_for_Sup
pl._Potassium_Permanganate_Application

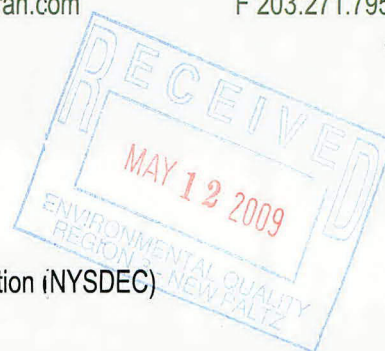
DO NOT PHOTOCOPY. PRINT FROM PDF VERSION ONLY.



EBIZNEWDOC



EBIZNEWDOC



May 11, 2009



Ms. Michelle Tipple
New York State Department of Environmental Conservation (NYSDEC)
Region 3
21 South Putt Corners Road
New Paltz, NY 12561

Subject: Report of Findings for a Supplemental Potassium Permanganate Application
Hangar D, Westchester County Airport
White Plains, New York

Dear Ms. Tipple:

On behalf of ExxonMobil, herein is the Report of Findings for the supplemental potassium permanganate application conducted at Hangar D of the Westchester County Airport in November and December 2008. The supplemental application was done in accordance with the October 22, 2008 Revised Work Scope for a Supplemental Potassium Permanganate Application approved by the New York State Department of Environmental Conservation (NYSDEC) on October 24, 2008 and Underground Injection Control (UIC) Permit UICID 09NY11904002 issued by the United States Environmental Protection Agency (USEPA) on November 3, 2008.

1.0 BACKGROUND / REMEDIAL ACTIVITIES CONDUCTED

As proposed in the January 2003 Remedial Design/Remedial Action Plan (RDRAP), soil vapor extraction (SVE) was selected as the remedial alternative for volatile organic compounds (VOCs) found in site soils and in-situ oxidation using potassium permanganate was selected as the remedial alternative for VOCs in groundwater at the site. In 2004, a SVE system was installed and started-up to remediate impacted soils above the water table where they were found in the vicinity of well MW-02. In August 2001, a pilot test was conducted when approximately 800 pounds of potassium permanganate was injected into the subsurface in two separate application areas, near wells MW-01 and MW-02 (refer to Figure 1).

Post-application groundwater sampling results collected one month after potassium permanganate injection indicated a reduction in overall VOC concentrations in the overburden and shallow bedrock wells in both areas. However, results from samples collected three months after application indicated some rebound of contaminant concentrations in the MW-01 area. Due to an overall reduction in groundwater contaminant concentrations achieved from the first pilot test, a second potassium permanganate application was conducted in the same areas in September 2004. Again, results from samples collected three months after the application indicated rebound of contaminant concentrations in the MW-01 area. Historic ground water concentrations of VOCs in site wells are provided in Table 1 and a site map showing the application areas is included as Figure 1. Refer to the most recent¹ Quarterly Progress Report for additional site information.

Since remedial progress is apparent in the MW-02 area (refer to Table 1), a supplemental application of potassium permanganate was proposed to target the MW-01 area.

¹ April 9, 2009 as of this writing.



2.0 FIELD ACTIVITIES

Field activities for the supplemental potassium permanganate application were conducted between November 2008 and February 2009, and activities included a pre-application investigation in the MW-01 area, the potassium permanganate application, and post-application sampling in December 2008 and February 2009.

2.1 Pre-Application Investigation

A pre-application investigation was conducted in which seven soil borings were advanced and five test points were installed upgradient (to the north) and near well MW-01.

On November 11, 2008, the concrete hangar floor was cored at seven locations and on November 12 and 13, 2008, each core location was investigated with a hand-auger to ensure the locations were clear of utilities. On November 22 and 23, 2008, soil borings were advanced from the ground surface to refusal at each cored location. Boring location B-3/IP-3 had refusal at 6 feet and no soil recovery. Another boring location, B-6, had refusal above the water table at 9 feet. These two locations are believed to be along a bedrock ridge and were backfilled. The remaining five boring locations (IP-1, IP-2, MW-12, MW-13, and MW-14) were advanced to below the water table. Continuous soil samples were collected in acetate sleeves, visually classified, and screened for VOCs using a photoionization detector. One soil sample was collected from each boring location for VOC analysis, and one additional soil sample was also collected from the southern-most boring location, MW-14, for Permanganate Natural Oxidant Demand (PNOD) testing.

After the boring was completed, a 2-inch PVC test point was installed within each of the five borings able to be completed below the water table: IP-1, IP-2, MW-12, MW-13, and MW-14. The test points were set at the top of bedrock (approximately 15 feet below the hangar floor) with 10 feet of 2" dia. 10-slot PVC screen and #1 sand pack. Groundwater samples were collected from the five test points and analyzed for VOCs and field groundwater quality parameters (dissolved oxygen, oxidation-reduction potential, pH, temperature, conductivity).

Soil and groundwater samples were submitted to Accutest Laboratories in Dayton, New Jersey. Accutest subcontracted the PNOD test to Carus Corporation in Peru, Illinois.

Boring and well logs are included in Attachment A and locations are depicted on Figure 1. A summary of the pre-application investigation results is provided in Table 2 and the analytical laboratory reports are included in Attachment B.

2.2 Supplemental Potassium Permanganate Application

Once the pre-application investigation was complete, work proceeded for the supplemental potassium permanganate application. The powdered potassium permanganate, purchased from Carus Corporation, was premixed with water in a 200-gallon tank and applied to the subsurface with a high-pressure grout pump. The set-up was placed on plastic sheeting to mitigate any spills. Potassium permanganate was added to test points/wells IP-1, IP-2, MW-8D, and MW-12 (refer to Figure 1).

The primary potassium permanganate application was conducted on November 25, 2008; however, the injection went much slower than planned. Approximately 85 pounds of potassium permanganate in 200 gallons of water (5% solution to mitigate heat generation) was applied to the



subsurface at four locations over the course of the day. Following this day of application, a partial container (approximately 25 pounds) of potassium permanganate was left over. With permission from the NYSDEC and USEPA (electronic correspondence of December 9 and 10, 2008), the partial container of potassium permanganate was applied to the subsurface as a slurry in 70 gallons of water (4% solution) by gravity in the same locations as the primary application on December 15, 2008. A summary of the potassium permanganate application is provided in Table 3.

Unopened containers of potassium permanganate were returned to the chemical supplier.

2.3 Post-Application Monitoring

Post-application groundwater monitoring was conducted on December 19, 2008 and February 24, 2009. Field groundwater quality parameters (dissolved oxygen, oxidation-reduction potential, pH, temperature, conductivity) were measured and groundwater samples were collected and analyzed from monitoring wells routinely sampled, and any test points/wells that did not have active permanganate in groundwater as indicated by a purple to pink color. Groundwater samples were analyzed for VOCs by EPA Method 8260.

On December 19, 2008, groundwater in test points/wells IP-1, IP-2, MW-8D, MW-12 had a purple color indicative of active permanganate. Monitoring wells and test points GP-02, GP-03, MW-01, MW-02, MW-03, MW-04, MW-07S, MW-07D, MW-08S, MW-09S, MW-09D, MW-10S, MW-10D, MW-13, and MW-14 were sampled for laboratory analysis of VOCs. (Note: Well couplet MW-11S/D was in an active construction zone and the wells have been lost.)

On February 24, 2009, groundwater in wells MW-8D and MW-12 still had a purple color indicative of active permanganate, groundwater in test point IP-2 had an initial pink color that quickly cleared, and groundwater in test point IP-1 was colorless. Monitoring wells and test points IP-1, IP-2, GP-02, GP-03, MW-01, MW-02, MW-03, MW-04, MW-07S, MW-07D, MW-08S, MW-09S, MW-09D, MW-10S, MW-10D, MW-13, and MW-14 were sampled for laboratory analysis of VOCs.

Groundwater results are provided in Table 1. Analytical laboratory reports are included in Attachment B.

3.0 RESULTS

Ground water monitoring wells and test points were gauged on December 19, 2008 and February 24, 2009 to develop groundwater contour maps. Ground water contour maps from these events (Figures 2 and 3) depict ground water flow to the southwest with localized mounding associated with the potassium permanganate application in the MW-01 area.

Analytical results from the pre-application investigation conducted in November 2008 are summarized in Table 2. Only three VOCs were detected in soil samples: Tetrachloroethene, and cis- and trans-1,2-Dichloroethene. Total VOCs in soil samples were minimal, ranging from an estimated value of 2.7 micrograms per kilogram (ug/kg) in soil from the boring for well MW-14 to below method detection limits in soil from the borings for IP-1 and MW-13 (refer to Figure 4). Nine VOCs were detected in ground water samples including Chloroform, 1,1-Dichloroethane, 1,1-Dichloroethene, cis- and trans-1,2-Dichloroethene, Tetrachloroethene, 1,1,1-Trichloroethane, Trichloroethene, and Vinyl chloride. Total VOCs in groundwater ranged from 35 micrograms per



liter (ug/L) in well MW-12 to 288 ug/L in well MW-13 (refer to Figure 5). Of the 288 ug/L total VOCs in well MW-13, Tetrachloroethene was 199 ug/L.

One soil sample from the boring for well MW-14 was submitted for PNOD testing. This test assesses the ambient oxidant demand and assists in predicting the total amount of chemical oxidant that will be needed to remediate a given area. The PNOD for the sample from the MW-14 boring location was 5.6 g/kg.

Post-application ground water sample results from December 23, 2008 and February 24, 2009, as well as historic groundwater analytical data, are included in Table 1. Ground water results for the December 23, 2008 and February 24, 2009 sampling events are graphically depicted on Figure 5. Overall, post-application concentrations (February 2009) of total VOCs in ground water decreased an average of 10% in the MW-01 area compared to pre-application concentrations (September 2008, refer to Table 1).

Laboratory analysis of VOCs in groundwater in new and existing sample locations indicate a possible upgradient source of Tetrachloroethene, with the highest concentration of the chemical in new well MW-13 along the northwest hangar wall (refer to Figure 5). Concentrations of degradation products of Tetrachloroethene (Trichloroethene, 1,1-Dichloroethene, cis- and trans-1,2-Dichloroethene, and Vinyl Chloride) were also found at the highest concentrations in downgradient wells indicative of a mature plume from an upgradient source of Tetrachloroethene (refer to Table 4).

4.0 CONCLUSIONS

As of the February 2009 monitoring event, evidence of active potassium permanganate (purple to pink color in ground water) persisted in three of the four test points/wells used for the November/December 2008 application. Post-application concentrations (February 2009) of total VOCs in ground water decreased an average of 10% in the MW-01 area compared to pre-application concentrations (September 2008). VOC trends in groundwater will continue to be monitored on a quarterly basis per the prevailing monitoring program for the site. The next quarterly ground water monitoring event will occur in May 2009.

The highest concentrations of Tetrachloroethene for the November 2008, December 2008 and February 2009 monitoring events were detected in the new upgradient well MW-13 along the northwest hangar wall, and the concentrations of degradation products of Tetrachloroethene in downgradient wells support the premise that there is a source of Tetrachloroethene upgradient of the MW-01 area.



ExxonMobil proposes to meet with the NYSDEC to discuss results from the supplemental potassium permanganate application, the possible upgradient source of Tetrachloroethene, and the site status. I will contact you by telephone to coordinate a site review meeting.

Please let me know if I can provide any additional information to facilitate your review of this report. Thank you for your time and assistance.

Sincerely,

WOODARD & CURRAN INC.

Anne E. Proctor, PE
Sr. Project Manager

cc: M. Lamarre – ExxonMobil
N. Walz – NYSDOH
M. Parletta - Westchester County Airport
E. Faulkner, R. Martinez - Landmark Aviation
M. DeGloria - GES

Attachments:

Tables:

- Table 1: Ground Water Results
- Table 2: Pre-Application Investigation Results (November 22-23, 2008)
- Table 3: Potassium Permanganate Additions
- Table 4: Analysis of Post-application Ground Water Results (February 24, 2009)

Figures:

- Figure 1: Site Plan
- Figure 2: Ground Water Contours – December 19, 2008
- Figure 3: Ground Water Contours – February 24, 2009
- Figure 4: Soil Sampling Results – Pre-application – November 23, 2008
- Figure 5: Ground Water Sampling Results
- Attachment A: Boring and Well Logs
- Attachment B: Analytical Laboratory Reports

0206924.03.003

TABLES

TABLES



TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
IP-1	11/23/08	0.22 U	0.24 U	0.29 U	0.35 U	30.2	3.0	0.24 U	0.29 U	0.18 U	2.3	17.2	0.16 U	53
	2/24/09	0.22 U	0.83 J	0.29 U	0.35 U	6.4	0.16 J	0.24 U	0.29 U	0.18 U	1.5	0.16 U	0.16 U	9
Application Area														
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
IP-2	11/23/08	0.22 U	4.5	0.38 J	0.35 U	60.8	5.9	0.42 J	15.8	6.6	0.4 J	10.1	0.16	105
	2/24/09	0.22 U	8.5	0.67 J	0.35 U	177	21.2	0.24 U	2	3.3	3.3	0.16 U	0.16 U	216
Application Area														
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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
Application Area														
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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
	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
Application 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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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
	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
Application Area	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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
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	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	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
NYSDEC Class GA														
Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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
NYSDEC Class GA														
Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-03	10/23/96	7.3	1.4	0.2 U	0.2 U	2	0.2 U	0.2 U	0.2	0.2 U	1.3	NA	0.2 U	12
Downgradient Area	11/21/96	7.1	1	0.2 U	0.2 U	2	0.2 U	0.2 U	0.3	0.2 U	0.7	NA	2	13
	7/24/97	7	2 U	1 U	2 U	2	2 U	1 U	1 U	1 U	2 U	NA	2 U	9
	12/16/97	3 U	2 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	2 U	NA	2 U	0
	8/12/98	11	2 J	1 U	2 U	8	2 U	2 U	1 U	1 U	2 U	NA	2 U	21
	11/22/99	8	2 U	1 U	2 U	6	2 U	1 U	1 U	1 U	2 U	NA	2 U	14
	7/12/00	7	5 U	5 U	5 U	8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15
	10/25/00	5 U	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6
	3/28/01	6	5 U	5 U	5 U	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	18
	2/07/02	4.5 J	4.2 J	2 U	2 U	9.8	5 U	5 U	1 U	1 U	2.9	5 U	2 U	21
	5/08/02	2.9 J	0.66 J	2 U	2 U	4.4 J	5 U	5 U	1 U	1 U	2.3	5 U	2 U	10
	8/29/02	4.1 J	5 U	2 U	2 U	1.9 J	5 U	5 U	1 U	1 U	1.8	5 U	2 U	8
	11/13/02	2.5 J	0.089 U	0.49 U	0.57 U	3.2 J	0.18 U	0.094 U	0.39 U	0.16 U	1.2	0.18 U	0.53 U	7
	2/12/03	3.6 J	0.089 U	0.49 U	0.57 U	NA	0.18 U	0.094 U	0.39 U	0.16 U	2.1	0.18 U	0.53 U	6
	5/14/03	2.3	U	U	U	NA	U	U	U	U	1.4	U	U	4
	8/14/03	1.8	U	U	U	NA	U	U	U	U	1.5	U	U	3
	11/12/03	1.5	U	U	U	NA	U	U	U	U	1.5	U	U	3
	2/10/04	U	U	U	U	NA	U	U	U	U	U	U	U	0
	5/27/04	U	U	U	U	NA	U	U	U	U	1.3	U	U	1
	8/10/04	U	U	U	U	NA	U	U	U	U	2.4	U	U	2
	10/28/04	U	U	U	U	NA	U	U	U	U	1.1	U	U	1
	12/16/04	U	U	U	U	NA	U	U	U	U	1.2	U	U	1
	3/18/05	1	U	U	U	NA	U	U	U	U	U	U	U	1
	6/22/05	1.7	U	U	U	0.49 J	U	U	U	U	1.6	U	U	4
	9/14/05	1.9	U	U	U	0.89 J	U	U	U	U	1.3	U	U	4
	12/20/05	1.4	U	U	U	1.5	U	U	U	U	1.8	U	U	5
	3/14/06	1.5	1.1	U	U	1.9	U	U	0.42 J	0.55 J	1.7	U	U	7
	6/23/06	1.8	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	2	0.22 U	0.27 U	4
	9/06/06	1.9	U	U	U	U	U	U	U	U	1.5	U	U	3
	12/05/06	1.2	0.23 U	0.33 U	0.29 U	0.18 U	0.42 U	0.28 U	0.28 U	0.29 U	0.88 J	0.22 U	0.27 U	2
	3/13/07	0.95 J	0.23 U	0.33 U	0.29 U	0.62 J	0.42 U	0.28 U	0.28 U	0.29 U	0.87 J	0.22 U	0.27 U	2
	6/12/07	0.67 U	0.2 U	0.28 U	0.29 U	0.27 U	0.32 U	0.3 U	0.28 U	0.26 U	0.22 U	0.25 U	0.21 U	0
	9/04/07	0.67 U	0.2 U	0.28 U	0.29 U	0.67 J	0.32 U	0.3 U	0.35 JB	0.26 U	0.36 J	0.25 U	0.21 U	1
	12/14/07	0.98 J	0.2 U	0.28 U	0.29 U	0.75 J	0.32 U	0.3 U	0.65 J	0.26 U	0.99 J	0.25 U	0.21 U	3
	3/12/08	3.4 U	1 U	1.4 U	1.4 U	1.4 U	1.6 U	1.5 U	1.4 U	1.3 U	1.1 U	1.3 U	1.1 U	0
	6/16/08	1.2	0.16 U	0.29 U	0.35 U	1.0	0.16 U	0.24 U	1.4	0.49 J	1.1	0.16 U	0.16 U	5
	9/11/08	0.22 U	0.26 J	0.29 U	0.35 U	0.48 J	0.16 U	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	1
	12/19/08	0.52 J	0.24 U	0.29 U	0.35 U	0.43 J	0.16 U	0.24 U	0.29 U	0.18 U	0.65 J	0.16 U	0.16 U	2
	2/24/09	0.22 U	0.24 U	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.29 U	0.18 U	0.21 U	0.16 U	0.16 U	0
NYSDEC Class GA														
Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-04	10/23/96	2.4	13.9	1.3	0.2 U	17.2	0.2 U	0.2 U	0.2 U	0.2 U	1.1	NA	0.2 U	36
Downgradient Area	11/21/96	3.1	13.6	1.2	0.2 U	19	0.2 U	0.2 U	0.3	0.2 U	1	NA	3	41
	7/24/97	3 U	10	1 U	2 U	17	2 U	1 U	1 U	1 U	2 U	NA	2 U	27
	12/16/97	3 U	7	1 U	2 U	20	2 U	1 U	1 U	1 U	2 U	NA	2 U	27
	8/12/98	3 J	7	1 J	2 U	17	2 U	1 U	1 U	1 U	2 U	NA	2 U	28
	11/22/99	4 J	5 J	1 U	2 U	11	2 U	1 U	1 U	1 U	2 U	NA	2 U	20
	7/12/00	6	8	5 U	5 U	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	24
	10/25/00	10	34	5 U	5 U	19	5 U	5 U	5 U	5 U	5 U	5 U	5 U	63
	3/28/01	9	24	5 U	5 U	31	5 U	5 U	5 U	5 U	5 U	5 U	5 U	64
	2/08/02	5 U	1.9 J	2 U	2 U	7.7	5 U	5 U	1 U	1 U	1 U	5 U	2 U	10
	5/08/02	9.4	6.6	1.3 J	2 U	9.6	5 U	5 U	1 U	1 U	2.2	5 U	2 U	29
	8/29/02	14.2	28.2	1.6 J	2 U	11.7	5 U	5 U	1 U	1 U	13	5 U	2 U	69
	11/13/02	26.4	56.9	6.2	0.57 U	32.4	0.18 U	0.094 U	0.39 U	0.52 J	7.4	0.18 U	0.53 U	130
	2/12/03	10.8	21.1	3.6	0.57 U	NA	0.18 U	0.094 U	0.39 U	0.16 U	11.6	0.18 U	0.53 U	47
	5/14/03	21	30.6	3.4	U	NA	U	U	U	0.42 J	8.8	U	U	64
	8/14/03	17	32.2	U	U	NA	U	U	U	U	13.7	U	U	63
	11/12/03	19.9	14.1	1.1	U	NA	U	U	U	U	16.6	U	U	52
	2/10/04	11	8	U	U	NA	U	U	U	U	11.2	U	U	30
	5/27/04	21.7	35.1	2.9	U	NA	U	U	U	0.77 J	21.6	U	U	82
	8/10/04	14.4	12	U	U	NA	U	U	U	U	8.2	U	U	35
	10/28/04	11.4	10.1	U	U	NA	U	U	U	U	4.1	U	U	26
	12/17/04	10.5	8.1	U	U	NA	U	U	U	U	3.8	U	U	22
	3/18/05	9	5	U	U	NA	U	U	U	U	1.6	U	U	16
	6/21/05	14.2	11	U	U	0.99 J	U	U	U	U	3.2	U	U	29
	9/14/05	5.4	3.6	U	U	U	U	U	U	U	1.3 J	U	U	10
	12/20/05	12	10.3	U	U	0.97 J	U	U	U	U	2.3	U	U	26
	3/14/06	6.1	3.3	U	U	0.32 J	U	U	0.39 J	U	1.5	U	U	12
	6/23/06	7.1	4.9	0.33 U	0.29 U	0.37 J	0.42 U	0.28 U	0.28 U	0.29 U	1.3	0.22 U	0.27 U	14
	9/07/06	10.8	7.2	U	U	U	U	U	U	U	2.3	U	U	20
	12/05/06	7.3	4.2	0.33 U	0.29 U	0.66 J	0.42 U	0.28 U	0.28 U	0.29 U	2.2	0.22 U	0.27 U	14
	3/13/07	5	2.9	0.33 U	0.29 U	0.51 J	0.42 U	0.28 U	0.28 U	0.29 U	3.4	0.22 U	0.27 U	12
	6/12/07	7.7	9.4	0.28 U	0.29 U	1.8	0.32 U	0.3 U	0.28 U	0.26 U	2.3	0.25 U	0.21 U	21
	9/05/07	2.5	3.8	0.28 U	0.29 U	0.77 J	0.32 U	0.3 U	0.28 U	0.26 U	0.69 J	0.25 U	0.21 U	8
	12/13/07	4.7	3.8	0.28 U	0.29 U	0.62 J	0.32 U	0.3 U	0.62 J	0.26 U	0.9 J	0.25 U	0.21 U	11
	3/13/08	7	5.9	1.4 U	1.4 U	1.4 U	1.6 U	1.5 U	1.4 U	1.3 U	1.1 U	1.3 U	1.1 U	13
	6/16/08	8.9	7.4	0.29 U	0.35 U	0.26 J	0.28 J	0.24 U	0.97 J	0.2 J	1.8	0.16 U	0.16 U	20
	9/11/08	3.9	2	0.29 U	0.35 U	0.77 J	0.33 J	0.24 U	1.3	0.68 J	0.21 U	0.16 U	0.16 U	9
	12/19/08	1.6	0.96 J	0.29 U	0.35 U	0.72 J	0.16 U	0.24 U	0.29 U	0.18 U	2.3	0.16 U	0.16 U	6
	2/24/09	1.8	0.95 J	0.29 U	0.35 U	0.25 U	0.16 U	0.24 U	0.29 U	0.18 U	0.76 J	0.16 U	0.16 U	4
NYSDEC Class GA														
Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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	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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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	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	0.20 U	0.35 U	0.10 U	0.50 J	0.24 U	0.20 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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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	75.0	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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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
Upgradient Area	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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-09S	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
Upgradient Area	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
	9/11/00	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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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	30.1	0.20 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	0.29 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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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
NYSDEC Class GA Groundwater Standards		50	5	5	5	5	5	5	5	5	2	7	5	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

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

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

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Monitoring Well	Sample Date	Chloro-ethane	1,1-DCA	1,1-DCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	PCE	TCE	Vinyl Chloride	Chloroform	Methylene Chloride	Total VOCs
MW-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 Area	10/25/00	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	3/28/01	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0
	2/07/02	5 U	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	

TABLE 1

Ground Water Results
Hangar D, Westchester County Airport

Notes:

Concentrations are in ug/L (ppb).

B = Compound found in associated field blank sample

J = Estimated concentration

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

TABLE 2

Pre-application Investigation Results (November 22-23, 2008)
 November/December 2008 Potassium Permanganate Application
 Hanger D, Westchester County Airport

Soil Samples								
Test Point Location (sample depth):	Units	IP-1 (6-8 ft)	IP-2 (7-9 ft)	B-3/IP-3 (7-9 ft)	MW-12 (6-8 ft)	MW-13 (7-9 ft)	MW-14 (7.5-8.5 ft)	B-6
cis-1,2-Dichloroethene	ug/kg	ND	1.0 J	0.87 J	0.49 J	ND	0.97 J	Refusal, no soil recovery.
trans-1,2-Dichloroethene	ug/kg	ND	0.38 J	ND	ND	ND	ND	
Tetrachloroethene	ug/kg	ND	ND	ND	ND	ND	1.7 J	
Ground Water Samples								
Test Point:	Units	IP-1	IP-2		MW-12	MW-13	MW-14	
Chloroform	ug/l	17.2	10.1	Refusal, well not able to be completed.	ND	4.5	0.56 J	Refusal, well not able to be completed.
1,1-Dichloroethane	ug/l	ND	4.5		1.2	10.1	9	
1,1-Dichloroethene	ug/l	ND	0.38 J		ND	0.94 J	0.59 J	
cis-1,2-Dichloroethene	ug/l	30.2	60.8		28.5	56.5	60.4	
trans-1,2-Dichloroethene	ug/l	3	5.9		2.6	0.82 J	1.7	
Tetrachloroethene	ug/l	ND	15.8		ND	199	62.1	
1,1,1-Trichloroethane	ug/l	ND	0.42 J		ND	5.2	1.8	
Trichloroethene	ug/l	ND	6.6		ND	10.8	13.3	
Vinyl chloride	ug/l	2.3	0.4 J		2.7	ND	0.22 J	

Notes:

J = Estimated value below method detection limit.

ug/L = micrograms per liter

ug/kg = micrograms per kilogram

TABLE 3

Potassium Permanganate Additions
Supplemental Potassium Permanganate Application
Hangar D, Westchester County Airport

Test Point	November 25, 2008		December 11, 2008		Net	
	Volume of Solution (gallons)	Amount of Chemical (pounds)	Volume of Solution (gallons)	Amount of Chemical (pounds)	Volume of Solution (gallons)	Amount of Chemical (pounds)
IP-1	55	23	10	4	65	27
IP-2	77	33	10	4	87	36
MW-8D	52	22	30	11	82	33
MW-12	16	7	20	7	36	14
Total:	200	85	70	25	270	110

TABLE 4

Analysis of Post-application Ground Water Results (February 24, 2009)
November/December 2008 Potassium Permanganate Application
Hanger D, Westchester County Airport

Area	Monitoring Well	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride	1,1,1-TCA	1,1-DCA	Chloroethane
Application Points	IP-1	2/24/09	0.29 U	0.18 U	6.4	0.16 U	0.29 U	1.5	0.24 U	0.83 J	0.22 U
	IP-2	2/24/09	2.0	3.3	177	21.2	0.67	3.3	0.24 U	8.5	0.22 U
MW-01 Area	MW-13	2/24/09	324	21.6	93.6	1	1.6	0.21 U	14.6	15.3	0.22 U
	MW-14	2/24/09	184	31.3	113	1.9	1.8	0.21 U	6.5	17.2	0.22 U
	MW-01	2/24/09	0.29 U	0.53	65.9	15.5	0.29 U	12.2	0.24 U	13.8	0.22 U
	MW-8S	2/24/09	135	94.4	156	8	2.1	1.4	7.2	23.1	0.22 U
	GP-02B	2/24/09	0.29 U	1.5	200	9.4	1.2	14.5	0.24 U	32.1	0.22 U
	GP-03	2/24/09	128	96.5	142	5.9	1.7	4.5	4.2	26	0.22 U
MW-02 Area	MW-02	2/24/09	0.29 U	1.5	32.2	1.3	0.29 U	51.1	0.24 U	27.7	0.22 U
	MW-7S	2/24/09	37.1	24.8	65.3	0.78	72.4	15.2	70.1	119	0.22 U
	MW-7D	2/24/09	3.7	16.4	41	0.16 U	22.8	3.9	0.24 U	83	0.22 U
Down-gradient Area	MW-03	2/24/09	0.29 U	0.18 U	0.25 U	0.16 U	0.29 U	0.21 U	0.24 U	0.24 U	0.22 U
	MW-04	2/24/09	0.29 U	0.18 U	0.25 U	0.16 U	0.29 U	0.76	0.24 U	0.95	1.8
	MW-10S	2/24/09	0.29 U	3.1	25	0.16 U	3.9	5.9	0.24 U	27.8	0.22 U
	MW-10D	2/24/09	0.29 U	0.18 U	0.25 U	0.16 U	0.29 U	0.21 U	0.24 U	25	10.2
	MW-9S	2/24/09	0.29 U	0.18 U	0.25 U	0.16 U	0.29 U	0.21 U	0.24 U	0.24 U	0.22 U
	MW09D	2/24/09	6.3	0.18 U	1.4	0.16 U	0.29 U	0.21 U	0.24 U	0.24 U	0.22 U

Notes:

Highest concentration of the compound detected in ground water.

Second highest concentration of the compound detected in ground water.

Concentrations are in ug/L (ppb).

U = Compound undetected.

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

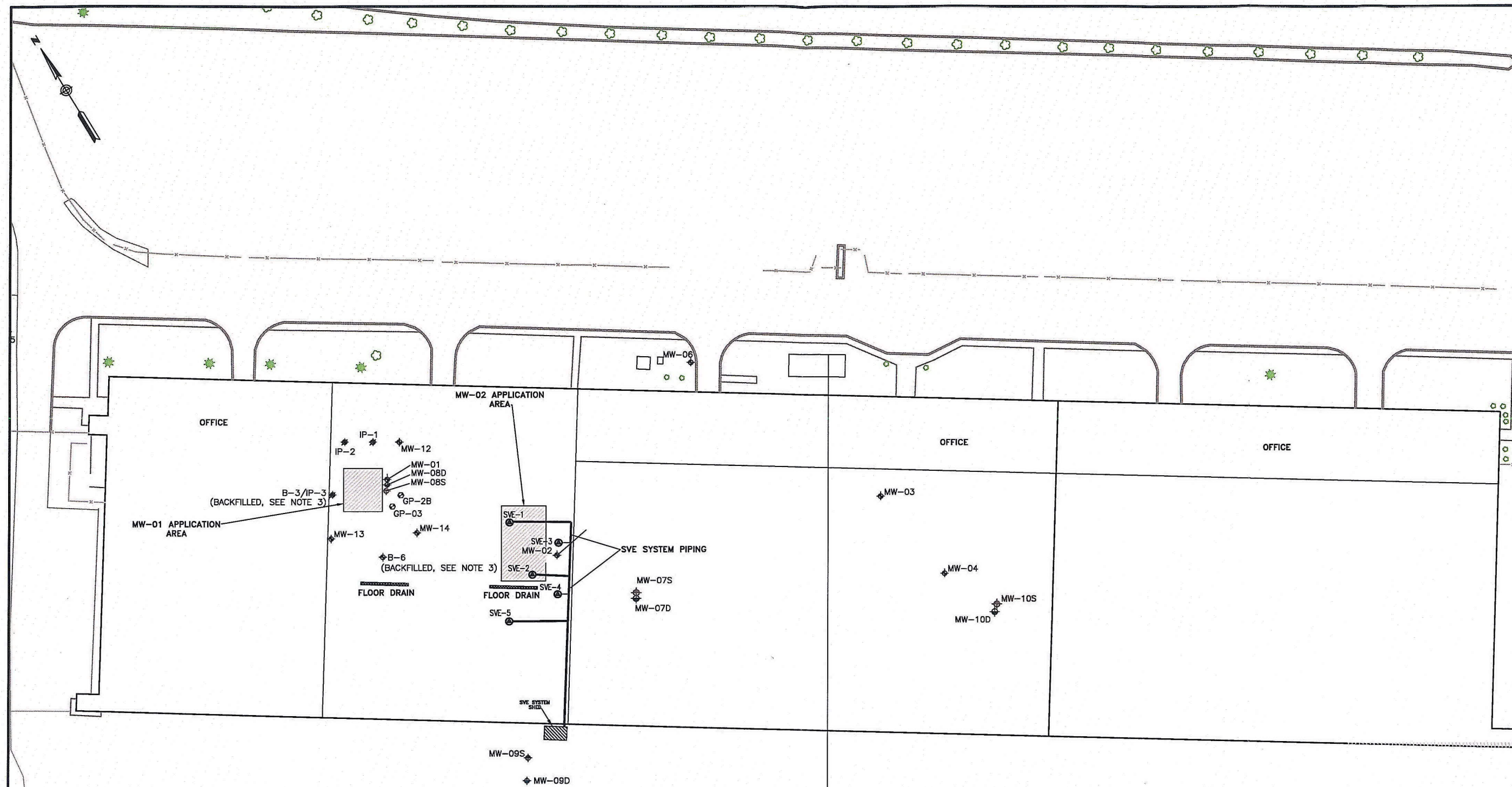
1,1,1-TCA = 1,1,1-Trichloroethane

PCE = Tetrachloroethene

TCE = Trichloroethene

FIGURES





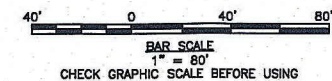
LEGEND

- 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-1 ◆ INJECTION POINT

NOTES

- ALL LOCATIONS & DIMENSIONS OF SITE FEATURES, PROPERTY LINES & SAMPLING LOCATIONS ARE APPROX.
- BASE MAP PROVIDED ELECTRONICALLY FROM XDD, INC. IN FEBRUARY 2001.
- REFUSAL ABOVE WATER TABLE. BORING BACKFILLED. WELL NOT INSTALLED.

believed to be along a BR ridge (p. 2)



EXXONMOBIL REFINING & SUPPLY
INWOOD, NEW YORK

WESTCHESTER COUNTY AIRPORT

JOB NO: 206924
DATE: MAY 2009
SCALE: 1" = 80'

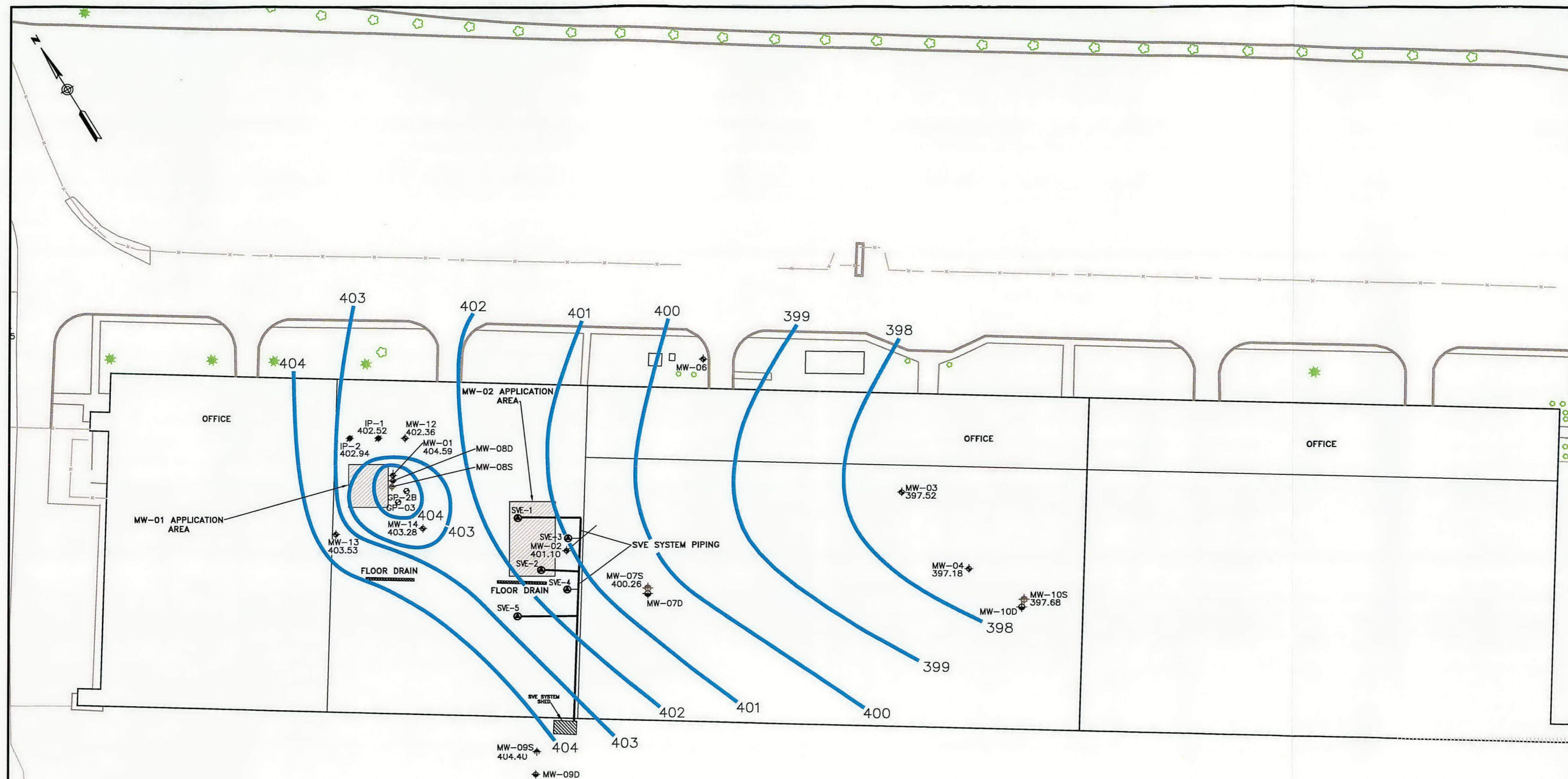
FIGURE 1

SITE PLAN

DESIGNED BY: SH
CHECKED BY: AP
206924_U1 SITE 0509.dwg



1520 HIGHLAND AVENUE
CHESHIRE, CONNECTICUT 06410
888.265.8969 | www.woodwardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

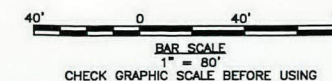


LEGEND

- 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-1 ★ INJECTION POINT
- 404.40 GROUNDWATER ELEVATION
- GROUNDWATER CONTOUR

NOTES

1. ALL LOCATIONS & DIMENSIONS OF SITE FEATURES, PROPERTY LINES & SAMPLING LOCATIONS ARE APPROX.
2. BASE MAP PROVIDED ELECTRONICALLY FROM XDD, INC. IN FEBRUARY 2001.



GROUNDWATER CONTOURS DECEMBER 19, 2008

EXXONMOBIL REFINING & SUPPLY
INWOOD, NEW YORK

WESTCHESTER COUNTY AIRPORT

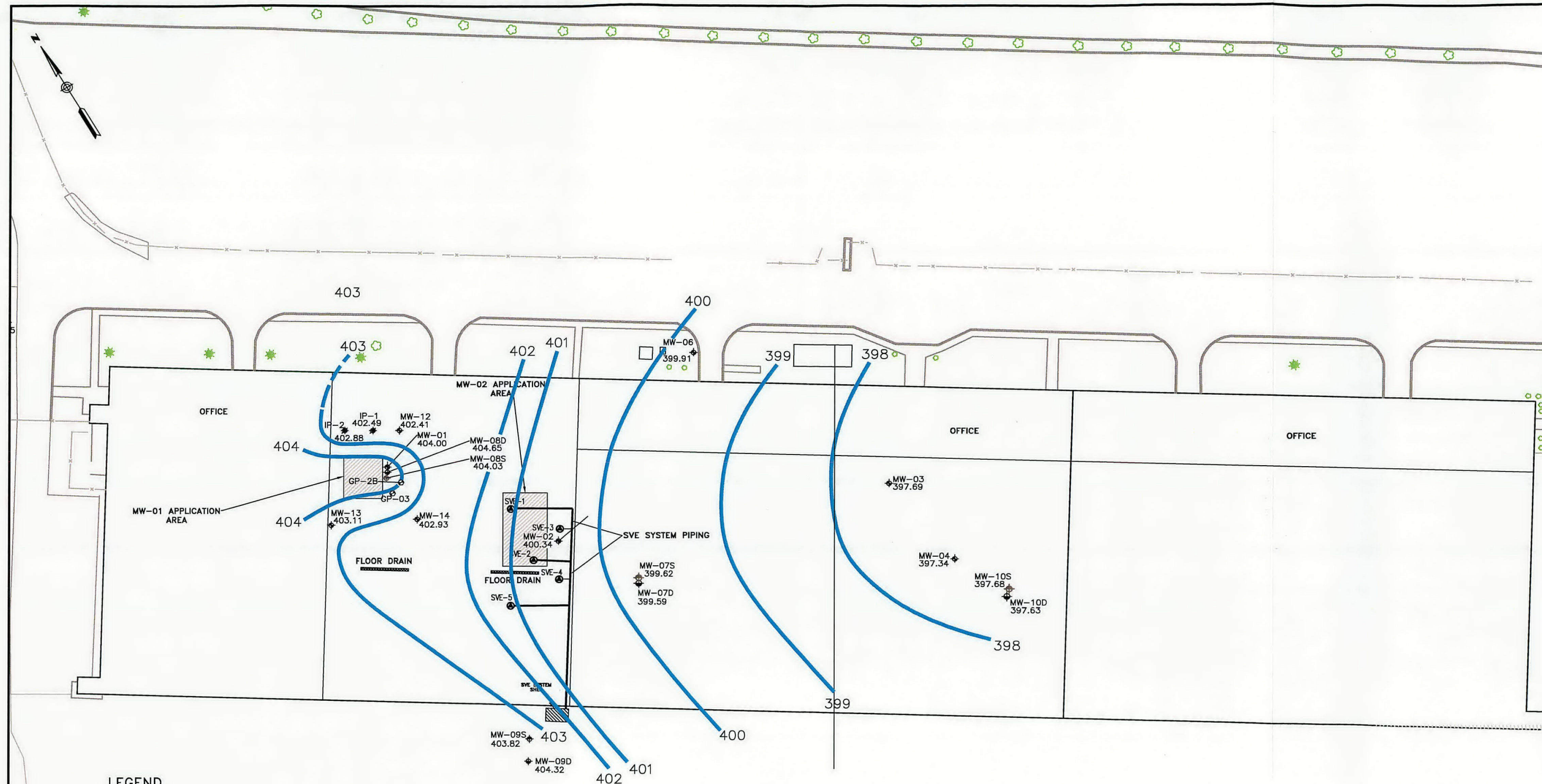
JOB NO: 206924
DATE: JAN. 2009
SCALE: 1" = 80'

FIGURE 2



1520 HIGHLAND AVENUE
CHESHIRE, CONNECTICUT 06410
888.265.8869 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

DESIGNED BY: SH
CHECKED BY: AP
DRAWN BY: SH
0206924_U2_0509.dwg

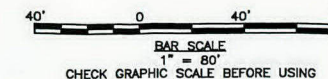


LEGEND

- 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-1 ◆ INJECTION POINT
- 404.40 GROUNDWATER ELEVATION
- GROUNDWATER CONTOUR

NOTES

1. ALL LOCATIONS & DIMENSIONS OF SITE FEATURES, PROPERTY LINES & SAMPLING LOCATIONS ARE APPROX.
2. BASE MAP PROVIDED ELECTRONICALLY FROM XDD, INC. IN FEBRUARY 2001.



1520 HIGHLAND AVENUE
CHESHIRE, CONNECTICUT 06410
888.265.9989 | www.woodardcurran.com



GROUNDWATER CONTOURS FEBRUARY 24, 2009

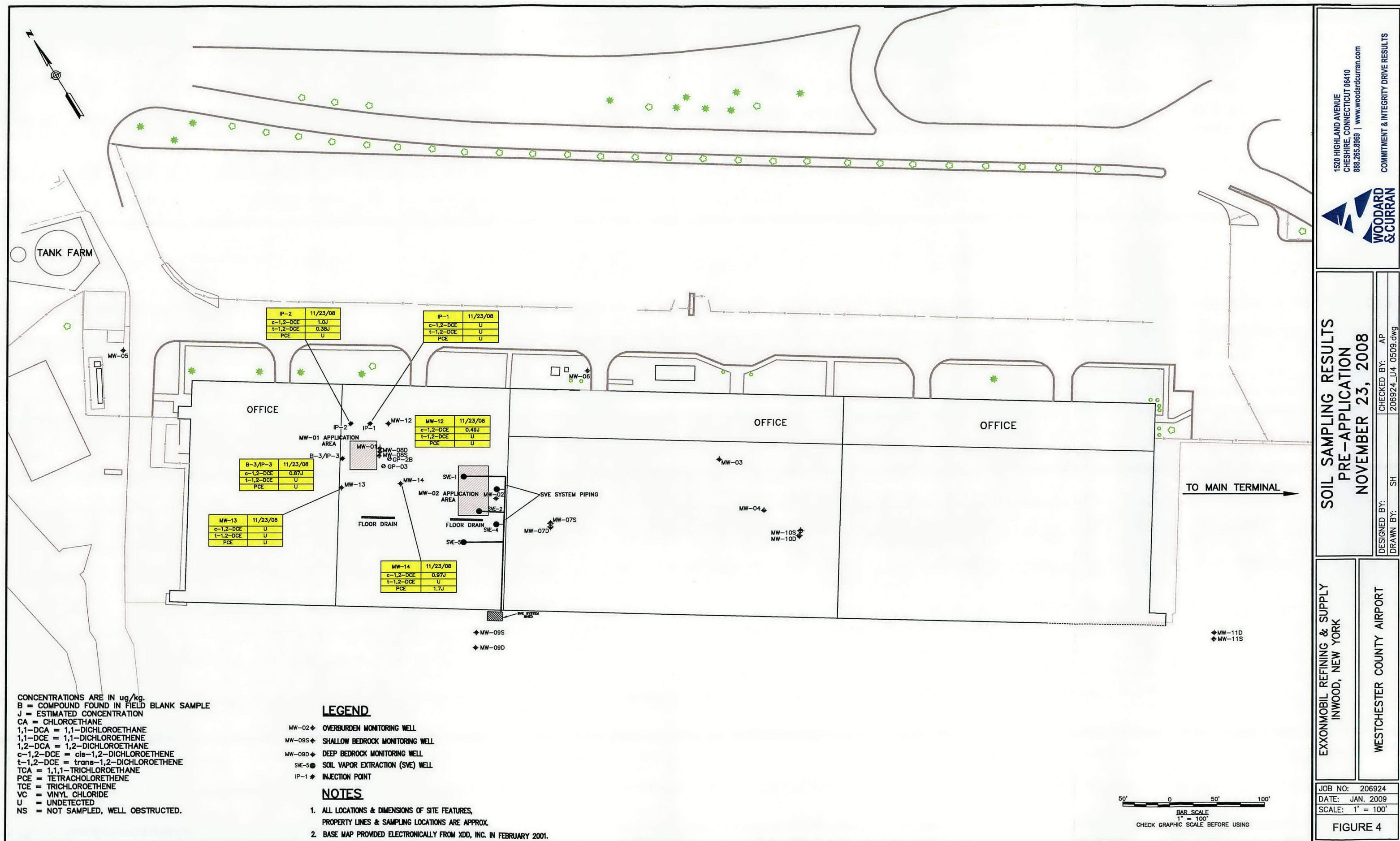
DESIGNED BY: SH
CHECKED BY: AP
DRAWN BY: 206924_U3_0509.dwg

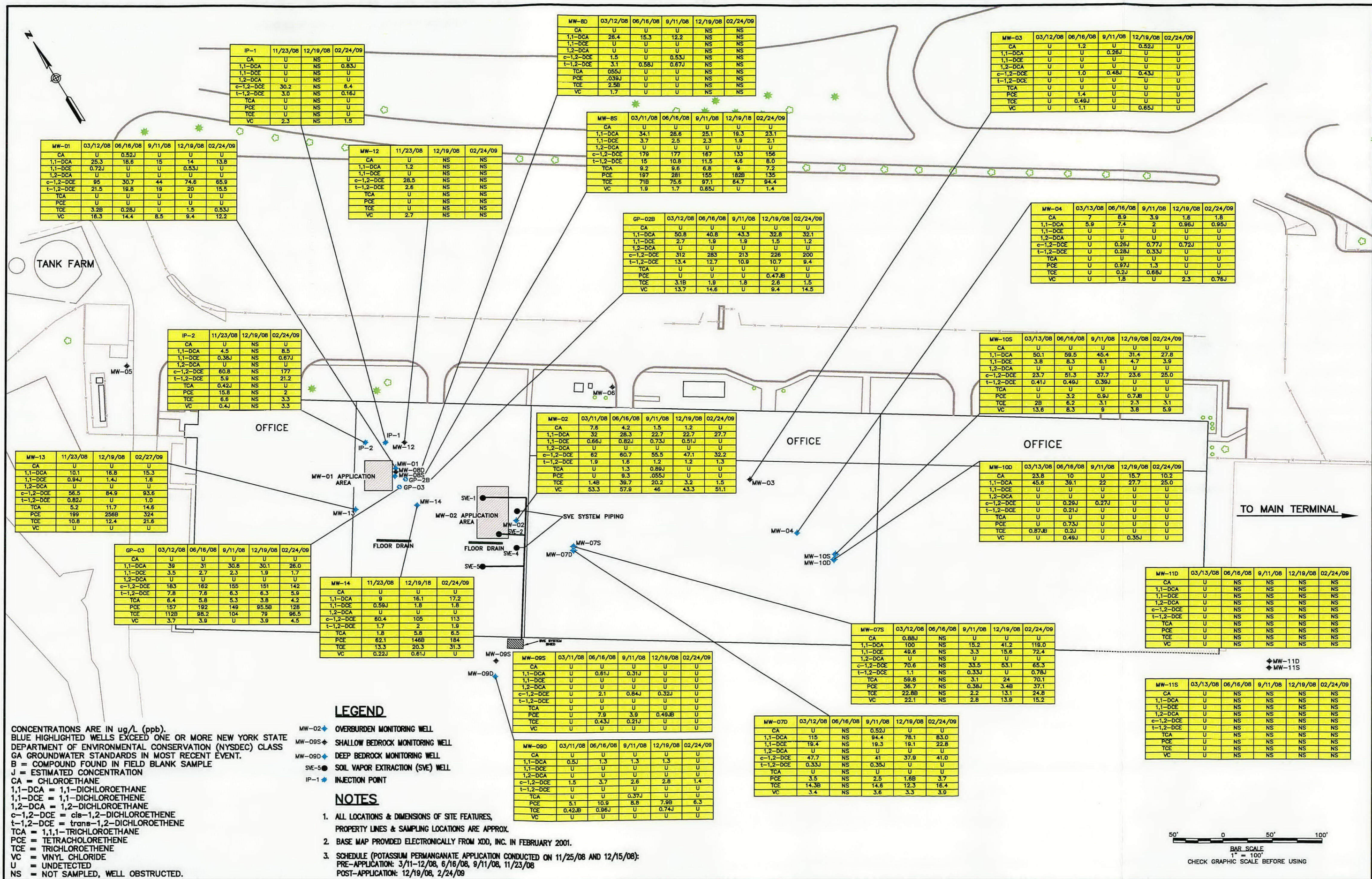
EXXONMOBIL REFINING & SUPPLY
INWOOD, NEW YORK

WESTCHESTER COUNTY AIRPORT

JOB NO: 206924
DATE: MARCH 2009
SCALE: 1" = 80'

FIGURE 3





A

ATTACHMENT A – BORING AND WELL LOGS





Injection Well Log

Groundwater & Environmental Services, Inc.

ID NO. IP-1

Project: Hangar D, Westchester Co. Airport Client: EMES Regulatory Case #:
Address: 184 Airport Rd, White Plains, NY GES Job #: 1101379 Regulatory Case Mgr: M. Tipple
County: Westchester GES Project Mgr: M. DeGloria Permit #: NA

Logged By: John Simms Date Drilled: November 22, 2008 Split Spoon/Acetate Sieve Diameter: NA
Drilling Company: Zebra Completion Date: November 22, 2008 Split Spoon/Acetate Sieve Length: NA
Drill Operator: Charlie Drilling Method: HSA Soil Classification System: USCS/Burmister
Drill Rig Type: GeoProbe 6620DT Sampling Method: Macro Core Field Screening: PID 10.6 eV Lamp (ppm)

Latitude: NA Longitude: NA Top of Bentonite Seal: 6 fbg
Surface Elevation: NA Borehole Diameter: 7 in. Type of Seal: Cetco Granular
Total Depth: 17 fbg Well Diameter: 2 in. Top of Sand: 11 fbg
Refusal Depth: NA Riser Length: 11 ft Sand Type: #2
Initial Depth to Water: 10 fbg Screen Slot Size: 10 Well Material Type: Schedule 40 PVC
Static Depth to Water: NA Screen Length: 5 ft Top of Grout: NA

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm)	Blow Counts	SAMPLE LITHOLOGY	Comments	Well Completion Detail
0	0-2 fbg	24 in.	0.0 ppm		SM: Light brown, moist, fine to medium SAND with little silt and trace gravel.	Hand-cleared boring to 4.3 fbg.	
	2-4 fbg	24 in.	0.0 ppm		SM: Yellow-orange, moist, fine to medium SAND with some silt and trace gravel.		
	4-6 fbg	24 in.	0.4 ppm		SM: Olive-grey, moist, fine to medium SAND with some silt and trace gravel.		
5	6-8 fbg	24 in.	0.6 ppm		SM: Olive-grey, moist, fine to medium SAND with some silt and trace gravel and clay.		
	8-10 fbg	24 in.	0.3 ppm		SM: Wet, fine SAND and silt with trace clay and gravel.		
10	10-12 fbg	24 in.	0.3 ppm		SM: Olive-grey, saturated, fine to medium SAND and silt with trace clay and gravel.		
	12-14 fbg	24 in.	0.6 ppm		SM: Olive-grey, saturated, fine SAND and silt with trace clay and gravel.		
15					No recovery.		
					End of Boring.		

Proportions Used:

Trace = <10%
Little = <30%
Some = <50%
and = @ 50%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft. = feet; ppm. = parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

0 - 4 = Very Loose
5 - 9 = Loose
10 - 29 = Medium Dense
30 - 49 = Dense
50 + = Very Dense

Symbols:

Apparent Water Level 
Lab Sample Location 

IP-1

p. 1 of 1



Injection Well Log

Groundwater & Environmental Services, Inc.

ID NO. IP-2

Project: Hangar D, Westchester Co. Airport Client: EMES Regulatory Case #:
Address: 184 Airport Rd, White Plains, NY GES Job #: 1101379 Regulatory Case Mgr: M. Tipple
County: Westchester GES Project Mgr: M. DeGloria Permit #: NA

Logged By: John Simms Date Drilled: November 22, 2008 Split Spoon/Acetate Sleeve Diameter: NA
Drilling Company: Zebra Completion Date: November 22, 2008 Split Spoon/Acetate Sleeve Length: NA
Drill Operator: Charlie Drilling Method: HSA Soil Classification System: USCS/Burmister
Drill Rig Type: GeoProbe 6620DT Sampling Method: Macro Core Field Screening: PID 10.6 eV Lamp (ppm)

Latitude: NA Longitude: NA Top of Bentonite Seal: 4 fbg
Surface Elevation: NA Borehole Diameter: 7 in. Type of Seal: Cetco Granular
Total Depth: 14 fbg Well Diameter: 2 in. Top of Sand: 8 fbg
Refusal Depth: NA Riser Length: 8.5 ft Sand Type: #2
Initial Depth to Water: 9 fbg Screen Slot Size: 10 Well Material Type: Schedule 40 PVC
Static Depth to Water: NA Screen Length: 5 ft Top of Grout: NA

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm)	Blow Counts	SAMPLE LITHOLOGY	Comments	Well Completion Detail
0	0-5 fbg	NA	NA		No recovery.	Hand-cleared boring to 3.3 fbg.	
5	5-7 fbg	24 in.	0.0 ppm		SM: Olive-grey, moist, fine SAND with some silt and trace gravel and clay.		
	7-9 fbg	24 in.	0.3 ppm		SM: Olive-grey, wet, fine SAND and silt with trace gravel and clay.		
10	9-11 fbg	24 in.	0.3 ppm		SM: Olive-grey, saturated, fine SAND and silt with trace gravel and clay.		
	11-13 fbg	24 in.	0.4 ppm		SM: Olive-grey, saturated, fine SAND and silt with trace clay.		
					No recovery.		
					End of Boring.		

Proportions Used:

Trace = <10%
Little = <30%
Some = <50%
and = @ 50%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft = feet; ppm = parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

0 - 4 = Very Loose
5 - 9 = Loose
10 - 29 = Medium Dense
30 - 49 = Dense
50 + = Very Dense

Symbols:

Apparent Water Level 
Lab Sample Location 

IP-2

p. 1 of 1



Soil Boring Log

Groundwater & Environmental Services, Inc.

ID NO. **B-3/IP-3**

Page 1 of 1

Project: Hangar D, Westchester Co. Airport Client: EMES

Regulatory Case #:

Address: 184 Airport Rd, White Plains, NY GES Job #: 1101379

NYSDEC Case Mgr: M. Tipple

County: Westchester

GES Project Mgr: M. DeGloria

Permit #: NA

Logged By: John Simms

Date Drilled: November 22, 2008

Split Spoon/Acetate Sleeve Dia: NA

Drilling Company: Zebra

Completion Date: November 22, 2008

Split Spoon/Acetate Sleeve Length: NA

Drill Operator: Charlie

Drilling Method: HSA

Soil Classification System: USCS/Burmister

Drill Rig Type: GeoProbe 6620DT

Sampling Method: Macro Core

Field Screening: PID 10.6 eV Lamp (ppm)

Borehole Diameter: 7 in.

Surface Elevation: NA

Abandonment Method: NA

Total Depth: 9 fbg

Depth to Water: NA

Backfill Material: Silica Sand

Refusal Depth: 9 fbg

Well Diameter: NA

Abandonment Completion Date: NA

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen	Blow Counts	SAMPLE LITHOLOGY	Comments	Abandonment Detail
0	0-5 fbg	NA	NA		No recovery.	Hanc-cleared boring to 4.9 fbg.	
5	5-7 fbg	24 in.	0.4 ppm		SM: Olive-grey, moist, fine to medium SAND with some silt and trace gravel.		
	7-9 fbg	24 in.	0.3 ppm		SM: Olive-grey, moist, fine SAND and silt with trace gravel and clay.		
					Refusal.		

Proportions Used:

Trace = <10%
Little = <30%
Some = <50%
and = @ 50%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft. = feet; ppm. = parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

0 - 4 = Very Loose
5 - 9 = Loose
10 - 29 = Medium Dense
30 - 49 = Dense
50 + = Very Dense

Symbols:

Apparent Water Level
Lab Sample Location

B-3/IP-3

p. 1 of 1



Monitoring Well Log

Groundwater & Environmental Services, Inc.

ID NO. MW-12

Project: Hangar D, Westchester Co. Airport Client: EMES Regulatory Case #:
 Address: 184 Airport Rd, White Plains, NY GES Job #: 1101379 Regulatory Case Mgr: M. Tipple
 County: Westchester GES Project Mgr: M. DeGloria Permit #: NA

Logged By: John Simms Date Drilled: November 22, 2008 Split Spoon/Acetate Sleeve Diameter: NA
 Drilling Company: Zebra Completion Date: November 22, 2008 Split Spoon/Acetate Sleeve Length: NA
 Drill Operator: Charlie Drilling Method: HSA Soil Classification System: USCS/Burmister
 Drill Rig Type: GeoProbe 6620DT Sampling Method: Macro Core Field Screening: PID 10.6 eV Lamp (ppm)

Latitude: NA Longitude: NA Top of Bentonite Seal: 2 fbg
 Surface Elevation: NA Borehole Diameter: 7 in. Type of Seal: Cetco Granular
 Total Depth: 15 fbg Well Diameter: 2 in. Top of Sand: 3 fbg
 Refusal Depth: NA Riser Length: 4.5 ft Sand Type: #2
 Initial Depth to Water: 10 fbg Screen Slot Size: 10 Well Material Type: Schedule 40 PVC
 Static Depth to Water: NA Screen Length: 10 ft Top of Grout: NA

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm)	Blow Counts	SAMPLE LITHOLOGY	Comments	Well Completion Detail
0	0-2 fbg	24 in.	0.0 ppm		SM: Brown, moist, fine to medium SAND with trace gravel.	Hand-cleared boring to 4.6 fbg.	
	2-4 fbg	24 in.	0.0 ppm		SM: Yellow-orange, moist fine to medium SAND with some silt and trace gravel.		
	4-6 fbg	24 in.	0.6 ppm		SM: Olive-grey, moist, fine to medium SAND with some silt and trace gravel.		
5	6-8 fbg	24 in.	0.6 ppm		SM: Moist to wet, fine to medium SAND with some silt and trace gravel.		
	8-10 fbg	24 in.	0.3 ppm		SM: Olive-grey, wet, fine to medium SAND with some silt and trace gravel.		
10	10-12 fbg	24 in.	0.3 ppm		SM: Olive-grey, saturated, fine to medium SAND with some silt and trace gravel.		
					No recovery.		
15					End of Boring.		

Proportions Used:

Trace = < 10%
 Little = < 30%
 Some = < 50%
 and = @ 50%

Notes:

NA = not available; fbg. = feet below grade
 in. = inches; ft. = feet; ppm. = parts per million
 Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

0 - 4 = Very Loose
 5 - 9 = Loose
 10 - 29 = Medium Dense
 30 - 49 = Dense
 50 + = Very Dense

Symbols:

Apparent Water Level
 Lab Sample Location

MW-12

p. 1 of 1



Monitoring Well Log

Groundwater & Environmental Services, Inc.

ID NO. MW-13

Project: Hangar D, Westchester Co. Airport Client: EMES Regulatory Case #:
Address: 184 Airport Rd, White Plains, NY GES Job #: 1101379 Regulatory Case Mgr: M. Tipple
County: Westchester GES Project Mgr: M. DeGloria Permit #: NA

Logged By: John Simms Date Drilled: November 22, 2008 Split Spoon/Acetate Sieve Diameter: NA
Drilling Company: Zebra Completion Date: November 22, 2008 Split Spoon/Acetate Sleeve Length: NA
Drill Operator: Charlie Drilling Method: HSA Soil Classification System: USCS/Burmister
Drill Rig Type: GeoProbe 6620DT Sampling Method: Macro Core Field Screening: PID 10.6 eV Lamp (ppm)

Latitude: NA Longitude: NA Top of Bentonite Seal: 3 fbg
Surface Elevation: NA Borehole Diameter: 7 in. Type of Seal: Cetco Granular
Total Depth: 20 fbg Well Diameter: 2 in. Top of Sand: 4 fbg
Refusal Depth: NA Riser Length: 4.5 ft Sand Type: #2
Initial Depth to Water: NA Screen Slot Size: 10 Well Material Type: Schedule 40 PVC
Static Depth to Water: NA Screen Length: 15 ft Top of Grout: NA

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm)	Blow Counts	SAMPLE LITHOLOGY	Comments	Well Completion Detail
0	0-5 fbg	NA	NA		No recovery.	Hand-cleared boring to 4 fbg.	
5	5-7 fbg	24 in.	0.0 ppm		SM: Olive-grey, fine to medium SAND with some silt and trace gravel.		
	7-9 fbg	24 in.	0.5 ppm		SM: Moist, fine SAND and silt with trace gravel and clay.		
10					No recovery.		
15							
20					End of Boring.		

Proportions Used:

Trace = < 10%
Little = < 30%
Some = < 50%
and = @ 50%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft. = feet; ppm. = parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

0 - 4 = Very Loose
5 - 9 = Loose
10 - 29 = Medium Dense
30 - 49 = Dense
50 + = Very Dense

Symbols:

Apparent Water Level 
Lab Sample Location 

MW-13

p. 1 of 1



Monitoring Well Log

Groundwater & Environmental Services, Inc.

ID NO. MW-14

Project: Hangar D, Westchester Co. Airport Client: EMES Regulatory Case #:
 Address: 184 Airport Rd, White Plains, NY GES Job #: 1101379 Regulatory Case Mgr: M. Tipple
 County: Westchester GES Project Mgr: M. DeGloria Permit #: NA

Logged By: John Simms Date Drilled: November 23, 2008 Split Spoon/Acetate Sleeve Diameter: NA
 Drilling Company: Zebra Completion Date: November 23, 2008 Split Spoon/Acetate Sleeve Length: NA
 Drill Operator: Charlie Drilling Method: HSA Soil Classification System: USCS/Burmister
 Drill Rig Type: GeoProbe 6620DT Sampling Method: Macro Core Field Screening: PID 10.6 eV Lamp (ppm)

Latitude: NA Longitude: NA Top of Bentonite Seal: 5 fbg
 Surface Elevation: NA Borehole Diameter: 7 in. Type of Seal: Cetco Granular
 Total Depth: 17 fbg Well Diameter: 2 in. Top of Sand: 6 fbg
 Refusal Depth: NA Riser Length: 6.5 ft Sand Type: #2
 Initial Depth to Water: 10 fbg Screen Slot Size: 10 Well Material Type: Schedule 40 PVC
 Static Depth to Water: NA Screen Length: 10 ft Top of Grout: NA

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm)	Blow Counts	SAMPLE LITHOLOGY	Comments	Well Completion Detail
0	0-8 fbg	NA	NA		No recovery.	Hand-cleared boring to 6.6 fbg.	
5							
	8-10 fbg	24 in.	0.3 ppm		SM: Olive-grey, saturated, fine to medium SAND and silt with trace gravel and clay.		
10	10-12 fbg	24 in.	0.4 ppm		SM: Olive-grey, saturated, fine SAND and silt with trace gravel and clay.		
	12-13 fbg	12 in.	0.3 ppm		No recovery.		
15					End of Boring.		

Proportions Used:

Trace = < 10%
 Little = < 30%
 Some = < 50%
 and = @ 50%

Notes:

NA = not available; fbg. = feet below grade
 in. = inches; ft. = feet; ppm. = parts per million
 Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

0 - 4 = Very Loose
 5 - 9 = Loose
 10 - 29 = Medium Dense
 30 - 49 = Dense
 50 + = Very Dense

Symbols:

Apparent Water Level 
 Lab Sample Location 



Soil Boring Log

Groundwater & Environmental Services, Inc.

ID NO. **B-6**

Page 1 of 1

Project: Hangar D, Westchester Co. Airport Client: EMES

Regulatory Case #:

Address: 184 Airport Rd, White Plains, NY GES Job #: 1101379

NYSDEC Case Mgr: M. Tipple

County: Westchester

GES Project Mgr: M. DeGloria

Permit #: NA

Logged By: John Simms

Date Drilled: November 23, 2008

Split Spoon/Acetate Sleeve Dia: NA

Drilling Company: Zebra

Completion Date: November 23, 2008

Split Spoon/Acetate Sleeve Length: NA

Drill Operator: Charlie

Drilling Method: HSA

Soil Classification System: USCS/Burmister

Drill Rig Type: GeoProbe 6620DT

Sampling Method: Macro Core

Field Screening: PID 11.6 eV Lamp (ppm)

Borehole Diameter: 7 in.

Surface Elevation: NA

Abandonment Method: NA

Total Depth: 6 fbg

Depth to Water: NA

Backfill Material: Silica Sand

Refusal Depth: 6 fbg

Well Diameter: NA

Abandonment Completion Date: NA

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen	Blow Counts	SAMPLE LITHOLOGY	Comments	Abandonment Detail
0	0-5 fbg	None			No recovery.	Hand-cleared boring to 3 fbg.	
5					Refusal.	Refusal encountered at 6 fbg; no soil samples collected.	

Proportions Used:

Trace = < 10%
Little = < 30%
Some = < 50%
and = @ 50%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft. = feet; ppm. = parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

0 - 4 = Very Loose
5 - 9 = Loose
10 - 29 = Medium Dense
30 - 49 = Dense
50 + = Very Dense

Symbols:

Apparent Water Level
Lab Sample Location

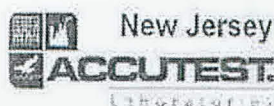
B-6

p. 1 of 1

B



ATTACHMENT B – ANALYTICAL LABORATORY REPORTS



12/10/08

Technical Report for

Woodard & Curran

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

PO#4509465274 WBS#08

Accutest Job Number: JA6508

Sampling Dates: 11/22/08 - 11/23/08



Report to:

Woodard & Curran

Aproctor@woodardcurran.com

ATTN: Anne Proctor

Total number of pages in report: 42



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

David N. Speis

David N. Speis
VP Ops, 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, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Table of Contents

Sections:

1
2
3

-1-

Section 1: Sample Summary	3
Section 2: Sample Results	5
2.1: JA6508-1: TRIP BLANK	6
2.2: JA6508-2: MW-12 (6-8)	8
2.3: JA6508-3: IP-1 (6-8)	10
2.4: JA6508-4: FB112208	12
2.5: JA6508-5: EB112208	14
2.6: JA6508-6: IP-2 (7-9)	16
2.7: JA6508-7: IP-3 (7-9)	18
2.8: JA6508-8: MW-13 (7-9)	20
2.9: JA6508-9: MW-14 (7.5-8.5)	22
2.10: JA6508-10: EB112308(A)	24
2.11: JA6508-11: MW-12	26
2.12: JA6508-12: IP-1	28
2.13: JA6508-13: EB112308(B)	30
2.14: JA6508-14: FB112308	32
2.15: JA6508-15: IP-2	34
2.16: JA6508-16: MW-13	36
2.17: JA6508-17: MW-14	38
Section 3: Misc. Forms	40
3.1: Chain of Custody	41

Sample Summary

Woodard & Curran

Job No: JA6508

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
Project No: PO#4509465274 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JA6508-1	11/23/08	14:06 JS	11/25/08	AQ	Trip Blank Water	TRIF BLANK
JA6508-2	11/22/08	11:00 JS	11/25/08	SO	Soil	MW-12 (6-8)
JA6508-3	11/22/08	12:15 JS	11/25/08	SO	Soil	IP-1 (6-8)
JA6508-4	11/22/08	12:30 JS	11/25/08	AQ	Field Blank Soil	FB112208
JA6508-5	11/22/08	12:48 JS	11/25/08	AQ	Equipment Blank	EB112208
JA6508-6	11/22/08	13:25 JS	11/25/08	SO	Soil	IP-2 (7-9)
JA6508-6D	11/22/08	13:30 JS	11/25/08	SO	Soil Dup/MSD	IP-2 (7-9)
JA6508-6S	11/22/08	13:30 JS	11/25/08	SO	Soil Matrix Spike	IP-2 (7-9)
JA6508-7	11/22/08	14:15 JS	11/25/08	SO	Soil	IP-3 (7-9)
JA6508-8	11/22/08	14:35 JS	11/25/08	SO	Soil	MW-13 (7-9)
JA6508-9	11/23/08	10:40 JS	11/25/08	SO	Soil	MW-14 (7.5-8.5)
JA6508-10	11/23/08	11:40 JS	11/25/08	AQ	Equipment Blank	EB112308(A)
JA6508-11	11/23/08	11:31 JS	11/25/08	AQ	Ground Water	MW-12

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary

(continued)

Woodard & Curran

Job No: JA6508

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
 Project No: PO#4509465274 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
JA6508-12	11/23/08	12:04 JS	11/25/08	AQ Ground Water	IP-1
JA6508-13	11/23/08	12:28 JS	11/25/08	AQ Equipment Blank	EB112308(B)
JA6508-14	11/23/08	12:37 JS	11/25/08	AQ Field Blank Soil	FB112308
JA6508-15	11/23/08	13:14 JS	11/25/08	AQ Ground Water	IP-2
JA6508-16	11/23/08	13:36 JS	11/25/08	AQ Ground Water	MW-13
JA6508-17	11/23/08	14:06 JS	11/25/08	AQ Ground Water	MW-14

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 2

Client Sample ID:	TRIP BLANK						
Lab Sample ID:	JA6508-1			Date Sampled:	11/23/08		
Matrix:	AQ - Trip Blank Water			Date Received:	11/25/08		
Method:	SW846 8260B			Percent Solids:	n/a		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY						

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	D148976.D	1	12/02/08	OTR	n/a	n/a	VD5972

	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	TRIP BLANK	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-1	Date Received:	11/25/08
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	82%		72-120%
17060-07-0	1,2-Dichloroethane-D4	88%		59-137%
2037-26-5	Toluene-D8	95%		73-116%
460-00-4	4-Bromofluorobenzene	87%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-12 (6-8)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-2	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	V85835.D	1	12/03/08	JLI	n/a	n/a	VV3478

	Initial Weight
Run #1	5.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	2.3	ug/kg	
71-43-2	Benzene	ND	1.1	0.38	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	5.3	0.54	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.3	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.3	0.32	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.73	ug/kg	
67-66-3	Chloroform	ND	5.3	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	5.3	0.29	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.3	0.39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.3	0.32	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.3	0.34	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.3	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.3	0.56	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.3	0.34	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.3	0.29	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.43	ug/kg	
76-13-1	Freon 113	ND	5.3	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	2.6	ug/kg	
75-09-2	Methylene chloride	ND	5.3	0.31	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.3	0.27	ug/kg	
127-18-4	Tetrachloroethene	ND	5.3	0.50	ug/kg	
108-88-3	Toluene	0.80	1.1	0.35	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.45	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.3	0.56	ug/kg	
79-01-6	Trichloroethene	ND	5.3	0.31	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	2.3	ug/kg	
75-01-4	Vinyl chloride	ND	5.3	0.68	ug/kg	
1330-20-7	Xylene (total)	1.8	2.1	0.32	ug/kg	J

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

Page 2 of 2

Client Sample ID:	MW-12 (6-8)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-2	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		67-125%
17060-07-0	1,2-Dichloroethane-D4	87%		64-131%
2037-26-5	Toluene-D8	103%		73-124%
460-00-4	4-Bromofluorobenzene	84%		61-136%

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

Page 1 of 2

Client Sample ID:	IP-1 (6-8)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-3	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85836.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	27.5	11	2.4	ug/kg	
71-43-2	Benzene	ND	1.1	0.39	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	0.56	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	0.33	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.76	ug/kg	
67-66-3	Chloroform	ND	5.6	0.52	ug/kg	
124-48-1	Dibromochloromethane	ND	5.6	0.30	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.6	0.41	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.6	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.6	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.6	0.58	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.6	0.36	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.6	0.30	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.45	ug/kg	
76-13-1	Freon 113	ND	5.6	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	2.7	ug/kg	
75-09-2	Methylene chloride	ND	5.6	0.32	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	0.28	ug/kg	
127-18-4	Tetrachloroethene	ND	5.6	0.52	ug/kg	
108-88-3	Toluene	0.49	1.1	0.37	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	0.47	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	0.59	ug/kg	
79-01-6	Trichloroethene	ND	5.6	0.33	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	2.4	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	0.70	ug/kg	
1330-20-7	Xylene (total)	1.0	2.2	0.33	ug/kg	J

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

Page 2 of 2

Client Sample ID:	IP-1 (6-8)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-3	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		67-125%
17060-07-0	1,2-Dichloroethane-D4	98%		64-131%
2037-26-5	Toluene-D8	104%		73-124%
460-00-4	4-Bromofluorobenzene	86%		61-136%

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

Page 1 of 2

Client Sample ID:	FB112208	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-4	Date Received:	11/25/08
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148977.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	1.2	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	FB112208	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-4	Date Received:	11/25/08
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	82%		72-120%
17060-07-0	1,2-Dichloroethane-D4	87%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	89%		69-126%

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

Page 1 of 2

Client Sample ID:	EB112208	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-5	Date Received:	11/25/08
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148978.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	0.28	1.0	0.15	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	EB112208	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-5	Date Received:	11/25/08
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		72-120%
17060-07-0	1,2-Dichloroethane-D4	88%		59-137%
2037-26-5	Toluene-D8	95%		73-116%
460-00-4	4-Bromofluorobenzene	89%		69-126%

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

Page 1 of 2

Client Sample ID:	IP-2 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-6	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	86.1
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85837.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	49.6	11	2.4	ug/kg	
71-43-2	Benzene	ND	1.1	0.39	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.5	ug/kg	
75-15-0	Carbon disulfide	0.57	5.6	0.56	ug/kg	J
56-23-5	Carbon tetrachloride	ND	5.6	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	0.33	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.76	ug/kg	
67-66-3	Chloroform	ND	5.6	0.52	ug/kg	
124-48-1	Dibromochloromethane	ND	5.6	0.30	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.6	0.41	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.6	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.6	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.6	0.58	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.38	5.6	0.36	ug/kg	J
142-28-9	1,3-Dichloropropane	ND	5.6	0.30	ug/kg	
100-41-4	Ethylbenzene	0.63	1.1	0.45	ug/kg	J
76-13-1	Freon 113	ND	5.6	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	2.7	ug/kg	
75-09-2	Methylene chloride	ND	5.6	0.32	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	0.28	ug/kg	
127-18-4	Tetrachloroethene	ND	5.6	0.52	ug/kg	
108-88-3	Toluene	1.9	1.1	0.37	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	0.47	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	0.59	ug/kg	
79-01-6	Trichloroethene	ND	5.6	0.33	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	2.4	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	0.71	ug/kg	
1330-20-7	Xylene (total)	4.0	2.2	0.34	ug/kg	

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

Page 2 of 2

Client Sample ID:	IP-2 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-6	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	86.1
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		67-125%
17060-07-0	1,2-Dichloroethane-D4	96%		64-131%
2037-26-5	Toluene-D8	104%		73-124%
460-00-4	4-Bromofluorobenzene	86%		61-136%

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

Page 1 of 2

Client Sample ID:	IP-3 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-7	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85838.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

Run #	Initial Weight
Run #1	5.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	57.8	9.8	2.1	ug/kg	
71-43-2	Benzene	ND	0.98	0.34	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.8	2.2	ug/kg	
75-15-0	Carbon disulfide	0.61	4.9	0.49	ug/kg	J
56-23-5	Carbon tetrachloride	ND	4.9	0.91	ug/kg	
108-90-7	Chlorobenzene	ND	4.9	0.29	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.66	ug/kg	
67-66-3	Chloroform	ND	4.9	0.45	ug/kg	
124-48-1	Dibromochloromethane	ND	4.9	0.26	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.36	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.30	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.9	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.98	0.42	ug/kg	
75-35-4	1,1-Dichloroethene	ND	4.9	0.51	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	4.9	0.31	ug/kg	
142-28-9	1,3-Dichloropropane	ND	4.9	0.27	ug/kg	
100-41-4	Ethylbenzene	ND	0.98	0.40	ug/kg	
76-13-1	Freon 113	ND	4.9	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	2.3	ug/kg	
75-09-2	Methylene chloride	ND	4.9	0.28	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.9	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	4.9	0.45	ug/kg	
108-88-3	Toluene	0.76	0.98	0.32	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.41	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.9	0.51	ug/kg	
79-01-6	Trichloroethene	ND	4.9	0.29	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.9	2.1	ug/kg	
75-01-4	Vinyl chloride	ND	4.9	0.62	ug/kg	
1330-20-7	Xylene (total)	1.1	2.0	0.29	ug/kg	J

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

Page 2 of 2

2.7
2

Client Sample ID:	IP-3 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-7	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		67-125%
17060-07-0	1,2-Dichloroethane-D4	97%		64-131%
2037-26-5	Toluene-D8	105%		73-124%
460-00-4	4-Bromofluorobenzene	87%		61-136%

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

Page 1 of 2

Client Sample ID:	MW-13 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-8	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	87.3
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85839.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

Run #	Initial Weight
Run #1	4.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.44	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.8	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	0.62	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.37	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.85	ug/kg	
67-66-3	Chloroform	ND	6.2	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.39	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.65	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.40	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.50	ug/kg	
76-13-1	Freon 113	ND	6.2	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	3.0	ug/kg	
75-09-2	Methylene chloride	ND	6.2	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.32	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.58	ug/kg	
108-88-3	Toluene	ND	1.2	0.41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.66	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.36	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.7	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.79	ug/kg	
1330-20-7	Xylene (total)	ND	2.5	0.37	ug/kg	

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

Page 2 of 2

Client Sample ID:	MW-13 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-8	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	87.3
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		67-125%
17060-07-0	1,2-Dichloroethane-D4	96%		64-131%
2037-26-5	Toluene-D8	105%		73-124%
460-00-4	4-Bromofluorobenzene	85%		61-136%

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

Page 1 of 2

Client Sample ID:	MW-14 (7.5-8.5)	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-9	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	86.4
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85840.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	12.3	12	2.5	ug/kg	
71-43-2	Benzene	ND	1.2	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	5.9	0.59	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.9	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.9	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.9	0.80	ug/kg	
67-66-3	Chloroform	ND	5.9	0.55	ug/kg	
124-48-1	Dibromochloromethane	ND	5.9	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.9	0.44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.9	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.9	0.37	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.9	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.9	0.62	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.9	0.38	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.9	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.48	ug/kg	
76-13-1	Freon 113	ND	5.9	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.9	2.8	ug/kg	
75-09-2	Methylene chloride	ND	5.9	0.34	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.9	0.30	ug/kg	
127-18-4	Tetrachloroethene	1.7	5.9	0.55	ug/kg	J
108-88-3	Toluene	0.79	1.2	0.39	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.9	0.62	ug/kg	
79-01-6	Trichloroethene	ND	5.9	0.35	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.9	2.6	ug/kg	
75-01-4	Vinyl chloride	ND	5.9	0.75	ug/kg	
1330-20-7	Xylene (total)	1.7	2.4	0.35	ug/kg	J

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

Page 2 of 2

2.9
2

Client Sample ID:	MW-14 (7.5-8.5)	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-9	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	86.4
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		67-125%
17060-07-0	1,2-Dichloroethane-D4	98%		64-131%
2037-26-5	Toluene-D8	107%		73-124%
460-00-4	4-Bromofluorobenzene	86%		61-136%

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

Page 1 of 2

Client Sample ID:	EB112308(A)		
Lab Sample ID:	JA6508-10	Date Sampled:	11/23/08
Matrix:	AQ - Equipment Blank	Date Received:	11/25/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148979.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	0.31	1.0	0.15	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	EB112308(A)	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-10	Date Received:	11/25/08
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		72-120%
17060-07-0	1,2-Dichloroethane-D4	91%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	89%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-12	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-11	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148980.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

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

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	11.4	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	1.7	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	1.2	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.6	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	0.36	1.0	0.15	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	2.7	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-12	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-11	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		72-120%
17060-07-0	1,2-Dichloroethane-D4	91%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	89%		69-126%

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

Page 1 of 2

Client Sample ID:	IP-1						
Lab Sample ID:	JA6508-12				Date Sampled:	11/23/08	
Matrix:	AQ - Ground Water				Date Received:	11/25/08	
Method:	SW846 8260B				Percent Solids:	n/a	
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY						
Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	D148981.D	1	12/02/08	OTR	n/a	n/a	VD5972

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.9	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	17.2	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-60-5	trans-1,2-Dichloroethene	3.0	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	0.57	1.0	0.15	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	2.3	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	IP-1	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-12	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		72-120%
17060-07-0	1,2-Dichloroethane-D4	92%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	88%		69-126%

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

Page 1 of 2

Client Sample ID:	EB112308(B)	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-13	Date Received:	11/25/08
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B	Project: ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	D148982.D	1	12/02/08	OTR	n/a	n/a	VD5972

	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	0.31	1.0	0.15	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	EB112308(B)	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-13	Date Received:	11/25/08
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		72-120%
17060-07-0	1,2-Dichloroethane-D4	93%		59-137%
2037-26-5	Toluene-D8	96%		73-116%
460-00-4	4-Bromofluorobenzene	90%		69-126%

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

Page 1 of 2

Client Sample ID:	FB112308						
Lab Sample ID:	JA6508-14				Date Sampled:	11/23/08	
Matrix:	AQ - Field Blank Soil				Date Received:	11/25/08	
Method:	SW846 8260B				Percent Solids:	n/a	
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY						
Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	D149061.D	1	12/04/08	OTR	n/a	n/a	VD5977

	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	0.38	2.0	0.16	ug/l	J
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	0.97	1.0	0.15	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	FB112308	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-14	Date Received:	11/25/08
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		72-120%
17060-07-0	1,2-Dichloroethane-D4	96%		59-137%
2037-26-5	Toluene-D8	95%		73-116%
460-00-4	4-Bromofluorobenzene	92%		69-126%

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

Page 1 of 2

Client Sample ID:	IP-2	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-15	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X86235.D	1	12/03/08	YXC	n/a	n/a	VX3588
Run #2							

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

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.8	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	10.1	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	4.5	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	0.38	1.0	0.29	ug/l	J
156-60-5	trans-1,2-Dichloroethene	5.9	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	15.8	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	0.42	1.0	0.24	ug/l	J
79-01-6	Trichloroethene	6.6	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	0.40	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	IP-2	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-15	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-120%
17060-07-0	1,2-Dichloroethane-D4	94%		59-137%
2037-26-5	Toluene-D8	104%		73-116%
460-00-4	4-Bromofluorobenzene	99%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-13	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-16	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148985.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

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

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10.3	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	4.5	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	10.1	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	0.94	1.0	0.29	ug/l	J
156-60-5	trans-1,2-Dichloroethene	0.82	1.0	0.16	ug/l	J
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	0.72	1.0	0.27	ug/l	J
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	199	1.0	0.29	ug/l	
108-88-3	Toluene	1.1	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	5.2	1.0	0.24	ug/l	
79-01-6	Trichloroethene	10.8	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	3.8	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-13	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-16	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		72-120%
17060-07-0	1,2-Dichloroethane-D4	88%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	87%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-14	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-17	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X86234.D	1	12/03/08	YXC	n/a	n/a	VX3588
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	0.20	2.0	0.16	ug/l	J
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	0.56	1.0	0.16	ug/l	J
124-48-1	Dibromochloromethane	1.2	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	9.0	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	0.59	1.0	0.29	ug/l	J
156-60-5	trans-1,2-Dichloroethene	1.7	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	62.1	1.0	0.29	ug/l	
108-88-3	Toluene	0.22	1.0	0.15	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	1.8	1.0	0.24	ug/l	
79-01-6	Trichloroethene	13.3	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	0.22	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

2.17
2

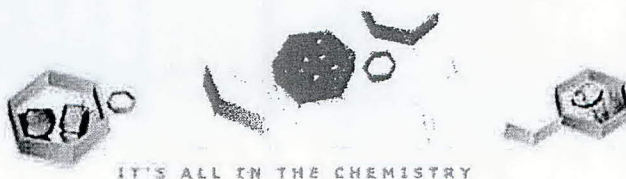
Client Sample ID:	MW-14	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-17	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-120%
17060-07-0	1,2-Dichloroethane-D4	92%		59-137%
2037-26-5	Toluene-D8	103%		73-116%
460-00-4	4-Bromofluorobenzene	102%		69-126%

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



IT'S ALL IN THE CHEMISTRY



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



PAGE OF

FLIGHT NO. 196137943242	Guide Order Control #	JAG508+
Account Code #	Account Job #	5555

[illegible]

Page 1 of 2

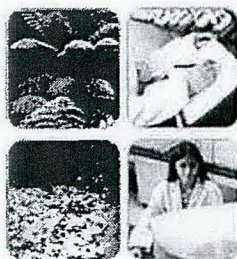
2215 Route 130, Dayton, NJ 08210
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

VEDES Tagging # 7967 3794 3242 Bottle Order Count # JA6508
Accutest Quote # JA6506 Accutest Job # JA6506

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)												Matrix Codes													
Company Name <u>Woodward & Curren</u>		Project Name <u>Emr. Texaco Hanger D. Westchester Co. Airport</u>														DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank													
Street Address <u>1520 Highland Ave.</u>		Street <u>176A Airport Rd.</u>																											
City <u>Cheshire, CT</u>		City <u>White Plains, NY</u>																											
State <u>CT</u>		State <u>NY</u>																											
Project Contact <u>Anne Proctor</u>		Project # <u>1161379 (GES)</u>		Billing Information (if different from Report to)																									
Phone # <u>203-271-0379</u>		Fax # <u>27952</u>		Company Name <u>GES</u>																									
Email <u>J. Simms 844-837-5195</u>		Client Purchase Order # <u>4509465274</u>		Street Address <u>70 Jan Barre Rd. Suite B</u>																									
Sample(s) Name(s) <u>J. Simms</u>		Project Manager <u>M. Lomonte</u>		City <u>Port Jervis, NY</u>																									
Phone # <u>844-837-5195</u>		Attention <u>M. DeGloria</u>		State <u>NY</u>																									
Field ID / Point of Collection		MECHON Val #		Date		Time		Sampled by		Matrix		# of bottles		HCl		HNO3		H2SO4		HClO4		Di Water		MeOH		H2O2		LAB USE ONLY	
12 IP-1				11/23/08		1204		JS		GW		3		✓															
13 EB112308 (B)				11/23/08		1228		JS		EB		3		✓															
14 FB112308				11/23/08		1237		JS		FB		3		✓															
15 IP-2				11/23/08		1314		JS		GW		3		✓															
16 MW-13				11/23/08		1336		JS		GW		3		✓															
17 MW-14				11/23/08		1406		JS		GW		3		✓															
Turnaround Time (Business days)		Approved By (Accutest PM) / Date:		Data Deliverable Information		Comments / Special Instructions																							
☐ Std. 15 Business Days ☒ Std. 10 Business Days (by Contract only) ☐ 10 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY Emergency & Rush T/A data available via Lablink		☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ FULLT1 (Level 3+4) ☐ NJ Reduced ☐ Commercial "C" Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data		☐ NYASP Category A ☐ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other																									
Sample Custody must be documented below each time samples change possession, including courier delivery.																													
Relinquished by: <u>J. Simms</u>		Date/Time: <u>11/23/08</u>		Received By: <u>1. Frisc</u>		Date/Time: <u>11/25/08</u>		Received By: <u>2. Maxima</u>																					
Relinquished by: <u>Maxima</u>		Date/Time: <u>11/24/08</u>		Received By: <u>3. FedEx</u>		Date/Time: <u>11/25/08</u>		Received By: <u>4. Maxima</u>																					
Relinquished by: <u>5. Maxima</u>		Date/Time: <u>11/25/08</u>		Received By: <u>5. Maxima</u>		Date/Time: <u>11/25/08</u>		Received By: <u>5. Maxima</u>																					
Custody Seal #		Preserved where applicable		On Ice		Cooler Temp.																							
						2.8																							



12/15/08



Technical Report for

Woodard & Curran

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

PO#4509465274 WBS#08

Accutest Job Number: JA6508R

Sampling Dates: 11/22/08 - 11/23/08

Report to:

Woodard & Curran

Aproctor@woodardcurran.com

ATTN: Anne Proctor

Total number of pages in report: 26



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

David N. Speis

David N. Speis
VP Ops, 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, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Table of Contents

Sections:

1
2
3

-1-

Section 1: Sample Summary	3
Section 2: Sample Results	5
2.1: JA6508-1R: TRIP BLANK	6
2.2: JA6508-2R: MW-12 (6-8)	7
2.3: JA6508-3R: IP-1 (6-8)	8
2.4: JA6508-4R: FB112208	9
2.5: JA6508-5R: EB112208	10
2.6: JA6508-6R: IP-2 (7-9)	11
2.7: JA6508-7R: IP-3 (7-9)	12
2.8: JA6508-8R: MW-13 (7-9)	13
2.9: JA6508-9R: MW-14 (7.5-8.5)	14
2.10: JA6508-10R: EB112308(A)	15
2.11: JA6508-11R: MW-12	16
2.12: JA6508-12R: IP-1	17
2.13: JA6508-13R: EB112308(B)	18
2.14: JA6508-14R: FB112308	19
2.15: JA6508-15R: IP-2	20
2.16: JA6508-16R: MW-13	21
2.17: JA6508-17R: MW-14	22
Section 3: Misc. Forms	23
3.1: Chain of Custody	24

Sample Summary

Woodard & Curran

Job No: JA6508R

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
Project No: PO#4509465274 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JA6508-1R	11/23/08	14:06 JS	11/25/08	AQ	Trip Blank Water	TRIP BLANK
JA6508-2R	11/22/08	11:00 JS	11/25/08	SO	Soil	MW-12 (6-8)
JA6508-3R	11/22/08	12:15 JS	11/25/08	SO	Soil	IP-1 (6-8)
JA6508-4R	11/22/08	12:30 JS	11/25/08	AQ	Field Blank Soil	FBI12208
JA6508-5R	11/22/08	12:48 JS	11/25/08	AQ	Equipment Blank	EB112208
JA6508-6DR	11/22/08	13:30 JS	11/25/08	SO	Soil Dup/MSD	IP-2 (7-9)
JA6508-6R	11/22/08	13:25 JS	11/25/08	SO	Soil	IP-2 (7-9)
JA6508-6SR	11/22/08	13:30 JS	11/25/08	SO	Soil Matrix Spike	IP-2 (7-9)
JA6508-7R	11/22/08	14:15 JS	11/25/08	SO	Soil	IP-3 (7-9)
JA6508-8R	11/22/08	14:35 JS	11/25/08	SO	Soil	MW-13 (7-9)
JA6508-9R	11/23/08	10:40 JS	11/25/08	SO	Soil	MW-14 (7.5-8.5)
JA6508-10R	11/23/08	11:40 JS	11/25/08	AQ	Equipment Blank	EB112308(A)
JA6508-11R	11/23/08	11:31 JS	11/25/08	AQ	Ground Water	MW-12

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Woodard & Curran

Job No: JA6508R

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
Project No: PO#4509465274 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
JA6508-12R	11/23/08	12:04 JS	11/25/08	AQ Ground Water	IP-1
JA6508-13R	11/23/08	12:28 JS	11/25/08	AQ Equipment Blank	EB112308(B)
JA6508-14R	11/23/08	12:37 JS	11/25/08	AQ Field Blank Soil	FB112308
JA6508-15R	11/23/08	13:14 JS	11/25/08	AQ Ground Water	IP-2
JA6508-16R	11/23/08	13:36 JS	11/25/08	AQ Ground Water	MW-13
JA6508-17R	11/23/08	14:06 JS	11/25/08	AQ Ground Water	MW-14

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JA6508-1R	Date Sampled:	11/23/08
Matrix:	AQ - Trip Blank Water	Date Received:	11/25/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148976R.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	82%		72-120%
17060-07-0	1,2-Dichloroethane-D4	88%		59-137%
2037-26-5	Toluene-D8	95%		73-116%
460-00-4	4-Bromofluorobenzene	87%		69-126%

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

Page 1 of 1

Client Sample ID:	MW-12 (6-8)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-2R	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85835R.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	0.49	5.3	0.39	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		67-125%
17060-07-0	1,2-Dichloroethane-D4	87%		64-131%
2037-26-5	Toluene-D8	103%		73-124%
460-00-4	4-Bromofluorobenzene	84%		61-136%

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

Page 1 of 1

Client Sample ID:	IP-1 (6-8)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-3R	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85836R.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	5.6	0.40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		67-125%
17060-07-0	1,2-Dichloroethane-D4	98%		64-131%
2037-26-5	Toluene-D8	104%		73-124%
460-00-4	4-Bromofluorobenzene	86%		61-136%

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

Page 1 of 1

2.4
2

Client Sample ID:	FB112208	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-4R	Date Received:	11/25/08
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148977R.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	82%		72-120%
17060-07-0	1,2-Dichloroethane-D4	87%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	89%		69-126%

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

Page 1 of 1

Client Sample ID:	EB112208	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-5R	Date Received:	11/25/08
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148978R.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		72-120%
17060-07-0	1,2-Dichloroethane-D4	88%		59-137%
2037-26-5	Toluene-D8	95%		73-116%
460-00-4	4-Bromofluorobenzene	89%		69-126%

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

Page 1 of 1

Client Sample ID:	IP-2 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-6R	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	86.1
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85837R.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	1.0	5.6	0.40	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		67-125%
17060-07-0	1,2-Dichloroethane-D4	96%		64-131%
2037-26-5	Toluene-D8	104%		73-124%
460-00-4	4-Bromofluorobenzene	86%		61-136%

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

Page 1 of 1

Client Sample ID:	IP-3 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-7R	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B	Project: ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85838R.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	0.87	4.9	0.35	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		67-125%
17060-07-0	1,2-Dichloroethane-D4	97%		64-131%
2037-26-5	Toluene-D8	105%		73-124%
460-00-4	4-Bromofluorobenzene	87%		61-136%

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

Page 1 of 1

Client Sample ID:	MW-13 (7-9)	Date Sampled:	11/22/08
Lab Sample ID:	JA6508-8R	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	87.3
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85839R.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

Run #	Initial Weight
Run #1	4.6 g
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		67-125%
17060-07-0	1,2-Dichloroethane-D4	96%		64-131%
2037-26-5	Toluene-D8	105%		73-124%
460-00-4	4-Bromofluorobenzene	85%		61-136%

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

Page 1 of 1

Client Sample ID:	MW-14 (7.5-8.5)	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-9R	Date Received:	11/25/08
Matrix:	SO - Soil	Percent Solids:	86.4
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V85840R.D	1	12/03/08	JLI	n/a	n/a	VV3478
Run #2							

	Initial Weight
Run #1	4.9 g
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	0.97	5.9	0.43	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		67-125%
17060-07-0	1,2-Dichloroethane-D4	98%		64-131%
2037-26-5	Toluene-D8	107%		73-124%
460-00-4	4-Bromofluorobenzene	86%		61-136%

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

Page 1 of 1

Client Sample ID:	EB112308(A)	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-10R	Date Received:	11/25/08
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148979R.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		72-120%
17060-07-0	1,2-Dichloroethane-D4	91%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	89%		69-126%

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

Page 1 of 1

Client Sample ID:	MW-12	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-11R	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B	Project: ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148980R.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	28.5	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		72-120%
17060-07-0	1,2-Dichloroethane-D4	91%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	89%		69-126%

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

Page 1 of 1

Client Sample ID:	IP-1	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-12R	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	D148981R.D	1	12/02/08	OTR	n/a	n/a	VD5972

Run #1	Purge Volume
Run #2	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	30.2	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		72-120%
17060-07-0	1,2-Dichloroethane-D4	92%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	88%		69-126%

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

Page 1 of 1

Client Sample ID:	EB112308(B)	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-13R	Date Received:	11/25/08
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148982R.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		72-120%
17060-07-0	1,2-Dichloroethane-D4	93%		59-137%
2037-26-5	Toluene-D8	96%		73-116%
460-00-4	4-Bromofluorobenzene	90%		69-126%

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

Page 1 of 1

Client Sample ID:	FB112308	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-14R	Date Received:	11/25/08
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D149061R.D	1	12/04/08	OTR	n/a	n/a	VD5977
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		72-120%
17060-07-0	1,2-Dichloroethane-D4	96%		59-137%
2037-26-5	Toluene-D8	95%		73-116%
460-00-4	4-Bromofluorobenzene	92%		69-126%

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

Page 1 of 1

Client Sample ID:	IP-2	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-15R	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X86235R.D	1	12/03/08	YXC	n/a	n/a	VX3588
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	60.8	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-120%
17060-07-0	1,2-Dichloroethane-D4	94%		59-137%
2037-26-5	Toluene-D8	104%		73-116%
460-00-4	4-Bromofluorobenzene	99%		69-126%

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

Page 1 of 1

Client Sample ID:	MW-13	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-16R	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D148985R.D	1	12/02/08	OTR	n/a	n/a	VD5972
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	56.5	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		72-120%
17060-07-0	1,2-Dichloroethane-D4	88%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	87%		69-126%

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

Page 1 of 1

Client Sample ID:	MW-14	Date Sampled:	11/23/08
Lab Sample ID:	JA6508-17R	Date Received:	11/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	X86234R.D	1	12/03/08	YXC	n/a	n/a	VX3588

Run #1	Purge Volume
Run #2	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	60.4	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-120%
17060-07-0	1,2-Dichloroethane-D4	92%		59-137%
2037-26-5	Toluene-D8	103%		73-116%
460-00-4	4-Bromofluorobenzene	102%		69-126%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

2235 Route 130, Dayton, NJ 08810
TEL 732-329-0200 FAX: 732-329-3499/3489
www.accutest.com

1961319/3212
Matrix Codes: **JA6508**
Accutest Code: **5555**

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)												Matrix Codes	
Company Name Woodford & Curran		Project Name Emr. Tarmac Hanger D, Westchester Co. Airport		8220 TAGM LIT Soil Outdent Demand												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SD - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WIP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
Street Address 1520 Highland Ave.		Street 176A Airport Rd.															
City, State, Zip Cheshire, CT 06410		City, State, Zip White Plains, NY 10610															
Project Contact Anne Proctor		Project # 1101379 (GES)															
Phone # 203-271-0319		Client Purchase Order # 4509465274															
Samples Name(s) J. Simms 866-839-5195		Project Manager M. LAMARRE		Billing Information (if different from Report to) Company Name GES													
E-mail anne.proctor@woodfordcurran.com		Street Address 70 Jan Cornell Rd. Suite B		City, State, Zip Roseton, NY 12563													
Phone # 866-839-5195		Attention M. De Gloria															
Field ID / Point of Collection		VECHID/VOL	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	HClO4	None	Other	Comments / Special Instructions	LAB USE ONLY	
1 Trip Blank			11/5/08	0630	TB	Z	1										
2 MW-12 (6-8)			11/22/08	1100	JS	SO	1									407	
3 IP-1 (6-8)			11/22/08	1215	JS	SO	1									1905	
4 FB 112208			11/22/08	1230	JS	FB	3									508	
5 EB 112208			11/22/08	1248	JS	EB	3										
6 IP-2 (7-9) HSpoke			11/22/08	1330	JS	SO	1										
7 IP-2 (7-9)			11/22/08	1325	JS	SO	1										
8 IP-3 (7-9)			11/22/08	1415	JS	SO	1										
9 MW-13 (7-9)			11/22/08	1435	JS	SO	1										
10 MW-14 (7.5-8.5)			11/23/08	1040	JS	SO	2										
11 EB 112308 (A)			11/23/08	1100	JS	EB	3										
12 MW-12			11/23/08	1131	JS	GW	3										
Turnaround Time (Business days)		Approved By (Accutest PM) / Date:		Data Deliverable Information												Comments / Special Instructions	
☐ Std. 15 Business Days ☒ Std. 10 Business Days (by Contract only) ☐ 10 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY		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												* Forward sample to Corvus Corp., 1500 B th St., Bldg 45, Customer Service Lab, LaSalle, IL 61301	
Emergency & Rush TIA data available VSA Lablink		Sample Custody must be documented below each time samples change possession, including courier delivery:															
Retransmitted By: J. Simms		Date/Time: 11/23/08 1700		Received By: FRANC		Date/Time: 11/23/08 1030		Received By: M. De Gloria									
Retransmitted By: John Wallington		Date/Time: 11/24/08 1600		Received By: FEDEX		Date/Time: 11/24/08 1600		Received By: FEDEX									
Retransmitted By: John Wallington		Date/Time: 11/24/08 1600		Received By: FEDEX		Date/Time: 11/24/08 1600		Received By: FEDEX									
Custody Seal #		Preserved where applicable		On Ice		Cooler Temp.											

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

[illegible]

JA6508R: Chain of Custody

Page 2 of 3

Job Change Order:

JA6508²_12/10/2008

Requested Date:	12/10/2008	Received Date:	11/25/2008
Account Name:	Woodard & Curran	Due Date:	12/9/2008
Project Description:	ExxonMobil Terminal Orphin, Hanger D, Westchester	Deliverable:	COMMA
CSR:	MC	TAT (Days):	14

Sample #:
JA6508-all

Change: Please retrieve cis-1,2-DCE

Above Changes

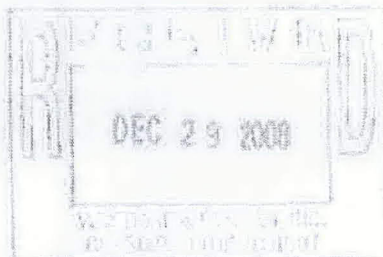
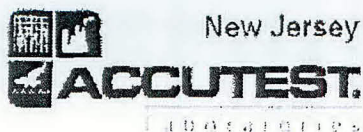
A proctor

Date: 12/10/2008

JA6508R: Chain of Custody
Page 3 of 3

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

Page 1 of 1



12/23/08

Technical Report for

Woodard & Curran

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

PO#4509465274 WBS#08

Accutest Job Number: JA6508X

Sampling Date: 11/23/08

Report to:

Woodard & Curran
1520 Highland Avenue
Cheshire, CT 06410

ATTN: Anne Proctor

Total number of pages in report:



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

David N. Speis
VP Ops, 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, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Accutest Laboratories

Sample Summary

Woodard & Curran

Job No: JA6508X

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
Project No: PO#4509465274 WBS#08

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA6508-9X	11/23/08	10:40 JS	11/25/08	SO	Soil	MW-14 (7.5-8.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



CHAIN OF CUSTODY

PAGE 0F

3255 Route 120, Dayton, NJ 08510
TEL: 732-229-2000 FAX: 732-229-3355

Client Reporting Information

Woodard & Curran
1520 Highland Ave.
Cheshire, CT

Project Information

Project Name: Env. Testing Hoga-D Westchester Co. Airport
Client: WKA Airport Rd.
City: White Plains, NY
State: NY
Zip: 10603

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Requested Analysis (see TEST CODE SHEET)

Requested Analysis: 8260 TAGM LIT
Sol: Organic Demand

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank

Matrix Codes

Matrix Codes:
ENV: Drinking Water
GWL: Ground Water
SW: Surface Water
SL: Sediment
SED: Sediment
CO: CO
LQ: LQ
AR: AR
SOL: Other Solid
WPC: WPC
FBI: FBI
EQU: Equipment Bank
RFB: Road Bank
TFT: Test Blank



CHAIN OF CUSTODY

PAGE ____ OF ____

3235 Route 170, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-1499 JAHU
WWW.ACCUTEST.COM

FEELT Tagging # **7967 3794 3282** SCRM Data Connect # **JAHSCB**
Assessor Date # **7/15/08** Assessor Job # **7/15/08**

Client / Reporting Information			Project Information			Requested Analysis (see TEST CODE sheet)												Matrix Codes	
Company Name Woodward & Curren			Project Name Emr. Texaco Hanger D. Westchester Co. Airport			8260 TAGM LIST												GW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SD - Soil SL - Sludge SED - Sediment OI - Oil UQ - Other Liquid AIR - Air SOL - Other Solid WP - Waste FB - Field Blank ES - Equipment Blank EB - Ring Blank TB - Test Blank	
Street Address 1520 Highland Ave.			Street 176A Airport Rd.																
City, State, Zip Cheshire, CT 06410			City, State, Zip White Plains, NY 10610																
Project Contact Anne Proctor			Project # 1161379 (GES)																
Phone # 203.271.0379			Client Purchase Order # 4509865274																
Sample Name(s) J. Simms 866-839-5195			Project Manager M. Lomonte			Billing Information (if different from Report to) Company Name GES												Matrix Codes	
Phone # 27952			Client Address 70 Jon Barrell Rd., Suite B			City, State, Zip Do Heron, NY 12563												Matrix Codes	
Phone # 866-839-5195			Phone # M. De Gloria			City, State, Zip Do Heron, NY 12563												Matrix Codes	
Turnaround Time (Business Days) ☐ Std. 15 Business Days ☒ Std. 10 Business Days (by Contract only) ☐ 10 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 _____ _____ _____ _____ _____			Data Deliverable Information ☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ FULLT (Level 3+) ☐ & I Reduction ☐ Commercial "C" ☐ NYASP Category A ☐ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other Comments / Special Instructions													
Sample Custody must be documented below each time samples change possession, including courier delivery.																			
Relinquished By J. Simms			Date Time 11/23/08			Received By Frige			Date Time 11/23/08			Relinquished By Frige			Date Time 11/23/08				
Relinquished By Frige			Date Time 11/24/08			Received By FEDEX			Date Time 11/24/08			Relinquished By FEDEX			Date Time 11/24/08				
Relinquished By FEDEX			Date Time 11/24/08			Received By FEDEX			Date Time 11/24/08			Relinquished By FEDEX			Date Time 11/24/08				
Relinquished By FEDEX			Date Time 11/24/08			Received By FEDEX			Date Time 11/24/08			Relinquished By FEDEX			Date Time 11/24/08				
Relinquished By FEDEX			Date Time 11/24/08			Received By FEDEX			Date Time 11/24/08			Relinquished By FEDEX			Date Time 11/24/08				



2235 Route 139, Dayton, NJ 08810
908-339-0290 FAX: 908-339-3489

Acculos: Quote #:

[illegible]

Date/Time: 11/26/08 11:13 AM
Accutest Job No. J6500X
Client Project: Westchester Co Airport
CSR: MC

Sub Lab: Carus Corporation
Address: 1500 Eighth St (bldg 45 Customer Svs Lab
LaSalle IL 61301
Contact: Beth Vlastnik
Phone: (815) 224-6654

Sample Managment receipt:

(Print form and sign/date. Submit this form to Login Dept. with the SUB COG.)

Date:

**SUBCONTRACT
DATA**



Carus Corporation
1500 Eighth Street
P. O. Box 1500
La Salle, IL 61301-3600
Tel (815) 224-6867
Fax (815) 224-6896

e-mail: beth.vlastnik@caruscorporation.com

To: Matt Cordova

Fax # (732) 329-3499

From: Beth Vlastnik

Date: 12/9/08

Number of Pages: 4 (including cover)

Dear Matt,

The permanganate natural oxidant demand report for one soil sample collected on November 23, 2008 from the Westchester Co. Airport Project (Project No. ~~16508X~~) is attached. If you have any questions, please do not hesitate to call.

JALV:8/8

Thank you,
Beth

(Handwritten signature)

Beth Vlastnik
Chemist
Carus Corporation
1500 Eighth Street
LaSalle, IL 61301
Tel 800-435-6856, ext 6867
Fax 815-224-6896
beth.vlastnik@caruscorporation.com

The information contained in this facsimile is privileged and/or confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you receive this communication in error, please notify us immediately by telephone, and return the original message to us at the above address via the U.S. Postal Service. Thank you.


CARUS®Carus Remediation Technologies
Remediation Report

9 December 2008

Customer: Accutest
2235 Route 130
Dayton, NJ 08810Cc: M. Dings
P. Dugan
K. Frasco
J. Tarka

Attention: Matt Cordova

From: B. Vlastnik

TECH # 10941

Subject: RemOx® S ISCO Reagent Permanganate Natural Oxidant Demand

Summary

The average RemOx® S ISCO Reagent permanganate natural oxidant demand (PNOD) for the soil sample at 48 hours was determined to be 5.6 g/kg. This value is calculated on a weight as potassium permanganate (KMnO_4) per dry weight of soil. Based on this soil demand, in-situ chemical oxidation with permanganate is recommended for this site.

Background

One soil sample was received from Accutest from the Westchester County Airport Project (Project #16508X) on December 2, 2008. The soil sample designation was 16508X-9. The sample was analyzed for permanganate natural oxidant demand following ASTM D7262-07 Test Method A. The measurement of the permanganate natural oxidant demand is used to estimate the concentration of permanganate that will be consumed by the natural reducing agents during a given time period of 48 hours.

TAGS08X-9
12/9/08**Experimental**

The sample was analyzed for permanganate natural oxidant demand following ASTM D7262-07 Test Method A. A brief summary is as follows:

To determine the PNOD, the soil was baked at 105°C for 24 hours then allowed to cool to room temperature. The soil was then blended and passed through a U.S. 10 sieve (2 mm). For each sample, reactors were loaded with 50 grams soil and 100 mL of 20.0 g/L KMnO_4 for an initial dose of 40.0 g/kg KMnO_4 on a dry soil weight basis at a 1:2 soil to aqueous reagent ratio. The soil dose was performed in triplicate. The reaction vessels were inverted once to mix the reagents. Residual permanganate (MnO_4^-) was determined at 48 hours. The demands were calculated on a dry weight basis.

Results

The permanganate demand is the amount of permanganate consumed in a given amount of time. It should be noted that in a soil or groundwater sample, the oxidation of any compound by permanganate is dependent on the initial dose of permanganate and the reaction time available.

As the permanganate dose is increased, the reaction rate and oxidant consumption may also increase. Some compounds that are not typically oxidized by permanganate under low doses can become reactive with permanganate at higher concentrations.

The 48-hour PNOD results can be seen in Table 1 (on a dry soil basis).

Table 1: 48-hour PNOD *

Soil Sample Identification	Average and Standard Deviation (g/kg)	Replicate 1 (g/kg)	Replicate 2 (g/kg)	Replicate 3 (g/kg)
JAGSON-1 ②-4347 J6508X-9 11/23/08 10:40	5.6 ± 0.2	5.7	5.5	5.7

*Demands were calculated on a weight KMnO_4 /dry soil weight basis from an initial dose of 40.0 g/kg KMnO_4 initial dose at a 1:2 soil to aqueous solution ratio.

Conclusions

For this application the amount of permanganate needed will be dependent on the reaction time allowed. The soil sample had a low demand with an average 48-hour permanganate demand value of 5.6 g/kg. Generally, remediation sites with a soil demand of less than 20.0 g/kg at 48 hours are favorable for in-situ chemical oxidation with permanganate (see Table 2 for additional information). A pilot study or good characterization is generally recommended to confirm laboratory results and determine the parameters for a full-scale trial.

Table 2: Correlation of Permanganate Natural Oxidant Demand Results*

PNOD (g/kg)	Rank	Comment
<10	Low	ISCO with MnO_4^- is recommended. Soil contribution to MnO_4^- demand is low.
10-20	Moderate	ISCO with MnO_4^- is recommended. Soil contribution to MnO_4^- demand is moderate. Economics should be considered.
>20	High	ISCO with MnO_4^- is technically feasible. Other technologies may provide lower cost alternatives.

*Dry Weight Basis

Rem(Ox)[®] ISCO Reagent is a registered trademark of Curus Corporation



01/07/09

Technical Report for

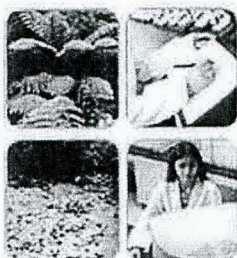
Woodard & Curran

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

PO#4509465274 WBS#08

Accutest Job Number: JA8637

Sampling Date: 12/19/08



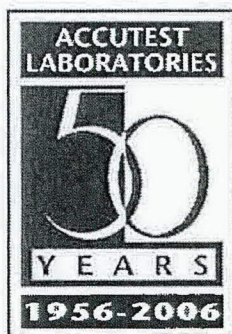
Report to:

Woodard & Curran

Aproctor@woodardcurran.com

ATTN: Anne Proctor

Total number of pages in report: 44



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

David N. Speis
David N. Speis
VP Ops, 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, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Table of Contents

Sections:

1
2
3

-1-

Section 1: Sample Summary	3
Section 2: Sample Results	5
2.1: JA8637-1: MW-01	6
2.2: JA8637-2: MW-02	8
2.3: JA8637-3: MW-03	10
2.4: JA8637-4: MW-04	12
2.5: JA8637-5: MW-07S	14
2.6: JA8637-6: MW-07D	16
2.7: JA8637-7: MW-08S	18
2.8: JA8637-8: MW-09S	20
2.9: JA8637-9: MW-09D	22
2.10: JA8637-10: MW-10S	24
2.11: JA8637-11: MW-10D	26
2.12: JA8637-12: GP-3	28
2.13: JA8637-13: GP-2B	30
2.14: JA8637-14: MW-13	32
2.15: JA8637-15: TRIP BLANK	34
2.16: JA8637-16: FIELD BLANK	36
2.17: JA8637-17: MW-14	38
2.18: JA8637-18: CONDENSATE	40
Section 3: Misc. Forms	42
3.1: Chain of Custody	43

Woodard & Curran

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
Project No: PO#4509465274 WBS#08

3 of 44
ACCUTEST.
JA8637

Sample Summary
(continued)

Woodard & Curran

Job No: JA8637

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
Project No: PO#4509465274 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
JA8637-14	12/19/08	09:20 MB	12/23/08	AQ Ground Water	MW-13
JA8637-15	12/19/08	15:05 MB	12/23/08	AQ Trip Blank Water	TRIP BLANK
JA8637-16	12/19/08	09:05 MB	12/23/08	AQ Field Blank Water	FIELD BLANK
JA8637-17	12/19/08	11:15 MB	12/23/08	AQ Ground Water	MW-14
JA8637-18	12/19/08	00:00 MB	12/23/08	AQ Ground Water	CONDENSATE



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 2

Client Sample ID:	MW-01	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-1	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71488.D	1	12/26/08	TGE	n/a	n/a	V1A3045
Run #2							

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

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.4	10	2.1	ug/l	J
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	14.0	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	0.53	1.0	0.29	ug/l	J
156-59-2	cis-1,2-Dichloroethene	74.6	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	20.0	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	1.5	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	9.4	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-01	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-1	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		72-120%
17060-07-0	1,2-Dichloroethane-D4	112%		59-137%
2037-26-5	Toluene-D8	93%		73-116%
460-00-4	4-Bromofluorobenzene	97%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-02	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-2	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71489.D	1	12/27/08	TGE	n/a	n/a	V1A3045
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	1.2	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	22.7	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	0.51	1.0	0.29	ug/l	J
156-59-2	cis-1,2-Dichloroethene	47.1	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.2	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	3.2	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	43.3	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-02	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-2	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		72-120%
17060-07-0	1,2-Dichloroethane-D4	112%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	97%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-03	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-3	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71490.D	1	12/27/08	TGE	n/a	n/a	V1A3045
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	0.52	1.0	0.22	ug/l	J
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.43	1.0	0.25	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	0.65	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-03	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-3	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		72-120%
17060-07-0	1,2-Dichloroethane-D4	117%		59-137%
2037-26-5	Toluene-D8	91%		73-116%
460-00-4	4-Bromofluorobenzene	91%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-04	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-4	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71491.D	1	12/27/08	TGE	n/a	n/a	V1A3045
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	1.6	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	0.33	1.0	0.18	ug/l	J
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.96	1.0	0.24	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.72	1.0	0.25	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	2.3	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-04	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-4	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		72-120%
17060-07-0	1,2-Dichloroethane-D4	119%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	95%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-07S	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-5	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71572.D	1	12/29/08	TGE	n/a	n/a	V1A3048
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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	41.2	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	15.6	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	53.1	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	3.4	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	24.0	1.0	0.24	ug/l	
79-01-6	Trichloroethene	13.1	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	13.9	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-07S	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-5	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		72-120%
17060-07-0	1,2-Dichloroethane-D4	110%		59-137%
2037-26-5	Toluene-D8	93%		73-116%
460-00-4	4-Bromofluorobenzene	98%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-07D	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-6	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71493.D	1	12/27/08	TGE	n/a	n/a	V1A3045
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	78.1	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	19.1	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	37.9	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	1.6	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	12.3	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	3.3	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-07D	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-6	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		72-120%
17060-07-0	1,2-Dichloroethane-D4	115%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	98%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-08S	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-7	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71573.D	1	12/29/08	TGE	n/a	n/a	V1A3048
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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	0.64	1.0	0.16	ug/l	J
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	19.3	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	1.9	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	133	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	4.6	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	182	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	9.0	1.0	0.24	ug/l	
79-01-6	Trichloroethene	64.7	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-08S	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-7	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		72-120%
17060-07-0	1,2-Dichloroethane-D4	116%		59-137%
2037-26-5	Toluene-D8	91%		73-116%
460-00-4	4-Bromofluorobenzene	94%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-09S	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-8	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71495.D	1	12/27/08	TGE	n/a	n/a	V1A3045
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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.32	1.0	0.25	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	0.49	1.0	0.29	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-09S	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-8	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		72-120%
17060-07-0	1,2-Dichloroethane-D4	119%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	96%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-09D	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-9	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71574.D	1	12/29/08	TGE	n/a	n/a	V1A3048
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	1.3	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.8	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	7.9	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	0.74	1.0	0.18	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-09D	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-9	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		72-120%
17060-07-0	1,2-Dichloroethane-D4	117%		59-137%
2037-26-5	Toluene-D8	91%		73-116%
460-00-4	4-Bromofluorobenzene	97%		69-126%

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

Page 1 of 2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71497.D	1	12/27/08	TGE	n/a	n/a	V1A3045
Run #2							

Run #1	Purge Volume	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	31.4	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	4.7	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	23.6	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	0.70	1.0	0.29	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	2.3	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	3.8	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

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

Report of Analysis

Page 2 of 2

Client Sample ID:	MW-10S	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-10	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		72-120%
17060-07-0	1,2-Dichloroethane-D4	116%		59-137%
2037-26-5	Toluene-D8	91%		73-116%
460-00-4	4-Bromofluorobenzene	95%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-10D	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-11	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71498.D	1	12/27/08	TGE	n/a	n/a	V1A3045
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	15.7	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	27.7	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	0.35	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-10D	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-11	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		72-120%
17060-07-0	1,2-Dichloroethane-D4	119%		59-137%
2037-26-5	Toluene-D8	94%		73-116%
460-00-4	4-Bromofluorobenzene	96%		69-126%

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

Page 1 of 2

Client Sample ID:	GP-3	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-12	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71617.D	1	12/30/08	TGE	n/a	n/a	V1A3050
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	0.32	1.0	0.16	ug/l	J
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	30.1	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	1.9	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	151	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	6.3	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	95.5	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	3.8	1.0	0.24	ug/l	
79-01-6	Trichloroethene	79.0	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	3.9	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	GP-3	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-12	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		72-120%
17060-07-0	1,2-Dichloroethane-D4	112%		59-137%
2037-26-5	Toluene-D8	91%		73-116%
460-00-4	4-Bromofluorobenzene	93%		69-126%

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

Page 1 of 2

Client Sample ID:	GP-2B						
Lab Sample ID:	JA8637-13				Date Sampled:	12/19/08	
Matrix:	AQ - Ground Water				Date Received:	12/23/08	
Method:	SW846 8260B				Percent Solids:	n/a	
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71500.D	1	12/27/08	TGE	n/a	n/a	V1A3045
Run #2	1A71501.D	5	12/27/08	TGE	n/a	n/a	V1A3045

	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	32.8	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	1.5	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	226 ^a	5.0	1.2	ug/l	
156-60-5	trans-1,2-Dichloroethene	10.7	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	0.47	1.0	0.29	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	2.6	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	9.4	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	GP-2B	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-13	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%	112%	72-120%
17060-07-0	1,2-Dichloroethane-D4	117%	118%	59-137%
2037-26-5	Toluene-D8	95%	93%	73-116%
460-00-4	4-Bromofluorobenzene	96%	95%	69-126%

(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

Page 1 of 2

Client Sample ID:	MW-13	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-14	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71620.D	2.5	12/30/08	TGE	n/a	n/a	V1A3050
Run #2							

Run #	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	25	5.4	ug/l	
71-43-2	Benzene	ND	2.5	0.65	ug/l	
78-93-3	2-Butanone (MEK)	ND	25	5.7	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.39	ug/l	
56-23-5	Carbon tetrachloride	ND	2.5	0.44	ug/l	
108-90-7	Chlorobenzene	ND	2.5	0.48	ug/l	
75-00-3	Chloroethane	ND	2.5	0.55	ug/l	
67-66-3	Chloroform	0.85	2.5	0.41	ug/l	J
124-48-1	Dibromochloromethane	ND	2.5	0.40	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.46	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.65	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.55	ug/l	
75-34-3	1,1-Dichloroethane	16.8	2.5	0.60	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.5	0.87	ug/l	
75-35-4	1,1-Dichloroethene	1.4	2.5	0.73	ug/l	J
156-59-2	cis-1,2-Dichloroethene	84.9	2.5	0.62	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.40	ug/l	
142-28-9	1,3-Dichloropropane	ND	13	0.49	ug/l	
100-41-4	Ethylbenzene	ND	2.5	0.67	ug/l	
76-13-1	Freon 113	ND	13	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	13	3.4	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.33	ug/l	
127-18-4	Tetrachloroethene	256	2.5	0.73	ug/l	
108-88-3	Toluene	ND	2.5	0.38	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	13	3.2	ug/l	
71-55-6	1,1,1-Trichloroethane	11.7	2.5	0.60	ug/l	
79-01-6	Trichloroethene	12.4	2.5	0.46	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	13	3.3	ug/l	
75-01-4	Vinyl chloride	ND	2.5	0.52	ug/l	
1330-20-7	Xylene (total)	ND	2.5	0.96	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

Page 2 of 2

Client Sample ID:	MW-13	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-14	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		72-120%
17060-07-0	1,2-Dichloroethane-D4	115%		59-137%
2037-26-5	Toluene-D8	91%		73-116%
460-00-4	4-Bromofluorobenzene	95%		69-126%

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

Page 1 of 2

Client Sample ID:	TRIP BLANK	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-15	Date Received:	12/23/08
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71503.D	1	12/27/08	TGE	n/a	n/a	V1A3045
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	0.71	1.0	0.29	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	TRIP BLANK	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-15	Date Received:	12/23/08
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		72-120%
17060-07-0	1,2-Dichloroethane-D4	120%		59-137%
2037-26-5	Toluene-D8	93%		73-116%
460-00-4	4-Bromofluorobenzene	95%		69-126%

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

Page 1 of 2

Client Sample ID: FIELD BLANK			
Lab Sample ID: JA8637-16		Date Sampled: 12/19/08	
Matrix: AQ - Field Blank Water		Date Received: 12/23/08	
Method: SW846 8260B		Percent Solids: n/a	
Project: ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY			

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71504.D	1	12/27/08	TGE	n/a	n/a	V1A3045
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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	JA8637-16	Date Sampled:	12/19/08
Matrix:	AQ - Field Blank Water	Date Received:	12/23/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		72-120%
17060-07-0	1,2-Dichloroethane-D4	122%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	96%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-14	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-17	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71618.D	1	12/30/08	TGE	n/a	n/a	V1A3050
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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	0.74	1.0	0.16	ug/l	J
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	16.1	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	1.8	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	105	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.0	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	146	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	5.8	1.0	0.24	ug/l	
79-01-6	Trichloroethene	20.3	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	0.61	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-14	Date Sampled:	12/19/08
Lab Sample ID:	JA8637-17	Date Received:	12/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		72-120%
17060-07-0	1,2-Dichloroethane-D4	111%		59-137%
2037-26-5	Toluene-D8	90%		73-116%
460-00-4	4-Bromofluorobenzene	94%		69-126%

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

Page 1 of 2

Client Sample ID:	CONDENSATE		
Lab Sample ID:	JA8637-18	Date Sampled:	12/19/08
Matrix:	AQ - Ground Water	Date Received:	12/23/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A71619.D	1	12/30/08	TGE	n/a	n/a	V1A3050
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.66	1.0	0.24	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.30	1.0	0.25	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	0.58	1.0	0.29	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	0.58	1.0	0.24	ug/l	J
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	CONDENSATE		
Lab Sample ID:	JA8637-18	Date Sampled:	12/19/08
Matrix:	AQ - Ground Water	Date Received:	12/23/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		72-120%
17060-07-0	1,2-Dichloroethane-D4	115%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	95%		69-126%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA8637

Client Information				Facility Information				Analytical Information																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
EXXONMOBIL CORPORATION- Regional Laboratory Program NY,NJ																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Consultants Company Name				Project Name																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Woodard & Curran				Exxon-Mobil Westchester County Airport Hangar D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Address				Street																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1520 Highland Ave.				240 Airport Rd.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
City State Zip				City State																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Cheshire CT				White Plains NY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Project Contact: Anne Proctor				ExxonMobil Manager Michael Lamarre																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Samplers Name: John Simms				ExxonMobil Manager Phone # 401-434-7358																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Phone # 203-271-0379 FAX: 203-271-7952				Location ID# N/A WBS#																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
AFE #				PO# 4509465274 Line#																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Accutest		Collection		Preservation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Sample #	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	Q	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100	Q101	Q102	Q103	Q104	Q105	Q106	Q107	Q108	Q109	Q110	Q111	Q112	Q113	Q114	Q115	Q116	Q117	Q118	Q119	Q120	Q121	Q122	Q123	Q124	Q125	Q126	Q127	Q128	Q129	Q130	Q131	Q132	Q133	Q134	Q135	Q136	Q137	Q138	Q139	Q140	Q141	Q142	Q143	Q144	Q145	Q146	Q147	Q148	Q149	Q150	Q151	Q152	Q153	Q154	Q155	Q156	Q157	Q158	Q159	Q160	Q161	Q162	Q163	Q164	Q165	Q166	Q167	Q168	Q169	Q170	Q171	Q172	Q173	Q174	Q175	Q176	Q177	Q178	Q179	Q180	Q181	Q182	Q183	Q184	Q185	Q186	Q187	Q188	Q189	Q190	Q191	Q192	Q193	Q194	Q195	Q196	Q197	Q198	Q199	Q200	Q201	Q202	Q203	Q204	Q205	Q206	Q207	Q208	Q209	Q210	Q211	Q212	Q213	Q214	Q215	Q216	Q217	Q218	Q219	Q220	Q221	Q222	Q223	Q224	Q225	Q226	Q227	Q228	Q229	Q230	Q231	Q232	Q233	Q234	Q235	Q236	Q237	Q238	Q239	Q240	Q241	Q242	Q243	Q244	Q245	Q246	Q247	Q248	Q249	Q250	Q251	Q252	Q253	Q254	Q255	Q256	Q257	Q258	Q259	Q260	Q261	Q262	Q263	Q264	Q265	Q266	Q267	Q268	Q269	Q270	Q271	Q272	Q273	Q274	Q275	Q276	Q277	Q278	Q279	Q280	Q281	Q282	Q283	Q284	Q285	Q286	Q287	Q288	Q289	Q290	Q291	Q292	Q293	Q294	Q295	Q296	Q297	Q298	Q299	Q300	Q301	Q302	Q303	Q304	Q305	Q306	Q307	Q308	Q309	Q310	Q311	Q312	Q313	Q314	Q315	Q316	Q317	Q318	Q319	Q320	Q321	Q322	Q323	Q324	Q325	Q326	Q327	Q328	Q329	Q330	Q331	Q332	Q333	Q334	Q335	Q336	Q337	Q338	Q339	Q340	Q341	Q342	Q343	Q344	Q345	Q346	Q347	Q348	Q349	Q350	Q351	Q352	Q353	Q354	Q355	Q356	Q357	Q358	Q359	Q360	Q361	Q362	Q363	Q364	Q365	Q366	Q367	Q368	Q369	Q370	Q371	Q372	Q373	Q374	Q375	Q376	Q377	Q378	Q379	Q380	Q381	Q382	Q383	Q384	Q385	Q386	Q387	Q388	Q389	Q390	Q391	Q392	Q393	Q394	Q395	Q396	Q397	Q398	Q399	Q400	Q401	Q402	Q403	Q404	Q405	Q406	Q407	Q408	Q409	Q410	Q411	Q412	Q413	Q414	Q415	Q416	Q417	Q418	Q419	Q420	Q421	Q422	Q423	Q424	Q425	Q426	Q427	Q428	Q429	Q430	Q431	Q432	Q433	Q434	Q435	Q436	Q437	Q438	Q439	Q440	Q441	Q442	Q443	Q444	Q445	Q446	Q447	Q448	Q449	Q450	Q451	Q452	Q453	Q454	Q455	Q456	Q457	Q458	Q459	Q460	Q461	Q462	Q463	Q464	Q465	Q466	Q467	Q468	Q469	Q470	Q471	Q472	Q473	Q474	Q475	Q476	Q477	Q478	Q479	Q480	Q481	Q482	Q483	Q484	Q485	Q486	Q487	Q488	Q489	Q490	Q491	Q492	Q493	Q494	Q495	Q496	Q497	Q498	Q499	Q500	Q501	Q502	Q503	Q504	Q505	Q506	Q507	Q508	Q509	Q510	Q511	Q512	Q513	Q514	Q515	Q516	Q517	Q518	Q519	Q520	Q521	Q522	Q523	Q524	Q525	Q526	Q527	Q528	Q529	Q530	Q531	Q532	Q533	Q534	Q535	Q536	Q537	Q538	Q539	Q540	Q541	Q542	Q543	Q544	Q545	Q546	Q547	Q548	Q549	Q550	Q551	Q552	Q553	Q554	Q555	Q556	Q557	Q558	Q559	Q560	Q561	Q562	Q563	Q564	Q565	Q566	Q567	Q568	Q569	Q570	Q571	Q572	Q573	Q574	Q575	Q576	Q577	Q578	Q579	Q580	Q581	Q582	Q583	Q584	Q585	Q586	Q587	Q588	Q589	Q590	Q591	Q592	Q593	Q594	Q595	Q596	Q597	Q598	Q599	Q600	Q601	Q602	Q603	Q604	Q605	Q606	Q607	Q608	Q609	Q610	Q611	Q612	Q613	Q614	Q615	Q616	Q617	Q618	Q619	Q620	Q621	Q622	Q623	Q624	Q625	Q626	Q627	Q628	Q629	Q630	Q631	Q632	Q633	Q634	Q635	Q636	Q637	Q638	Q639	Q640	Q641	Q642	Q643	Q644	Q645	Q646	Q647	Q648	Q649	Q650	Q651	Q652	Q653	Q654	Q655	Q656	Q657	Q658	Q659	Q660	Q661	Q662	Q663	Q664	Q665	Q666	Q667	Q668	Q669	Q670	Q671	Q672	Q673	Q674	Q675	Q676	Q677	Q678	Q679	Q680	Q681	Q682	Q683	Q684	Q685	Q686	Q687	Q688	Q689	Q690	Q691	Q692	Q693	Q694	Q695	Q696	Q697	Q698	Q699	Q700	Q701	Q702	Q703	Q704	Q705	Q706	Q707	Q708	Q709	Q710	Q711	Q712	Q713	Q714	Q715	Q716	Q717	Q718	Q719	Q720	Q721	Q722	Q723	Q724	Q725	Q726	Q727	Q728	Q729	Q730	Q731	Q732	Q733	Q734	Q735	Q736	Q737	Q738	Q739	Q740	Q741	Q742	Q743	Q744	Q745	Q746	Q747	Q748	Q749	Q750	Q751	Q752	Q753	Q754	Q755	Q756	Q757	Q758	Q759	Q760	Q761	Q762	Q763	Q764	Q765	Q766	Q767	Q768	Q769	Q770	Q771	Q772	Q773	Q774	Q775	Q776	Q777	Q778	Q779	Q780	Q781	Q782	Q783	Q784	Q785	Q786	Q787	Q788	Q789	Q790	Q791	Q792	Q793	Q794	Q795	Q796	Q797	Q798	Q799	Q800	Q801	Q802	Q803	Q804	Q805	Q806	Q807	Q808	Q809	Q810	Q811	Q812	Q813	Q814	Q815	Q816	Q817	Q818	Q819	Q820	Q821	Q822	Q823	Q824	Q825	Q826	Q827	Q828	Q829	Q830	Q831	Q832	Q833	Q834	Q835	Q836	Q837	Q838	Q839	Q840	Q841	Q842	Q843	Q844	Q845	Q846	Q847	Q848	Q849	Q850	Q851	Q852	Q853	Q854	Q855	Q856	Q857	Q858	Q859	Q860	Q861	Q862	Q863	Q864	Q865	Q866	Q867	Q868	Q869	Q870	Q871	Q872	Q873	Q874	Q875	Q876	Q877	Q878	Q879	Q880	Q881	Q882	Q883	Q884	Q885	Q886	Q887	Q888	Q889	Q890	Q891	Q892	Q893	Q894	Q895	Q896	Q897	Q898	Q899	Q900	Q901	Q902	Q903	Q904	Q905	Q906	Q907	Q908	Q909	Q910	Q911	Q912	Q913	Q914	Q915	Q916	Q917	Q918	Q919	Q920	Q921	Q922	Q923	Q924	Q925	Q926	Q927	Q928	Q929	Q930	Q931	Q932	Q933	Q934	Q935	Q936	Q937	Q938	Q939	Q940	Q941	Q942	Q943	Q944	Q945	Q946	Q947	Q948	Q949	Q950	Q951	Q952	Q953	Q954	Q955	Q956	Q957	Q958	Q959	Q960	Q961	Q962	Q963	Q964	Q965	Q966	Q967	Q968	Q969	Q970	Q971	Q972	Q973	Q974	Q975	Q976	Q977	Q978	Q979	Q980	Q981	Q982	Q983	Q984	Q985	Q986	Q987	Q988	Q989	Q990	Q991	Q992	Q993	Q994	Q995	Q996	Q997	Q998	Q999	Q1000	Q1001	Q1002	Q1003	Q1004	Q1005	Q1006	Q1007	Q1008	Q1009	Q1010	Q1011	Q1012	Q1013	Q1014	Q1015	Q1016	Q1017	Q1018	Q1019	Q1020	Q1021	Q1022	Q1023	Q1024	Q1025	Q1026	Q1027	Q1028	Q1029	Q1030	Q1031	Q1032	Q1033	Q1034	Q1035	Q1036	Q1037	Q1038	Q1039	Q1040	Q1041	Q1042	Q1043	Q1044	Q1045	Q1046	Q1047	Q1048	Q1049	Q1050	Q1051	Q1052	Q1053	Q1054	Q1055	Q1056	Q1057	Q1058	Q1059	Q1060	Q1061	Q1062	Q1063	Q1064	Q1065	Q1066	Q1067	Q1068	Q1069	Q1070	Q1071	Q1072	Q1073	Q1074	Q1075	Q1076	Q1077	Q1078	Q1079	Q1080	Q1081	Q1082	Q1083	Q1084	Q1085	Q1086	Q1087	Q1088	Q1089	Q1090	Q1091	Q1092	Q1093	Q1094	Q1095	Q1096	Q1097	Q1098	Q1099	Q1100	Q1101	Q1102	Q1103	Q1104	Q1105	Q1106	Q1107	Q1108	Q1109	Q1110	Q1111	Q1112	Q1113	Q1114	Q1115	Q1116	Q1117	Q1118	Q1119	Q1120	Q1121	Q1122	Q1123	Q1124	Q1125	Q1126	Q1127	Q1128	Q1129	Q1130	Q1131	Q1132	Q1133	Q1134	Q1135	Q1136	Q1137	Q1138	Q1139	Q1140	Q1141	Q1142	Q1143	Q1144	Q1145	Q1146	Q1147	Q1148	Q1149	Q1150	Q1151	Q1152	Q1153	Q1154	Q1155	Q1156	Q1157	Q1158	Q1159	Q1160	Q1161	Q1162	Q1163	Q1164	Q1165	Q1166	Q1167	Q1168	Q1169	Q1170	Q1171	Q1172	Q1173	Q1174	Q1175	Q1176	Q1177	Q1178	Q1179	Q1180	Q1181	Q1182	Q1183	Q1184	Q1185	Q1186	Q1187	Q1188	Q1189	Q1190	Q1191	Q1192	Q1193	Q1194	Q1195	Q1196	Q1197	Q1198	Q1199	Q1200	Q1201	Q1202	Q1203	Q1204	Q1205	Q1206	Q1207	Q1208	Q1209	Q1210	Q1211	Q1212	Q1213	Q1214	Q1215	Q1216	Q1217	Q1218	Q1219	Q1220	Q1221	Q1222	Q1223	Q1224	Q1225	Q1226	Q1227	Q1228	Q1229	Q1230	Q1231	Q1232	Q1233	Q1234	Q1235	Q1236	Q1237	Q1238	Q1239	Q1240	Q1241	Q1242	Q1243	Q1244	Q1245	Q1246	Q1247	Q1248	Q1249	Q1250	Q1251	Q1252	Q1253	Q1254	Q1255	Q1256	Q1257	Q1258	Q1259	Q1260	Q1261	Q1262	Q1263	Q1264	Q1265	Q1266	Q1267	Q1268	

03/13/09

Technical Report for

Woodard & Curran

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

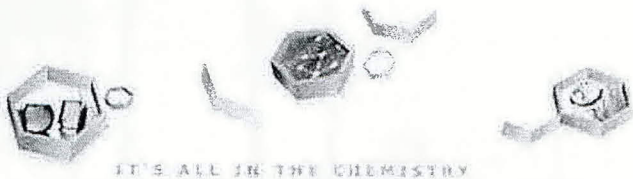
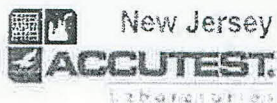
PO#4510822476 WBS#08

Accutest Job Number: JA12910

Sampling Date: 02/24/09

Report to:

Woodard & Curran



03/13/09

Technical Report for

Woodard & Curran

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

PO#4510822476 WBS#08

Accutest Job Number: JA12910

Sampling Date: 02/24/09



Report to:

Woodard & Curran

Aproctor@woodardcurran.com

ATTN: Anne Proctor

Total number of pages in report: 58



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

David N. Speis
VP Ops, 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, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Table of Contents

Sections:

1
2
3

-1-

Section 1: Sample Summary	3
Section 2: Sample Results	5
2.1: JA12910-1: MW-01	6
2.2: JA12910-2: MW-02	8
2.3: JA12910-3: MW-03	10
2.4: JA12910-4: MW-04	12
2.5: JA12910-5: MW-07S	14
2.6: JA12910-6: MW-07D	16
2.7: JA12910-7: MW-08S	18
2.8: JA12910-8: MW-09S	20
2.9: JA12910-9: MW-09D	22
2.10: JA12910-10: MW-10S	24
2.11: JA12910-11: RINSATE BLANK 1	26
2.12: JA12910-12: HDBFB	28
2.13: JA12910-13: TRIP BLANK 2	30
2.14: JA12910-14: TRIP BLANK 3	32
2.15: JA12910-15: RINSATE BLANK 2	34
2.16: JA12910-16: MW-10D	36
2.17: JA12910-17: GP-3	38
2.18: JA12910-18: GP-2B	40
2.19: JA12910-19: MW-13	42
2.20: JA12910-20: MW-14	44
2.21: JA12910-21: IP-1	46
2.22: JA12910-22: IP-2	48
2.23: JA12910-23: TRIP BLANK 1	50
2.24: JA12910-24: FIELD BLANK	52
Section 3: Misc. Forms	54
3.1: Chain of Custody	55



Sample Summary

Woodard & Curran

Job No: JA12910

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
Project No: PO#4510822476 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JA12910-1	02/24/09	10:35 AS	02/26/09	AQ	Ground Water	MW-01
JA12910-2	02/24/09	13:15 AS	02/26/09	AQ	Ground Water	MW-02
JA12910-3	02/24/09	15:10 AS	02/26/09	AQ	Ground Water	MW-03
JA12910-4	02/24/09	15:55 AS	02/26/09	AQ	Ground Water	MW-04
JA12910-5	02/24/09	13:45 AS	02/26/09	AQ	Ground Water	MW-07S
JA12910-6	02/24/09	14:30 AS	02/26/09	AQ	Ground Water	MW-07D
JA12910-7	02/24/09	11:30 AS	02/26/09	AQ	Ground Water	MW-08S
JA12910-8	02/24/09	09:10 AS	02/26/09	AQ	Ground Water	MW-09S
JA12910-9	02/24/09	09:10 AS	02/26/09	AQ	Ground Water	MW-09D
JA12910-10	02/24/09	15:15 AS	02/26/09	AQ	Ground Water	MW-10S
JA12910-11	02/24/09	11:00 AS	02/26/09	AQ	Equipment Blank	RINSATE BLANK 1
JA12910-12	02/24/09	00:00 AS	02/26/09	AQ	Ground Water	HDBFB
JA12910-13	02/24/09	15:55 AS	02/26/09	AQ	Trip Blank Water	TRIP BLANK 2



Sample Summary (continued)

Woodard & Curran

Job No: JA12910

ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY
Project No: PO#4510822476 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
JA12910-14	02/24/09	15:55 AS	02/26/09	AQ Trip Blank Water	TRIP BLANK 3
JA12910-15	02/24/09	11:00 AS	02/26/09	AQ Equipment Blank	RINSATE BLANK 2
JA12910-16	02/24/09	14:20 AS	02/26/09	AQ Ground Water	MW-10D
JA12910-17	02/24/09	11:35 AS	02/26/09	AQ Ground Water	GP-3
JA12910-18	02/24/09	11:00 AS	02/26/09	AQ Ground Water	GP-2B
JA12910-19	02/24/09	12:25 AS	02/26/09	AQ Ground Water	MW-13
JA12910-20	02/24/09	12:15 AS	02/26/09	AQ Ground Water	MW-14
JA12910-21	02/24/09	10:05 AS	02/26/09	AQ Ground Water	IP-1
JA12910-22	02/24/09	10:00 AS	02/26/09	AQ Ground Water	IP-2
JA12910-23	02/24/09	15:55 AS	02/26/09	AQ Trip Blank Water	TRIP BLANK 1
JA12910-24	02/24/09	14:30 AS	02/26/09	AQ Field Blank Water	FIELD BLANK



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 2

Client Sample ID:	MW-01	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-1	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airprt, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61706.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	13.8	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	65.9	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	15.5	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	0.53	1.0	0.18	ug/l	J
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	12.2	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-01	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-1	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		72-120%
17060-07-0	1,2-Dichloroethane-D4	100%		59-137%
2037-26-5	Toluene-D8	90%		73-116%
460-00-4	4-Bromofluorobenzene	98%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-02	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-2	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61708.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	27.7	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	32.2	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.3	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	1.5	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	51.1	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-02	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-2	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	102%		59-137%
2037-26-5	Toluene-D8	89%		73-116%
460-00-4	4-Bromofluorobenzene	101%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-03	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-3	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61710.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-03	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-3	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		72-120%
17060-07-0	1,2-Dichloroethane-D4	100%		59-137%
2037-26-5	Toluene-D8	93%		73-116%
460-00-4	4-Bromofluorobenzene	97%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-04	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-4	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61711.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	1.8	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.95	1.0	0.24	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	0.76	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-04	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-4	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		72-120%
17060-07-0	1,2-Dichloroethane-D4	102%		59-137%
2037-26-5	Toluene-D8	90%		73-116%
460-00-4	4-Bromofluorobenzene	98%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-07S	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-5	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61908.D	1	03/06/09	MAH	n/a	n/a	VIC2663
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	119	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	72.4	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	65.3	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.78	1.0	0.16	ug/l	J
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	37.1	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	70.1	1.0	0.24	ug/l	
79-01-6	Trichloroethene	24.8	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	15.2	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-07S	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-5	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		72-120%
17060-07-0	1,2-Dichloroethane-D4	95%		59-137%
2037-26-5	Toluene-D8	91%		73-116%
460-00-4	4-Bromofluorobenzene	103%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-07D	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-6	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61713.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	83.0	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	22.8	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	41.0	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	3.7	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	16.4	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	3.9	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-07D	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-6	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		72-120%
17060-07-0	1,2-Dichloroethane-D4	102%		59-137%
2037-26-5	Toluene-D8	87%		73-116%
460-00-4	4-Bromofluorobenzene	101%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-08S	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-7	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61798.D	1	03/03/09	MAH	n/a	n/a	V1C2659
Run #2	1C61727.D	5	03/01/09	MAH	n/a	n/a	V1C2655

	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	23.1	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	2.1	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	156	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	8.0	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	135 ^a	5.0	1.5	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	7.2	1.0	0.24	ug/l	
79-01-6	Trichloroethene	94.4	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	1.4	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-08S	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-7	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%	89%	72-120%
17060-07-0	1,2-Dichloroethane-D4	94%	98%	59-137%
2037-26-5	Toluene-D8	89%	90%	73-116%
460-00-4	4-Bromofluorobenzene	97%	96%	69-126%

(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

Page 1 of 2

Client Sample ID:	MW-09S	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-8	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61714.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-09S	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-8	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	102%		59-137%
2037-26-5	Toluene-D8	90%		73-116%
460-00-4	4-Bromofluorobenzene	101%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-09D	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-9	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61715.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.4	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	6.3	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-09D	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-9	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	103%		59-137%
2037-26-5	Toluene-D8	87%		73-116%
460-00-4	4-Bromofluorobenzene	100%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-10S	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-10	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61716.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	27.8	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	3.9	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	25.0	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	3.1	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	5.9	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-10S	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-10	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-120%
17060-07-0	1,2-Dichloroethane-D4	104%		59-137%
2037-26-5	Toluene-D8	89%		73-116%
460-00-4	4-Bromofluorobenzene	99%		69-126%

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

Page 1 of 2

Client Sample ID:	RINSATE BLANK 1		
Lab Sample ID:	JA12910-11	Date Sampled:	02/24/09
Matrix:	AQ - Equipment Blank	Date Received:	02/26/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61717.D	1	02/28/09	MAH	n/a	n/a	V1C2654
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	RINSATE BLANK 1	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-11	Date Received:	02/26/09
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-120%
17060-07-0	1,2-Dichloroethane-D4	106%		59-137%
2037-26-5	Toluene-D8	89%		73-116%
460-00-4	4-Bromofluorobenzene	100%		69-126%

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

Page 1 of 2

Client Sample ID:	HDBFB		
Lab Sample ID:	JA12910-12	Date Sampled:	02/24/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61730.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	105	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	58.8	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	54.9	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.50	1.0	0.16	ug/l	J
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	30.9	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	74.2	1.0	0.24	ug/l	
79-01-6	Trichloroethene	22.6	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	15.5	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	HDBFB	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-12	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		72-120%
17060-07-0	1,2-Dichloroethane-D4	96%		59-137%
2037-26-5	Toluene-D8	86%		73-116%
460-00-4	4-Bromofluorobenzene	97%		69-126%

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

Page 1 of 2

Client Sample ID:	TRIP BLANK 2	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-13	Date Received:	02/26/09
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61731.D	1	03/01/09	MAH	n/a	n/a	VIC2655
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	TRIP BLANK 2	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-13	Date Received:	02/26/09
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		72-120%
17060-07-0	1,2-Dichloroethane-D4	98%		59-137%
2037-26-5	Toluene-D8	88%		73-116%
460-00-4	4-Bromofluorobenzene	99%		69-126%

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

Page 1 of 2

Client Sample ID:	TRIP BLANK 3	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-14	Date Received:	02/26/09
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61732.D	1	03/01/09	MAH	n/a	n/a	V1C2655
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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	TRIP BLANK 3	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-14	Date Received:	02/26/09
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		72-120%
17060-07-0	1,2-Dichloroethane-D4	98%		59-137%
2037-26-5	Toluene-D8	89%		73-116%
460-00-4	4-Bromofluorobenzene	98%		69-126%

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

Page 1 of 2

Client Sample ID:	RINSATE BLANK 2			Date Sampled:	02/24/09
Lab Sample ID:	JA12910-15			Date Received:	02/26/09
Matrix:	AQ - Equipment Blank			Percent Solids:	n/a
Method:	SW846 8260B				
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61733.D	1	03/01/09	MAH	n/a	n/a	VIC2655
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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156 60 5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	RINSATE BLANK 2	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-15	Date Received:	02/26/09
Matrix:	AQ - Equipment Blank	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	102%		59-137%
2037-26-5	Toluene-D8	89%		73-116%
460-00-4	4-Bromofluorobenzene	98%		69-126%

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

Page 1 of 2

Client Sample ID:	MW-10D	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-16	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61734.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	10.2	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	25.0	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-10D	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-16	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	101%		59-137%
2037-26-5	Toluene-D8	87%		73-116%
460-00-4	4-Bromofluorobenzene	100%		69-126%

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

Page 1 of 2

Client Sample ID:	GP-3	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-17	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61735.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	26.0	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	1.7	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	142	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	5.9	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	128	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	4.2	1.0	0.24	ug/l	
79-01-6	Trichloroethene	96.5	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	4.5	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	GP-3	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-17	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		72-120%
17060-07-0	1,2-Dichloroethane-D4	101%		59-137%
2037-26-5	Toluene-D8	89%		73-116%
460-00-4	4-Bromofluorobenzene	99%		69-126%

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

Page 1 of 2

Client Sample ID:	GP-2B	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-18	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61736.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2	1C61760.D	2	03/02/09	MAH	n/a	n/a	V1C2656

	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	32.1	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	1.2	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	200 ^a	2.0	0.49	ug/l	
156-60-5	trans-1,2-Dichloroethene	9.4	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	1.5	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	14.5	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	GP-2B	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-18	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%	91%	72-120%
17060-07-0	1,2-Dichloroethane-D4	103%	103%	59-137%
2037-26-5	Toluene-D8	90%	87%	73-116%
460-00-4	4-Bromofluorobenzene	101%	100%	69-126%

(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

Page 1 of 2

Client Sample ID:	MW-13	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-19	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61737.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2	1C61911.D	2.5	03/06/09	MAH	n/a	n/a	V1C2663

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	15.3	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	1.6	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	93.6	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.0	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	324 ^a	2.5	0.73	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	14.6	1.0	0.24	ug/l	
79-01-6	Trichloroethene	21.6	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-13	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-19	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%	99%	72-120%
17060-07-0	1,2-Dichloroethane-D4	102%	99%	59-137%
2037-26-5	Toluene-D8	89%	95%	73-116%
460-00-4	4-Bromofluorobenzene	101%	104%	69-126%

(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

Page 1 of 2

Client Sample ID:	MW-14	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-20	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61738.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2	1C61963.D	2	03/09/09	MAH	n/a	n/a	V1C2666

	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	17.2	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	1.8	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	113	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.9	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	184 ^a	2.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	6.5	1.0	0.24	ug/l	
79-01-6	Trichloroethene	31.3	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	MW-14	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-20	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%	99%	72-120%
17060-07-0	1,2-Dichloroethane-D4	104%	102%	59-137%
2037-26-5	Toluene-D8	90%	94%	73-116%
460-00-4	4-Bromofluorobenzene	100%	107%	69-126%

(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

Page 1 of 2

Client Sample ID:	IP-1	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-21	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61739.D	1	03/01/09	MAH	n/a	n/a	V1C2655
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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	0.83	1.0	0.24	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	6.4	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	1.5	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	IP-1	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-21	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-120%
17060-07-0	1,2-Dichloroethane-D4	105%		59-137%
2037-26-5	Toluene-D8	90%		73-116%
460-00-4	4-Bromofluorobenzene	99%		69-126%

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

Page 1 of 2

Client Sample ID:	IP-2	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-22	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61740.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	8.5	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	0.67	1.0	0.29	ug/l	J
156-59-2	cis-1,2-Dichloroethene	177	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	21.2	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	2.0	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	3.3	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	3.3	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	IP-2	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-22	Date Received:	02/26/09
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	103%		59-137%
2037-26-5	Toluene-D8	91%		73-116%
460-00-4	4-Bromofluorobenzene	100%		69-126%

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

Page 1 of 2

Client Sample ID:	TRIP BLANK 1	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-23	Date Received:	02/26/09
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61741.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	TRIP BLANK 1	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-23	Date Received:	02/26/09
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	106%		59-137%
2037-26-5	Toluene-D8	88%		73-116%
460-00-4	4-Bromofluorobenzene	101%		69-126%

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

Page 1 of 2

Client Sample ID:	FIELD BLANK	Date Sampled:	02/24/09
Lab Sample ID:	JA12910-24	Date Received:	02/26/09
Matrix:	AQ - Field Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C61742.D	1	03/01/09	MAH	n/a	n/a	V1C2655
Run #2							

Run #	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	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.80	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	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

Page 2 of 2

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	JA12910-24	Date Sampled:	02/24/09
Matrix:	AQ - Field Blank Water	Date Received:	02/26/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	ExxonMobil Terminal Orphin, Hanger D, Westchester Airport, White Plains, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		72-120%
17060-07-0	1,2-Dichloroethane-D4	107%		59-137%
2037-26-5	Toluene-D8	88%		73-116%
460-00-4	4-Bromofluorobenzene	101%		69-126%

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



IT'S ALL IN THE CHEMISTRY

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480



2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

١١١

56 of 58
ACCUTEST.
JA12910

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accurate Job #: 1A12910

[illegible]

JA12910: Chain of Custody

Page 3 of 4



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA12910

Client:

Immediate Client Services Action Required: No

Date / Time Received: 2/26/2009

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers: 1

Airbill #'s:

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: | Infrared gun | |
| 3. Cooler media: | Ice (bag) | |

Quality Control Preservation

Y or N

- | | | |
|---------------------------------|-------------------------------------|--------------------------|
| 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

- | | | |
|---|-------------------------------------|-------------------------------------|
| 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
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA12910: Chain of Custody
Page 4 of 4