SITE MANAGEMENT PLAN STATUS REPORT
REPORT PERIOD: June 1, 2015 THROUGH August 31, 2015
HARMON RAILROAD YARD
OU-I AND OU-II
WESTCHESTER COUNTY, NEW YORK
SITE NO. 3-60-010

SUMMARY OF WORK COMPLETED DURING THE REPORT PERIOD: This report summarizes the remedial actions and monitoring completed between June 1, 2015 and August 31, 2015 (i.e., the 14th Quarter of operation). This document was prepared in accordance with the provisions of the document tilted *Metro-North Railroad, Harmon Railroad Yard, Westchester, County, New York, Site Management Plan OU-I and OU-II, NYSDEC Site Number: 3-60-010* dated December 2011 (the SMP).

During this report period, the weekly and quarterly NAPL and groundwater monitoring was conducted as outlined in the SMP, with additional monthly and quarterly monitoring in select wells, as outlined in previous progress reports the March 2014 Corrective Action Plan (CAP) and/or CAP status reports. NAPL was removed from select wells during these periodic monitoring events. The results of the monitoring and NAPL removal conducted during the report period are summarized below.

DEPTH TO GROUNDWATER AND NAPL MEASUREMENTS: During this report period, quarterly monitoring was conducted on August 14 and August 20, 2015. This monitoring included the measurement of static water levels and the evaluation of NAPL in functioning monitoring wells. The results of this monitoring are summarized on the tables presented in Attachment A. A groundwater contour map developed using static water levels measured on August 14, 2015 is included as Figure 1.

NAPL EVALUATION STUDY IN REPLACEMENT WELLS: During the previous reporting period, existing two-inch diameter wells AI2-3, FA 4-8, FA 4-11, FA 4-12, FA 4-14, FA 4-16, FA 4-18 were over drilled and replaced with four-inch diameter wells. [Note: Since the replacement wells were installed in the same locations as there predecessors, the well designations were not changed.] Information regarding the installation of the replacement monitoring wells was provided in the previous status report.

Between June 25, 2015 and July 29, 2015 a NAPL evaluation study was completed in replacement wells AI2-3, FA4-8, FA4-11, FA4-12, FA4-14, FA4-16, and FA4-18 in accordance with the following procedures.

1. On June 25, 2015, if present, NRDs were removed from each well, weighed and the measurements were recorded. The NRDs were not replaced during the subsequent evaluation process. [Note: The NAPL evaluation in well FA4-12 was not started until July 16, 2015.]

2. NAPL remaining following the removal of the NRD was removed, to the extent possible, using a Spill Buddy^{TM}, bailers and/or adsorbent materials. The amount of free product

removed from each well was recorded to the nearest 0.1 gallons.

3. On July 2, 2015 (i.e., approximately one week after the completion of Step 2), each of the above listed wells was monitored to determine the depth to water and depth to free product (if present) to the nearest 0.01 ft. NAPL was not removed from the wells during this, or subsequent, weekly monitoring events between July 2, 2015 and July 29, 2015.

4. On July 29, 2015, the thickness of NAPL was measures and accumulated NAPL was removed from the monitoring wells using a Spill Buddy™, bailers and/or adsorbent material. The amount of free product removed from each well was recorded to the nearest 0.1 gallons.

A graphical representation of NAPL thicknesses measured in the replacement monitoring wells between the time of the well replacements (i.e., around April 28, 2015) and the end of the current reporting period is included as Attachment B. As shown on the graph in Attachment B, the thickness of NAPL measured in each of the replacement monitoring wells observed for this study increased over the study period (i.e., between June 25, 2015 and July 29, 2015). However, with the exception of wells FA 4-12, FA4-16, and FA4-8 (i.e., which did not generally contain significant quantities of NAPL during the period between the well replacement and the start of the NAPL evaluation study) the thickness of NAPL measured in the replacement wells at the end of the accumulation period was not significantly greater than the thickness of the NAPL measured in the replacement wells prior to the study period (i.e., the period between April 28, 2015 and June 25, 2015). Further, the quantity of NAPL that was measured in wells AI2-3, FA4-11 and FA4-14 did not diminish over the next several weeks after the NAPL removal events re-commenced on July 29, 2015. Based on these measurements, sufficient quantities of NAPL appear to be present in the areas around well AI2-3, and possibly wells FA4-11 and FA4-14, to warrant "aggressive" NAPL removal procedures (e.g., the installation of a Spill Buster™ NAPL removal system) in these locations.

NAPL REMOVAL RECORDS: The depth to groundwater, NAPL thickness measurements and NAPL removal records completed/compiled during this report period are presented on the tables included in Attachment A. A summary of the total amount of NAPL removed from each well during the current report period is attached as Table 1, and a summary of the total amount of NAPL historically removed from each well between December 1, 2012 and May 31, 2015 is attached to this report as Table 2. A spider diagram presenting the maximum NAPL thicknesses and the amount of NAPL removed from the wells monitored is included as Figure 2. This figure shows measurements obtained during the current and preceding report period.

The OU-II NAPL drum accumulation area was observed on August 28, 2015 and, no evidence of leakage/spillage was observed in proximity of the NAPL and NRD collection drums. It was also observed that one full 55-gallon drum and one partially full drum of NAPL that was removed from recovery well RW-1 using a Spill Buster™ (and from miscellaneous wells using a Spill Buddy™) between July 22, 2015 and August 28, 2015 were present in the NAPL accumulation area. In addition, spent NRDs removed from other wells within OU-I and OU-II between December 18, 2014 and August 28, 2015 were stored in three 55-gallon drums located in the

drum accumulation area, and these drums contained a total of approximately 97 gallons NAPL/spent NRDs.

NAPL/SOIL DISPOSAL RECORDS: Samples from four full drums of accumulated NAPL were collected on July 22, 2015 and submitted to York Analytical Laboratories, Inc. (York) under chain-of-custody control, and tested for PCBs using USEPA Method 8082. A copy of the report prepared by York is included in Attachment C. These drums were subsequently moved from the OU-II NAPL accumulation area to the Harmon Yard waste accumulation building for disposal.

On August 27, 2015, the four full accumulated NAPL drums were transported off-site by Freehold Cartage, Inc. and disposed at the Waste Management facility in Model City, New York. The manifest and bill of lading for the August 27, 2015 shipment is included in Attachment D.

GROUNDWATER SAMPLING AND TESTING: Groundwater sampling and testing was not required during the report period. However, test results for the groundwater samples collected since March 2012 (i.e., the initial quarter completed under the SMP), are included for reference purposes in this report as Attachment E. The groundwater test results summarized in Attachment E include volatile organic compounds, semi-volatile organic compounds, polychlorinated biphenyls, and metals.

REPAIRS COMPLETED UNDER THE CAP: Crack repairs (i.e., filling the surficial cracks in the asphalt cover located in the OUI area using a tar fill material) was started during the report period, and it is estimated that approximately 10% of the crack repairs have been completed.

PROBLEMS ENCOUNTERED/RESOLUTION: No problems associated with the remedial systems or ECs requiring repair/modification were identified during the report period.

WORK ANTICIPATED FOR THE UPCOMING REPORT PERIOD AND SCHEDULE: Currently it is anticipated that during the upcoming reporting period (i.e., between September 1, 2015 and November 31, 2015), that NAPL and groundwater monitoring will continue in accordance with the schedule presented in the SMP, as modified by the schedule presented in the March 2014 CAP. It is anticipated that NAPL will continue to be removed from RW-1 using the Spill Buster system and a combination of pumping and NRDs will be used in other locations.

It is anticipated that during upcoming quarter samples of NAPL will be collected and tested from full NAPL drums, as outlined in the SMP. The full NAPL drums will subsequently be transported off the Site and disposed of in accordance with applicable regulations.

Procedures to enhance the recovery of NAPL in replacement wells AI2-3, FA4-11, and/or FA4-14 will continue to be evaluated (e.g., installation of a Spill Buster™ product-only removal system, or similar).

It is also anticipated that a monitoring well will be installed at the northeastern terminus of the Sheeting Wall in Area L1 to assess whether NAPL is present in this area and to serve as a long-term NAPL monitoring point to confirm that NAPL from Area L1 is not migrating off-site in this

area. [Note: A monitoring well that was installed during the remedial evaluation phase of the OU-I area (i.e., WB-9) was identified at the southwestern terminus of the sheet pile wall. This well was redeveloped on April 23, 2015 and found to be functioning (i.e., the initial depth to water was measured at 6.37 ft. below ground surface, and following removal of 10 gallons of water the depth to water was measured at 6.35 ft. below ground surface). As such, this well will serve as a long-term monitoring point to confirm that NAPL from Area L1 is not migrating off-site in this location.]

It is anticipated that an elevation survey will be completed to determine the monitoring point elevation for OU-II area replacement wells AI2-3, FA4-8, FA4-11, FA4-12, FA4-14, FA4-16, and FA4-18, the OU-I area piezometers P-1 through P-10, and well WB-9

MNR has initiated discussions with Westchester County to obtain an access agreement to install the off-site monitoring wells identified in the CAP. As of the date of this report, an access agreement has not been finalized. The off-site well identified in the CAP will be installed when the access agreement is finalized.

Removal/disposal of the accumulated materials on the OU-I cover will continue to be inventoried and disposed of or relocated as necessary to facilitate the repair of cracks in the asphalt cover.

It is anticipated that the crack repairs will continue in the upcoming report period

The next Periodic Review Report (PRR), which will document work completed under the SMP between January 1, 2013 and January 1, 2016, will be completed in or around January 2016.

NOTES:

1. This drawing was prepared from a CAD base file provides by others, from a drawing by ERM, entitled "EXISTING SITE PLAN AND SURVEY CONTROL" sheet No. C-1 dated 7/31/00 and from a drawing by ERM, "SITE PLAN WITH LOCATIONS OF PROPOSED WELLS AND SHEET PILING", sheet No. C-2, dated 7/31/00.

2. Operable Unit II (OU-II) remedy well locations were determined from coordinate values listed on the ERM drawings identified in note No. 1.

N

LEGEND:

- VE 4-5 (5.49 ft) — Former Vapor Extraxtion (VE), Air Inlet (AI), Forced Air Injection (FA), or existing monitoring well and designation
- Groundwater elevation for water level measurement made August 14, 2015
- 4.0 — Groundwater contour
- Apparent groundwater flow direction
- OU-II NAPL area boundaries
- Approximate location of sheet pile wall around remediated former lagoon area (OU-I)
- Extent of OU-I final cover system
- Extent of OU-I final cover system

0 40 80 160 Feet

PROJECT MANAGER	RLK
DRAWN BY	CPS
SCALE	As Noted
DATE	09-2015
DATE DRAWN	09-2015
DATE ISSUED	09-15-2015

day
DAY ENGINEERING, P.C.
ENVIRONMENTAL ENGINEERING CONSULTANTS
ROCHESTER, NEW YORK 14606
NEW YORK, NEW YORK 10170

Project Title
METRO-NORTH RAIL ROAD
HARMON YARD OPERABLE UNITS OU-I AND OU-II
CROTON-ON-HUDSON, NEW YORK

Drawing Title
SITE MANAGEMENT PLAN

Groundwater Conour Map: August 14, 2015

Project No.
15-3356M (46)

FIGURE 1

Last Date Saved: 15 Sep 2015 Document Path: E:\GIS Mapping\MNR\Harmon\OU1_OU2\Remediation_OU_OUII_08142015.mxd

NOTES:

1. This drawing was prepared from a CAD base file provided by others, from a drawing by ERM, entitled "EXISTING SITE PLAN AND SURVEY CONROL" sheet No. C-1 dated 7/31/00 and from a drawing by ERM, "SITE PLAN WITH LOCATIONS OF PROPOSED WELLS AND SHEET PILING", sheet No. C-2, dated 7/31/00.
2. Operable Unit II (OU-II) remedy well locations were determined from coordinate values listed on the ERM drawings identified in note No. 1, or by reference to site features (e.g., DAY-1, RW-1, etc...)
3. NAPL is removed from RW-1 using a Spill Buster product removal pump and placed within 55-gallon drums.

LEGEND:

- VE1-3 — Former Vapor Extraction (VE), Air Inlet (AI), Forced Air Injection (FA), Existing Monitoring Well Or Product Recovery Well (RW) and Designation
- VE1-2 — Long-Term Monitoring Well
- Approximate Location Of Sheet Pile Wall Around Remediated Former Lagoon Area (OU-I)
- Extent Of OU-I Final Cover System
- OU-II Boundary
- V-1 — OU-I Contingency Vapor Extraction System Wells
- FA4-8 (7.88 / 8.86 / 1.8 / 2.1 / 5/15/15 / 7/29/15) — Long-Term Monitoring Well Identification; NAPL Removed (Gallons) During Quarter; Maximum NAPL Thickness (Feet) Measured During Quarter With Date Of Measurement
- Measurements Made During The Report Period March 1, 2014 Through May 31, 2015 Shown In Green (Left)
- Measurements Made During The Report Period June 1, 2015 Through August 31, 2015 Shown In Red (Right)
- N/M — Well Not Measured

SITE PLAN
1" = 80'

0' 80' 160' 240'

PROJECT MANAGER	CAH
DRAWN BY	RJM/CPS
SCALE	As Noted
DATE	9-2015
DATE DRAWN	9-4-2015
DATE ISSUED	9-14-2015

day
DAY ENGINEERING, P.C.
ENVIRONMENTAL ENGINEERING CONSULTANTS
ROCHESTER, NEW YORK 14606
NEW YORK, NEW YORK 10170

PROJECT TITLE
METRO-NORTH RAILROAD
HARMON YARD OPERABLE UNITS OU-I AND OU-II
CROTON-ON-HUDSON, NEW YORK
NYSDEC SITE #360010

DRAWING TITLE
Summary Of NAPL Removal For The Quarters
March - May 2015 and June - August 2015

PROJECT NO.
15-3356M (46)

FIGURE 2

Ref1:
Ref2:
Ref3:

Xerox432AnsiB-2; 11 x 17
Layout Name: Layout1
Pen Setting File: 800psHalfcolorBeacon.ctb

Time Plotted: Monday, September 14, 2015 8:28:45 AM
File Name: P:\Drawings\Metro\Harmon\Remediation-46\NAPL Wells Qtr June-Aug 2015.dwg

Table 1

Harmon Railroad Yard
OU-I and OU-II
Westchester County, New York
Site No. 3-60-010

NAPL Removal Totals
Current Report Period: June 1, 2015 - August 31, 2015

OU I	
Well ID	Gallons Removed
V1	0
V2	0.54
V3	4.46
V4	6.64
Total	**11.64**

OU II

NAPL AREA L1	
Well ID	Gallons Removed
AI1-1	0
AI1-4	0
AI1-8	0
AI1-11	0
AI1-12	0
AI1-15	0
AI1-16	0
VE1-1	1.1
VE1-2	0
VE1-3	0
VE1-4	0
Total	**1.1**

NAPL AREA L2	
Well ID	Gallons Removed
AI2-2	0
AI2-3	16.54
VE2-1	0
Total	**16.54**

NAPL AREA L3	
AI3-4	0
AI3-6	0
VE3-1	0.47
Total	**0.47**

NAPL AREA L4	
Well ID	Gallons Removed
DAY-1	0
FA4-8	8.86
FA4-9	0
FA4-10	0
FA4-11	9.87
FA4-12	0.15
FA4-13	0.13
FA4-14	12.9
FA4-15	1.33
FA4-16	1.78
FA4-17	0
FA4-18	2.72
FA4-19	0
FA4-20	0
FA4-21	0
FA4-23	0
PGW-2	0.36
RW-1	37.6
VE4-1	0
VE4-5	6.54
VE4-6	0
VE4-7	0
VE4-8	0
VE4-9	0
VE4-10	0
VE4-11	0
VE4-12	0
VE4-13	0
Total	**82.24**

Table 2

Harmon Railroad Yard
OU-I and OU-II
Westchester County, New York
Site No. 3-60-010

Historic NAPL Removal Totals
December 1, 2012 -May 31, 2015

OU I	
Well ID	Gallons Removed
V1	0
V2	1.66
V3	1.02
V4	1.5
Total	**4.18**

OU II

NAPL AREA L1	
Well ID	Gallons Removed
AI1-1	0
AI1-4	0
AI1-8	0
AI1-11	0.11
AI1-12	0.05
AI1-15	0.19
AI1-16	0
VE1-1	3.18
VE1-2	0
VE1-3	0.07
VE1-4	0
Total	**3.6**

NAPL AREA L2	
Well ID	Gallons Removed
AI2-2	0.19
AI2-3	63.01
VE2-1	0
Total	**63.2**

NAPL AREA L3	
AI3-4	0.25
AI3-6	0.25
VE3-1	7.52
Total	**8.02**

NAPL AREA L4	
Well ID	Gallons Removed
DAY-1	0
FA4-8	33.38
FA4-9	0.36
FA4-10	0.13
FA4-11	17.39
FA4-12	0
FA4-13	0.88
FA4-14	24.03
FA4-15	10.68
FA4-16	7.04
FA4-17	0
FA4-18	7.45
FA4-19	0
FA4-20	0
FA4-21	0
FA4-23	0.59
PGW-2	3.99
RW-1	966.7
VE4-1	0
VE4-5	77.5
VE4-6	1.26
VE4-7	0
VE4-8	0.04
VE4-9	4.72
VE4-10	0.04
VE4-11	0
VE4-12	0
VE4-13	0
Total	**1156.18**

ATTACHMENT A

DEPTH TO GROUNDWATER AND NAPL MEASUREMENTS
AND
NAPL REMOVAL RECORDS
FOR
MEASUREMENTS MADE DURING THE REPORTING PERIOD
JUNE 1, 2015 THROUGH AUGUST 31, 2015

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: P1	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	14.1	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: P2	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	14	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: P3	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	14.45	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: P4		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	14	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: P5	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	14.7	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: P6		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	4.6	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: P7		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	14.05	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: P8		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	13.7	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: P9		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0.01	17	16.99	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: P10	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	13.6	0	0	0	

Metro-North Railroad NAPL Recovery Report

Metro-North Yard: Harmon (OU I) Well ID: V1

Date	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thickness (ft)	NAPL Recovered via NRD (gal)	Additional NAPL Recovered (gal)	Comments
7/2/2015	0	16.2	0	0	0	
7/7/2015	0	16.25	0	0	0	
7/16/2015	0	16.25	0	0	0	
7/22/2015	0	16.25	0	0	0	
7/29/2015	0	16.3	0	0	0	
8/5/2015	0	16.3	0	0	0	
8/14/2015	0	16.35	0	0	0	Trace of Oil
8/20/2015	0	16.4	0	0	0	
8/26/2015	0	16.45	0	0	0	TRACE OF OIL

Metro-North Railroad NAPL Recovery Report

Metro-North Yard: Harmon (OU I) Well ID: V2

Date	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thickness (ft)	NAPL Recovered via NRD (gal)	Additional NAPL Recovered (gal)	Comments
6/4/2015	0	17.55	0	0	0	LEFT NRD IN
6/11/2015	0	13.3	0	0	0	
6/17/2015	0	17.4	0	0	0	LEFT NRD IN
6/25/2015	0	17.4	0	0	0	
7/2/2015	0	17.25	0	0	0	
7/7/2015	0	17.3	0	0	0	
7/16/2015	0	17.3	0	0	0	LEFT NRD IN
7/22/2015	0	17.35	0	0	0	LEFT NRD IN
7/29/2015	0	17.45	0	0	0	LEFT NRD IN
8/5/2015	17.35	17.4	0.05	0.54	0	REPLACED NRD
8/14/2015	0	17.5	0	0	0	LEFT NRD IN
8/20/2015	0	17.6	0	0	0	
8/26/2015	0	17.3	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: V3		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/4/2015	17.4	17.45	0.05	0.4	0	REPLACED NRD
6/11/2015	16.95	17	0.05	0.52	0	REPLACED NRD
6/17/2015	0	17.05	0	0	0	LEFT NRD IN
6/25/2015	17	17.05	0.05	0.57	0	CHANGED NRD
7/2/2015	0	16.95	0	0	0	LEFT NRD IN
7/7/2015	16.9	16.95	0.05	0.54	0	REPLACED NRD 3LB. 1OZ
7/16/2015	16.9	17	0.1	0.53	0	REPLACED NRD
7/22/2015	17	17.05	0.05	0.43	0	REPLACED NRD
7/29/2015	0	17.15	0	0	0	LEFT NRD IN
8/5/2015	0	17.1	0	0	0	LEFT NRD IN
8/14/2015	17.2	17.25	0.05	0.5	0	REPLACED NRD
8/20/2015	17.3	17.35	0.05	0.53	0	
8/26/2015	17.35	17.4	0.05	0.44	0	REPLACED NRD

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: V4		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/4/2015	15.35	16.9	1.55	0	0.56	
6/11/2015	16.1	16.8	0.7	0	0.62	
6/17/2015	16.1	16.9	0.8	0	1	
6/25/2015	16.1	16.9	0.8	0	0.88	
7/2/2015	15.95	16.7	0.75	0	0	NO OIL REMOVED
7/7/2015	16	16.7	0.7	0	0	DID NOT REMOVE OIL
7/16/2015	16.1	16.8	0.7	0	0	TANK OIL HARD TO READ
7/22/2015	16.15	16.9	0.75	0	0	NO OIL REMOVED
7/29/2015	16.3	17.1	0.8	0	1.3	
8/14/2015	16.3	17.1	0.8	0	0.79	
8/20/2015	16.9	17.1	0.2	0	0.56	
8/26/2015	16.5	17.2	0.7	0	0.93	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: AI1-1		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	11.5	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: AI1-4		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	10.6	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: AI1-8		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	13.75	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: AI1-11	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	17.75	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: AI1-12	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	17.35	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: AI1-15	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	18.85	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: AI1-16	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	13.3	0	0	0	DRY

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: VE1-1	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	8.9	10.1	1.2	0.1	1	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: VE1-2	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	9.75	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE1-3		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	8.9	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE1-4		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/14/2015	0	10.45	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: AI2-2		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	15.25	0	0	0	Trace NAPL

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: AI2-3		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/4/2015	15.2	16.6	1.4	0	1.38	
6/11/2015	15	16.1	1.1	0	0.75	
6/17/2015	15.1	16.35	1.25	0	1.38	
6/25/2015	15.15	16.35	1.2	0	1.4	
7/2/2015	15.05	16.3	1.25	0	0	DID NOT REMOVE OIL
7/7/2015	15.1	16.35	1.25	0	0	DID NOT REMOVE OIL
7/16/2015	15.15	16.6	1.45	0	0	DID NOT REMOVE OIL
7/22/2015	15.25	16.95	1.7	0	0	NO OIL REMOVED
7/29/2015	15.3	17.1	1.8	0	1.78	
8/5/2015	15.35	17.3	1.95	0	2.2	
8/6/2015	15.4	17.2	1.8	0	1.53	
8/14/2015	15.4	17.5	2.1	0	2	
8/20/2015	15.5	17.65	2.15	0	1.82	
8/26/2015	15.55	17.7	2.15	0	2.3	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE2-1		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	11.65	0	0	0	Trace NAPL

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: AI3-4		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	11	0	0	0	Trace NAPL

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: AI3-6	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	17	17.1	0.1	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE3-1		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/11/2015	11.2	11.35	0.15	0	0	ADDED NRD
7/22/2015	12.55	12.65	0.1	0.06	0	REPLACED NRD
8/14/2015	11.8	12.3	0.5	0.06	0.35	REPLACED NRD

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: DAY-1		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/20/2015	0	17	0	0	0	Trace NAPL

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-8		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/3/2015	16.65	17.3	0.65	0	0.5	
6/11/2015	16.4	17.2	0.8	0	0.9	
6/17/2015	16.55	17.7	1.15	0	1	
6/25/2015	16.5	17.9	1.4	0	1.12	
7/2/2015	16.4	17.65	1.25	0	0	NO OIL REMOVED
7/7/2015	16.5	17.9	1.4	0	0	DID NOT REMOVE OIL
7/16/2015	16.4	18.2	1.8	0	0	DID NOT REMOVE OIL
7/22/2015	16.15	16.9	0.75	0	0	DID NOT REMOVE OIL
7/29/2015	16.6	18.7	2.1	0	1.8	
8/5/2015	16.3	16.35	0.05	0	1.26	
8/14/2015	16.9	18.2	1.3	0	1	
8/20/2015	17.1	17.9	0.8	0	0.75	
8/26/2015	17	17.6	0.6	0	0.53	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-9		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/11/2015	0	7.7	0	0	0	
7/22/2015	0	8.3	0	0	0	
8/14/2015	0	8.75	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-11		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/3/2015	11.35	13.4	2.05	0	1.5	
6/11/2015	11.25	12.75	1.5	0	1.25	
6/17/2015	11.4	12.4	1	0	0.75	
6/25/2015	11.45	12.4	0.95	0	0.75	
7/2/2015	11.3	12.3	1	0	0	NO OIL REMOVED
7/7/2015	11.3	12.5	1.2	0	0	DID NOT REMOVE OIL
7/16/2015	11.5	12.5	1	0	0	DID NOT REMOVE OIL
7/22/2015	11.55	12.7	1.15	0	0	DID NOT REMOVE OIL
7/29/2015	11.6	12.8	1.2	0	0.8	
8/5/2015	11.7	12.95	1.25	0	1	
8/14/2015	11.8	13	1.2	0	1.1	
8/20/2015	11.8	13.2	1.4	0	1.3	
8/21/2015	11.8	12.55	0.75	0	0	
8/26/2015	11.8	13.3	1.5	0	1.42	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-12		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
7/16/2015	0	14.45	0	0	0	DID NOT REMOVE OIL
7/22/2015	14.55	14.6	0.05	0	0	
7/29/2015	14.65	14.67	0.02	0	0	
8/5/2015	14.7	14.75	0.05	0.06	0	REPLACED NRD
8/14/2015	14.8	14.85	0.05	0.09	0	
8/20/2015	0	14.75	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-13		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/20/2015	8.92	8.95	0.03	0.13	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-14		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/3/2015	13.3	14.5	1.2	0	1.5	
6/11/2015	13.1	14.2	1.1	0	1	
6/17/2015	13.25	14.3	1.05	0	1.25	
6/25/2015	13.25	14.35	1.1	0	1.12	
7/2/2015	13.1	14.2	1.1	0	0	NO OIL REMOVED
7/7/2015	13.15	14.2	1.05	0	0	DID NOT REMOVE OIL
7/16/2015	13.3	14.4	1.1	0	0	DID NOT REMOVE OIL
7/22/2015	13.4	14.55	1.15	0	0	DID NOT REMOVE OIL
7/29/2015	13.45	14.75	1.3	0	1.5	
8/5/2015	13.5	14.9	1.4	0	1.51	
8/14/2015	13.55	15.1	1.55	0	1.63	
8/20/2015	13.6	15	1.4	0	1.56	
8/26/2015	13.65	15.2	1.55	0	1.83	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-15		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/3/2015	8.05	8.1	0.05	0.12	0	REPLACED NRD
6/11/2015	7.9	8	0.1	0.15	0	REPLACED NRD
6/17/2015	7.7	7.75	0.05	0.12	0	REPLACED NRD
6/25/2015	8	8.1	0.1	0.11	0	REPLACED NRD
7/2/2015	0	7.9	0	0	0	LEFT NRD IN
7/7/2015	0	7.9	0	0	0	LEFT NRD IN
7/16/2015	0	7.95	0	0	0	LEFT NRD IN
7/22/2015	8.1	8.15	0.05	0.13	0	REPLACED NRD
7/29/2015	7.9	7.92	0.02	0.14	0	REPLACED NRD
8/5/2015	8.35	8.45	0.1	0.14	0	REPLACED NRD
8/14/2015	8.5	8.55	0.05	0.14	0	REPLACED NRD
8/20/2015	8.05	8.15	0.1	0.14	0	
8/21/2015	0	9.35	0	0	0	
8/26/2015	8.45	8.7	0.25	0.14	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-16		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/3/2015	0	14.55	0	0	0	LEFT NRD IN
6/11/2015	0	14.35	0	0	0	LEFT NRD IN
6/17/2015	0	14.45	0	0.15	0	REMOVED NRD
6/25/2015	14.4	14.5	0.1	0	0	ADDED NRD
7/2/2015	0	14.45	0	0.47	0	REMOVED NRD 2LB. 13 OZ
7/7/2015	14.3	14.35	0.05	0	0	DID NOT REMOVE OIL
7/16/2015	14.45	14.6	0.15	0	0	DID NOT REMOVE OIL
7/22/2015	14.55	14.75	0.2	0	0	NO OIL REMOVED
7/29/2015	14.6	14.95	0.35	0.31	0	REMOVED NRD
8/5/2015	14.65	14.95	0.3	0	0.3	
8/14/2015	14.75	15.1	0.35	0	0.1	
8/20/2015	14.8	14.9	0.1	0	0	
8/26/2015	14.8	15.4	0.6	0	0.45	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-17		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/20/2015	0	8.25	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-18		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/3/2015	13.35	13.4	0.05	0.53	0	REPLACED NRD
6/11/2015	0	13.1	0	0	0	LEFT NRD IN
6/17/2015	13	13.1	0.1	0.56	0	REMOVED NRD
6/25/2015	12.8	13.25	0.45	0	0.25	
7/2/2015	12.75	13	0.25	0	0	NO OIL REMOVED
7/7/2015	12.7	13.1	0.4	0	0	DID NOT REMOVE OIL
7/16/2015	12.9	13.4	0.5	0	0	DID NOT REMOVE OIL
7/22/2015	12.95	13.5	0.55	0	0	NO OIL REMOVED
7/29/2015	13	13.65	0.65	0	0.55	
8/5/2015	13.1	13.45	0.35	0	0.2	
8/14/2015	13.2	13.55	0.35	0.43	0	
8/20/2015	13.35	13.4	0.05	0	0	
8/26/2015	13.3	13.55	0.25	0	0.2	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: FA4-20	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/20/2015	0	13.2	0	0	0	Trace NAPL

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: FA4-21		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/11/2015	0	13.65	0	0	0	
7/22/2015	0	14.4	0	0	0	LEFT NRD IN
8/14/2015	0	14.5	0	0	0	LEFT NRD IN

Metro-North Yard: Harmon (OU I)					Well ID: FA4-23	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/11/2015	0	12.9	0	0	0	
7/22/2015	0	13.25	0	0	0	LEFT NRD IN
8/14/2015	0	13.65	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: PGW-2		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/11/2015	6.6	6.7	0.1	0.13	0	REPLACED NRD
7/22/2015	7.3	7.4	0.1	0.14	0	REPLACED NRD
8/14/2015	7.7	7.95	0.25	0.09	0	REPLACED NRD

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: RW-1		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/3/2015	14.7	15.85	1.15	0	0	3 BARRELS FULL/REPLACED DRUM
6/11/2015	14.6	14.65	0.05	0	0	LEFT NRD IN
6/17/2015	14.8	14.95	0.15	0	0	3 DRUMS FULL
6/25/2015	19.75	19.85	0.1	0	0	
7/2/2015	14.6	15	0.4	0	0	3.25 DRUMS FULL
7/7/2015	14.7	14.75	0.05	0	0	
7/16/2015	14.8	14.9	0.1	0	0	3.5 DRUMS FILLED
7/22/2015	14.9	15	0.1	0	0	4 DRUMS FULL LABLED AND SAMPLED
7/29/2015	14.95	15	0.05	0	0	
8/5/2015	17.05	17.15	0.1	0	0	
8/14/2015	15.1	15.3	0.2	0	0	1.5 DRUMS
8/20/2015	15.25	15.35	0.1	0	0	
8/26/2015	15.1	15.5	0.4	0	0	1 DRUM FULL

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-1		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/20/2015	0	9.6	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-5		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/3/2015	10	10.1	0.1	0.48	0	REPLACED NRD
6/11/2015	9.8	9.9	0.1	0.43	0	REPLACED NRD
6/17/2015	9.9	9.95	0.05	0.48	0	
6/25/2015	9.9	9.95	0.05	0.46	0	REPLACED NRD
7/2/2015	9.8	9.85	0.05	0.5	0	CHANGED NRD
7/7/2015	9.9	9.95	0.05	0.44	0	REPLACED NRD
7/16/2015	9.9	9.95	0.05	0.46	0	REPLACED NRD
7/22/2015	10.05	10.1	0.05	0.5	0	REPLACED NRD
7/29/2015	10.05	10.1	0.05	0.52	0	REPLACED NRD
8/5/2015	10.3	10.35	0.05	0.54	0	REPLACED NRD
8/14/2015	10.15	10.5	0.35	0.48	0.2	REPLACED NRD
8/20/2015	10.15	10.25	0.1	0.52	0	
8/26/2015	10.35	10.55	0.2	0.53	0	REPLACED NRD

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-6		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/6/2015	0	8.4	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-7		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/11/2015	0	7.7	0	0	0	
7/22/2015	7.95	8	0.05	0	0	ADDED NRD
8/14/2015	0	8.25	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-8		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/11/2015	0	7.95	0	0	0	
7/22/2015	0	8.25	0	0	0	
8/14/2015	0	8.55	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-9		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/11/2015	8.25	8.3	0.05	0	0	ADDED NRD
7/22/2015	0	9.3	0	0	0	LEFT NRD IN
8/14/2015	0	9.55	0	0	0	LEFT NRD IN

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)					Well ID: VE4-10	
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/20/2015	0	12.6	0	0	0	trace NAPL

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-11		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/20/2015	0	13.15	0	0	0	

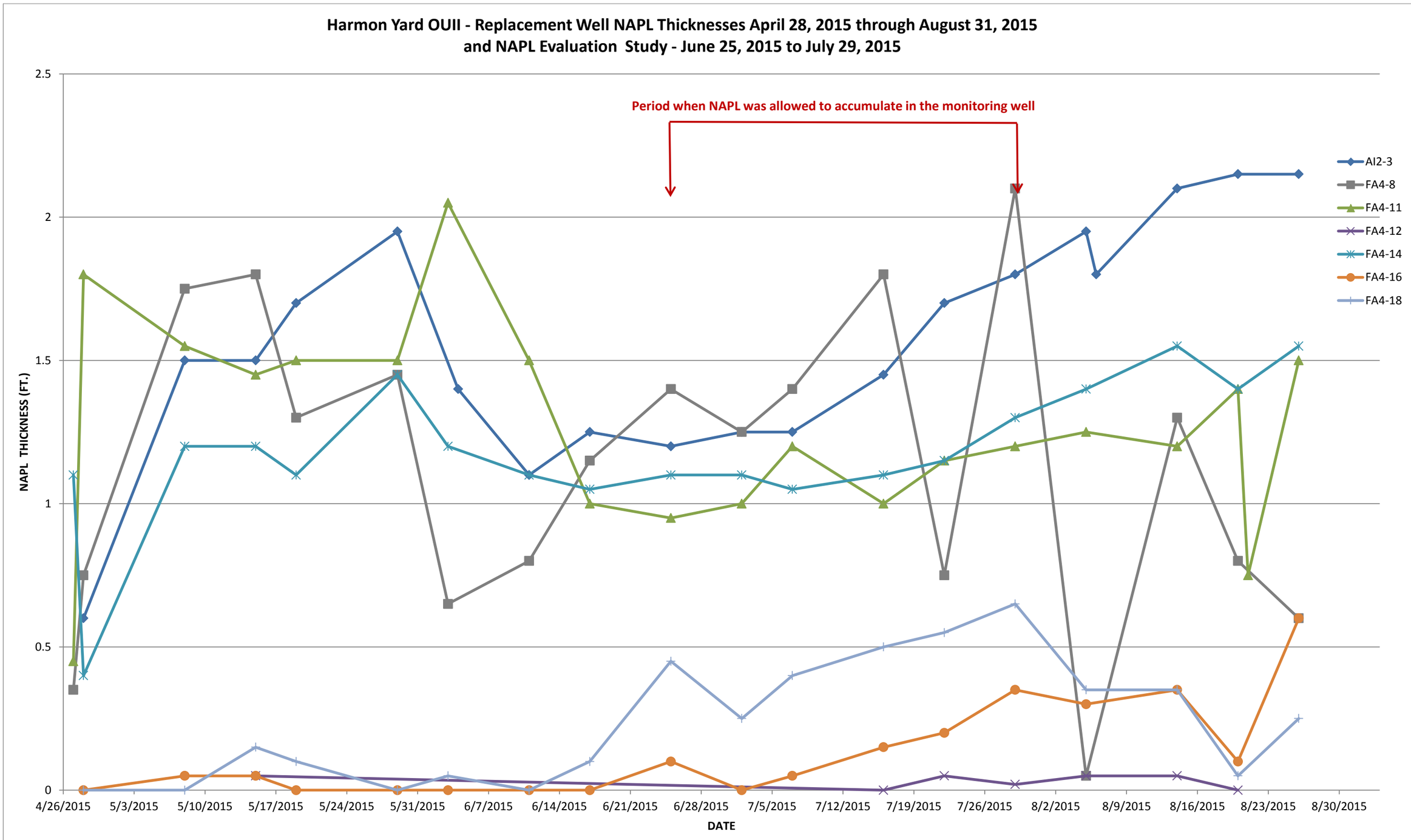
Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-12		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
6/17/2015	0	14.4	0	0	0	
8/20/2015	0	14.05	0	0	0	

Metro-North Railroad NAPL Recovery Report						
Metro-North Yard: Harmon (OU I)				Well ID: VE4-13		
Date	**Depth to NAPL (ft)**	**Depth to Water (ft)**	**NAPL Thickness (ft)**	**NAPL Recovered via NRD (gal)**	**Additional NAPL Recovered (gal)**	**Comments**
8/20/2015	0	13	0	0	0	

ATTACHMENT B

GRAPHICAL REPRESENTATIONS OF NAPL THICKNESSES IN REPLACEMENT WELLS INSTALLED APRIL 24, 2015

Harmon Yard OUII - Replacement Well NAPL Thicknesses April 28, 2015 through August 31, 2015 and NAPL Evaluation Study - June 25, 2015 to July 29, 2015



ATTACHMENT C

TEST RESULTS
FOR
ACCUMULATED NAPL SAMPLES
COLLECTED JULY 22, 2015

Technical Report

prepared for:

Metro North Commuter Railroad
Env. Dept. c/o Yardmaster, 24 Fisher Lane
White Plains NY, 10603
Attention: Mr. Ken McHale, Ass't. Director

Report Date: 07/30/2015
Client Project ID: Harmon OU 2 Recovered Oil
York Project (SDG) No.: 15G0900

Report Date: 07/30/2015
Client Project ID: Harmon OU 2 Recovered Oil
York Project (SDG) No.: 15G0900

Metro North Commuter Railroad
Env. Dept. c/o Yardmaster, 24 Fisher Lane
White Plains NY, 10603
Attention: Mr. Ken McHale, Ass't. Director

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 27, 2015 and listed below. The project was identified as your project: **Harmon OU 2 Recovered Oil**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15G0900-01	Harmon OU 2 Recovered Oil 2015-7-1	Oil	07/22/2015	07/27/2015
15G0900-02	Harmon OU 2 Recovered Oil 2015-7-2	Oil	07/22/2015	07/27/2015
15G0900-03	Harmon OU 2 Recovered Oil 2015-7-3	Oil	07/22/2015	07/27/2015
15G0900-04	Harmon OU 2 Recovered Oil 2015-7-4	Oil	07/22/2015	07/27/2015

General Notes for York Project (SDG) No.: 15G0900

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

Approved By: 

Date: 07/30/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Harmon OU 2 Recovered Oil 2015-7-1** | **York Sample ID:** **15G0900-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0900	Harmon OU 2 Recovered Oil	Oil	July 22, 2015 10:30 am	07/27/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Oil Preparation for GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 15:46	AMC
11104-28-2	Aroclor 1221	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 15:46	AMC
11141-16-5	Aroclor 1232	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 15:46	AMC
53469-21-9	Aroclor 1242	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 15:46	AMC
12672-29-6	Aroclor 1248	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 15:46	AMC
11097-69-1	Aroclor 1254	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 15:46	AMC
11096-82-5	Aroclor 1260	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 15:46	AMC
1336-36-3	* Total PCBs	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications:	07/28/2015 11:10	07/29/2015 15:46	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.5 %*	*30-150*

Sample Information

Client Sample ID: **Harmon OU 2 Recovered Oil 2015-7-2** | **York Sample ID:** **15G0900-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0900	Harmon OU 2 Recovered Oil	Oil	July 22, 2015 10:30 am	07/27/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Oil Preparation for GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:05	AMC
11104-28-2	Aroclor 1221	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:05	AMC
11141-16-5	Aroclor 1232	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:05	AMC
53469-21-9	Aroclor 1242	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:05	AMC
12672-29-6	Aroclor 1248	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:05	AMC

Sample Information

Client Sample ID: Harmon OU 2 Recovered Oil 2015-7-2 **York Sample ID:** 15G0900-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0900	Harmon OU 2 Recovered Oil	Oil	July 22, 2015 10:30 am	07/27/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Oil Preparation for GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:05	AMC
11096-82-5	Aroclor 1260	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:05	AMC
1336-36-3	* Total PCBs	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications:	07/28/2015 11:10	07/29/2015 16:05	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.5 %*	*30-150*

Sample Information

Client Sample ID: Harmon OU 2 Recovered Oil 2015-7-3 **York Sample ID:** 15G0900-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0900	Harmon OU 2 Recovered Oil	Oil	July 22, 2015 10:30 am	07/27/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Oil Preparation for GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:25	AMC
11104-28-2	Aroclor 1221	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:25	AMC
11141-16-5	Aroclor 1232	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:25	AMC
53469-21-9	Aroclor 1242	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:25	AMC
12672-29-6	Aroclor 1248	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:25	AMC
11097-69-1	Aroclor 1254	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:25	AMC
11096-82-5	Aroclor 1260	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications: CTDOH,NELAC-NY10854	07/28/2015 11:10	07/29/2015 16:25	AMC
1336-36-3	* Total PCBs	ND		mg/kg	1.00	5.00	1	EPA 8082A Certifications:	07/28/2015 11:10	07/29/2015 16:25	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*103 %*	*30-150*

Sample Information

Client Sample ID: Harmon OU 2 Recovered Oil 2015-7-4 **York Sample ID:** 15G0900-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0900	Harmon OU 2 Recovered Oil	Oil	July 22, 2015 10:30 am	07/27/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Oil Preparation for GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg	1.00	5.00	1	EPA 8082A	07/28/2015 11:10	07/29/2015 16:44	AMC
								Certifications: CTDOH,NELAC-NY10854			
11104-28-2	Aroclor 1221	ND		mg/kg	1.00	5.00	1	EPA 8082A	07/28/2015 11:10	07/29/2015 16:44	AMC
								Certifications: CTDOH,NELAC-NY10854			
11141-16-5	Aroclor 1232	ND		mg/kg	1.00	5.00	1	EPA 8082A	07/28/2015 11:10	07/29/2015 16:44	AMC
								Certifications: CTDOH,NELAC-NY10854			
53469-21-9	Aroclor 1242	ND		mg/kg	1.00	5.00	1	EPA 8082A	07/28/2015 11:10	07/29/2015 16:44	AMC
								Certifications: CTDOH,NELAC-NY10854			
12672-29-6	Aroclor 1248	ND		mg/kg	1.00	5.00	1	EPA 8082A	07/28/2015 11:10	07/29/2015 16:44	AMC
								Certifications: CTDOH,NELAC-NY10854			
11097-69-1	Aroclor 1254	ND		mg/kg	1.00	5.00	1	EPA 8082A	07/28/2015 11:10	07/29/2015 16:44	AMC
								Certifications: CTDOH,NELAC-NY10854			
11096-82-5	Aroclor 1260	ND		mg/kg	1.00	5.00	1	EPA 8082A	07/28/2015 11:10	07/29/2015 16:44	AMC
								Certifications: CTDOH,NELAC-NY10854			
1336-36-3	* Total PCBs	ND		mg/kg	1.00	5.00	1	EPA 8082A	07/28/2015 11:10	07/29/2015 16:44	AMC
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.5 %*	*30-150*

Notes and Definitions

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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

Field Chain-of-Custody Record

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

York Project No. 15G0900

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type**
Company: MNR	Company: K. McHale	Company: MNR	Harmon Oil II Recovered Oil	RUSH - Same Day ☐	Summary Report ____
Address: ____	Address: ____	Address: ____	**Purchase Order No.**	RUSH - Next Day ☐	Summary w/ QA Summary ____
____	T. Roszak	____		RUSH - Two Day ☐	CT RCP Package ____
Phone No. ____	Phone No. ____	Phone No. ____		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg ____
Contact Person: ____	Attention: J. Antonio	Attention: ____		RUSH - Four Day ☐	NY ASP A Package ____
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY ✓ NJ ___	Standard(5-7 Days) ☐	NY ASP B Package ____
					NJDEP Red. Deliv. ____
					Electronic Data Deliverables (EDD)
					Simple Excel ____
					NYSDEC EQuIS ✓
					EQuIS (std) ____
					EZ-EDD (EQuIS) ____
					NJDEP SRP HazSite EDD ____
					GIS/KEY (std) ____
					Other ____
					York Regulatory Comparison
					Excel Spreadsheet ____
					Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

F. Slater

Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Harmon Oil II Recovered Oil				
2015-7-1	7/22/15 1030 hrs		Check For PCB's	1-1ltr Amber unpreserved
2015-7-2	" "		Check For PCB's	1-1ltr Amber unpreserved
2015-7-3	" "		Check For PCB's	1-1ltr. Amber unpreserved.
2015-7-4	"		Check For PCB's	1-1ltr Amber Unpreserved

Comments
E-Mail To
SMELT@daymail.net

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Office		Chris	7-27-15 10:45
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Grace	7-27-15 1056

Temperature on Receipt 3.0 °C

ATTACHMENT D

BILL OF LADING AND WASTE MANIFEST
FOR
ACCUMULATED NAPL

ENVIRONMENTAL

SARA - 04-2 DRUMS
NON HAZ - PCB REGULATED

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) DID: 36846 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD084006477	1	CHIEF DISPATCHER 212-340-2050	014218086 JJK

5. Generator's Name and Mailing Address
METRO NORTH RAILROAD
C/O ENVIRONMENTAL DEPT
525 NORTH BROADWAY
WHITE PLAINS, NY 10603
Generator's Phone: 914-461-0593 ATTN:GAIL SILKE

Generator's Site Address (if different than mailing address)
METRO NORTH - CROTON ON HUDSON
1 CROTON POINT AVENUE
CROTON ON HUDSON, NY 10520

DRUMS # 04-2 2015 - 1 = 2 = 3 = 4

6. Transporter 1 Company Name
FREEHOLD CARTAGE, INC
U.S. EPA ID Number
NJD054126164

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC
1550 BALMER ROAD
PO BOX 200
MODEL CITY, NY 14107
Facility's Phone: 716-286-8231
U.S. EPA ID Number
NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ UN2315, POLYCHLORINATED BIPHENYLS, LIQUID, SOLUTION, 9, PG III	4	DM	518	K	NONE
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.) OIL FROM OU-2 (NY297075) ERG#171 OU-2 AREA WTS ORDER # 90031

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month 8 | Day 27 | Year 15

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name | Signature | Month | Day | Year
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. | 2. | 3. | 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month | Day | Year

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

S 583215

OH-2 4 drums

350 Pigeon Point Road
New Castle, DE 19720
Phone: (302) 658-2005
Fax: (302) 658-6229

175 Bartow Mun. Airport
Bartow, FL 33830
Phone: (863) 533-4599
Fax: (863) 533-1613

[illegible] Bentham Road
Maple Heights, OH 44137
Phone: (330) 835-3473
Fax: (330) 835-3732

108 Monahan Avenue
Dunmore, PA 18512
Phone: (570) 342-7232
Fax: (570) 342-7367

132 Myrtle Beach Hwy.
Sumter, SC 29153
Phone: (803) 773-2611
Fax: (803) 773-2942

SHIPPER NAME/ADDRESS	PHONE (AREA CODE)		APPOINTMENT TIME
[illegible]		TRACTOR 744 / TRAILER 53777	:
FCI REP. LOADING (PRINT)	PROCEDURE	EQUIP. SPOTTED	EQUIP. REMOVED
J/K			
TIME AT SHIPPER (MILITARY TIME ONLY)			
: ARRIVAL TIME	: DEPARTURE TIME		
COMMENTS OR DELAYS AT SHIPPER		EQUIPMENT USED	

BROKER:

PO#: WO#:

MANIFEST / DOCUMENT NO. [illegible]

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
	1					2	DM	X 55	G		
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER

SHIPPER'S CERTIFICATION: This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE	SHIPPER'S SIGNATURE	DATE LOADED
KEN McHALE	X [signature] I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.	5/12/17 MO. DAY YR.

CONSIGNEE NAME/ADDRESS	PHONE (AREA CODE).		APPOINTMENT TIME
CWM [illegible]		TRACTOR / TRAILER	:
FCI REP. UNLOADING (PRINT)	PROCEDURE	EQUIP. SPOTTED	EQUIP. REMOVED
TIME AT CONSIGNEE (MILITARY TIME ONLY)			
: ARRIVAL TIME	: DEPARTURE TIME		
COMMENTS OR DELAYS AT CONSIGNEE		EQUIPMENT USED	

PLEASE PRINT NAME/TITLE	CONSIGNEE SIGNATURE	DATE UNLOADED
	X	/ / MO. DAY YR.

AR H-0257	MD HWH-167	MO H-1490	OH UPW-0190713-OH	TX 40705
CT CT-HW-307	2001-OPV-2335	ND WH-429	OK UPW-0190713-OH	WI 11602
DE DE-HW-203	ME ME-HWT-47	NH TNH-0047	ONTARIO, CANADA A 840943	WV UPW-0190713-OH
DE-SW-203	ME-WOT-47	NJ S-2265	PA PA-AH-0067	
IL UPW-0190713-OH	MI UPW-0190713-OH	15939	QUEBEC, CANADA QC-6ML-047	
MA MA-294	MN UPW-0190713-OH	NY NJ-113	RI RI-535	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S 583215

ATTACHMENT E

GROUNDWATER TEST RESULT SUMMARY

NYSDEC Site #360010
Harmon Yard Waste Water Area
OU II

Summary of Volatile Organic Compounds
Groundwater Samples

Compound	Groundwater Standard or Guidance Value (1)	Test Location and Sample Date																					
		VE 1-2						VE 1-4						VE 2-1						VE 3-1					
		3/27/12	9/12/12	4/2/13	9/25/13	5/27/14	5/20/15	3/27/12	9/12/12	4/2/13	9/25/13	5/27/14	5/20/15	3/28/12	9/12/12	4/2/13	9/24/13	5/28/14	5/20/15	3/27/12	9/11/12	4/2/13	9/25/13	5/28/14	5/19/15
1,2,4-Trimethylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	3.4 J	2.6 J	ND [5.0]	**5.1**	**5.1**	3.60
1,3,5-Trimethylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	1.9 J	1.2 J	ND [5.0]	2.0 J	2.2 J	1.70
Benzene	1	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	ND [1.0]	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	ND [1.0]	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	ND [1.0]	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	ND [1.0]
Chlorobenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	2.6 J	2.4 J	ND [5.0]	3.6 J	2.5 J	2.70
Ethylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	0.81 J	0.40 J
Isopropylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]
Methyl tert-butyl ether (MTBE)	10	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]
Naphthalene	10	1.7 J, B	ND [10]	1.4 J	ND [10]	ND [10]	ND [1.0]	0.93 J, B	ND [10]	ND [10]	ND [10]	ND [10]	ND [1.0]	ND [10]	ND [10]	ND [10]	1.3 J,B	1.3 J,B	ND [1.0]	5.6 J, B	6.6 J	ND [10]	9.3 J	10	9.00
n-Butylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	1.1 J	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]
n-Propylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	0.42 J
o-Xylene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	1.0 J	0.97 J
p- & m- Xylenes	NS	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2.0]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2.0]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2.0]	ND [10]	ND [10]	ND [10]	ND [10]	1.1 J	0.56 J
p-Isopropyltoluene	NS	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	1.5 J	ND [5.0]	ND [5.0]	0.89 J	1.6 J	0.79 J
sec-Butylbenzene	5	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND [1.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND [1.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND [1.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND [1.0]
tert-Butylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]
Toluene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	0.77 J
Xylenes, Total	5	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	ND [3.0]	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	ND [3.0]	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	ND [3.0]	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	2.1 J	1.35 J

Compound	Groundwater Standard or Guidance Value (1)	Test Location and Sample Date																					
		VE 4-11							DAY 1						Field Blank						Trip Blank		
		3/27/12	9/11/12	/11/12 DU	4/2/13	9/24/13	5/27/14	5/19/15	3/27/12	9/11/12	4/2/13	9/24/13	5/27/14	5/19/15	3/28/12	9/12/12	4/2/13	9/25/13	5/20/15	9/12/12	4/2/13	9/25/13
1,2,4-Trimethylbenzene	5	1.1 J	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	0.43 J	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
1,3,5-Trimethylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
Benzene	1	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	ND [1.0]	**ND [5.0]**	0.82 J	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	0.53 J	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**	ND [1.0]	**ND [5.0]**	**ND [5.0]**	**ND [5.0]**
Chlorobenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
Ethylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	0.27 J	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
Isopropylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
Methyl tert-butyl ether (MTBE)	10	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
Naphthalene	10	4.0 J, B	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [1.0]	1.9 J, B	ND [10]	ND [10]	ND [10]	1.9 J	2.00	ND [10]	ND [10]	ND [10]	ND [10]	ND [1.0]	ND [10]	ND [10]	ND [10]
n-Butylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	0.37 J	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
n-Propylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
o-Xylene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	0.48 J	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
M p- & m- Xylenes	NS	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2.0]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2.0]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2.0]	ND [10]	ND [10]	ND [10]
p-Isopropyltoluene	NS	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
sec-Butylbenzene	5	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND [1.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND [1.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND[5.0]	ND [1.0]	ND[5.0]	ND[5.0]	ND[5.0]
tert-Butylbenzene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
Toluene	5	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	0.40 J	ND [5.0]	ND [5.0]	ND [5.0]	ND [5.0]	ND [1.0]	ND [5.0]	ND [5.0]	ND [5.0]
Xylenes, Total	5	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	ND [3.0]	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	0.48 J	**ND [15]**	**ND [15]**	**ND [15]**	**ND [15]**	ND [3.0]	**ND [15]**	**ND [15]**	**ND [15]**

Notes:

All results and groundwater standards/guidance values are in parts per billion (ppb)

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.

ND [Reporting Limit] = Not Detected at a concentation greater than the reporting limit shown in brackets

NS = No Standard

J = Estimated concentration.

B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

BOLD TYPE indicates the reported concentration or reporting limit exceeds the groundwater standard or guidance value

NYSDEC Site #360010
Harmon Yard Waste Water Area
OU II

Summary of Semi-Volatile Organic Compounds
Groundwater Samples

Compound	Groundwater Standard or Guidance Value (1)	Test Location and Sample Date																					
		VE 1-2						VE 1-4						VE 2-1						VE 3-1					
		3/27/12	9/12/12	4/2/13	9/25/13	5/27/14	5/20/15	3/27/12	9/12/12	4/2/13	9/25/13	5/27/14	5/20/15	3/28/12	9/12/12	4/2/13	9/24/13	5/28/14	5/20/15	3/27/12	9/11/12	4/2/13	9/25/13	5/28/14	5/19/15
2-Methylnaphthalene	NS	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [5.88]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [6.67]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [5.88]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	12	4.30 J	ND [10]
Acenaphthene	20	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	**ND [26.3]**	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	9.26	ND [0.06]	3.600 J
Acenaphthylene	NS	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	ND [5.88]	ND [0.06]	ND [10]
Anthracene	50	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	3.44 J	ND [0.06]	ND [10]
Benzo(a)anthracene	0.002	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [6.25]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.71]**	**ND [5.26]**	**ND [5.88]**	**ND [0.07]**	**ND [10.2]**	**ND [5.13]**	**ND [6.25]**	**ND [26.3]**	**ND [5.56]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.26]**	**ND [5.13]**	**ND [5.88]**	**0.238**	ND [10]
Benzo(a)pyrene	ND	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	ND [5.88]	**0.112**	ND [10]
Benzo(b)fluoranthene	0.002	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [6.25]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.71]**	**ND [5.26]**	**ND [5.88]**	**ND [0.07]**	**ND [10.2]**	**ND [5.13]**	**ND [6.25]**	**ND [26.3]**	**ND [5.56]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.26]**	**ND [5.13]**	**ND [5.88]**	**0.275**	ND [10]
Benzo(g,h,i)perylene	NS	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	ND [5.88]	0.100	ND [10]
Benzo(k)fluoranthene	0.002	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [6.25]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.71]**	**ND [5.26]**	**ND [5.88]**	**ND [0.07]**	**ND [10.2]**	**ND [5.13]**	**ND [6.25]**	**ND [26.3]**	**ND [5.56]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.26]**	**ND [5.13]**	**ND [5.88]**	**0.262**	ND [10]
Chrysene	0.002	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [6.25]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.71]**	**ND [5.26]**	**ND [5.88]**	**ND [0.07]**	**ND [10.2]**	**ND [5.13]**	**ND [6.25]**	**ND [26.3]**	**ND [5.56]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.26]**	**ND [5.13]**	**ND [5.88]**	**0.250**	ND [10]
Dibenzo(a,h)anthracene	NS	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	ND [5.88]	ND [0.06]	ND [10]
Fluoranthene	50	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	1.94 J	ND [0.06]	ND [10]
Fluorene	50	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	2.85 J	ND [5.13]	12.3	6.75	3.200 J
Indeno(1,2,3-cd)pyrene	0.002	**ND [5.13]**	ND [5.56]	**ND [5.13]**	**ND [6.25]**	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.71]**	**ND [5.26]**	**ND [5.88]**	**ND [0.07]**	**ND [10.2]**	**ND [5.13]**	**ND [6.25]**	**ND [26.3]**	ND [5.56]	**ND [0.06]**	**ND [10.1]**	**ND [5.13]**	**ND [5.26]**	**ND [5.13]**	**ND [5.88]**	**0.112**	ND [10]
Naphthalene	10	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	**ND [10.1]**	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	**ND [10.2]**	ND [5.13]	ND [6.25]	**ND [26.3]**	ND [5.56]	ND [0.06]	**ND [10.1]**	ND [5.13]	ND [5.26]	ND [5.13]	ND [5.88]	ND [0.06]	ND [10]
Phenanthrene	50	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	2.41 J	1.87 J	23	10.8	2.600 J
Pyrene	50	ND [5.13]	ND [5.56]	ND [5.13]	ND [6.25]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.71]	ND [5.26]	ND [5.88]	ND [0.07]	ND [10.2]	ND [5.13]	ND [6.25]	ND [26.3]	ND [5.56]	ND [0.06]	ND [10.1]	ND [5.13]	ND [5.26]	ND [5.13]	2.08 J	3.28	ND [10]

Compound	Groundwater Standard or Guidance Value (1)	Test Location and Sample Date																					
		VE 4-11							DAY 1						FB								
		3/27/12	9/11/12	/11/12 DU	4/2/13	9/24/13	5/27/14	5/19/15	3/27/12	9/11/12	4/2/13	9/24/13	5/27/14	5/19/15	3/28/12	9/12/12	4/2/13	9/25/13	5/20/15				
2-Methylnaphthalene	NS	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [6.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [5.88]	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Acenaphthene	20	ND [5.13]	ND [5.71]	ND [6.06]	**ND [25.0]**	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	2.500 J	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Acenaphthylene	NS	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Anthracene	50	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Benzo(a)anthracene	0.002	**ND [5.13]**	**ND [5.71]**	**ND [6.06]**	**ND [25.0]**	**ND [6.67]**	**ND [0.06]**	**ND [10.3]**	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [12.1]**	**ND [0.06]**	**ND [10.2]**	**ND [5.13]**	**ND [5.26]**	**ND [5.26]**	ND [5.56]	**ND [10.1]**				
Benzo(a)pyrene	ND	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Benzo(b)fluoranthene	0.002	**ND [5.13]**	**ND [5.71]**	**ND [6.06]**	**ND [25.0]**	**ND [6.67]**	**ND [0.06]**	**ND [10.3]**	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [12.1]**	**ND [0.06]**	**ND [10.2]**	**ND [5.13]**	**ND [5.26]**	**ND [5.26]**	ND [5.56]	**ND [10.1]**				
Benzo(g,h,i)perylene	NS	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Benzo(k)fluoranthene	0.002	**ND [5.13]**	**ND [5.71]**	**ND [6.06]**	**ND [25.0]**	**ND [6.67]**	**ND [0.06]**	**ND [10.3]**	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [12.1]**	**ND [0.06]**	**ND [10.2]**	**ND [5.13]**	**ND [5.26]**	**ND [5.26]**	ND [5.56]	**ND [10.1]**				
Chrysene	0.002	**ND [5.13]**	**ND [5.71]**	**ND [6.06]**	**ND [25.0]**	**ND [6.67]**	**ND [0.06]**	**ND [10.3]**	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [12.1]**	**ND [0.06]**	**ND [10.2]**	**ND [5.13]**	**ND [5.26]**	**ND [5.26]**	ND [5.56]	**ND [10.1]**				
Dibenzo(a,h)anthracene	NS	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Fluoranthene	50	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Fluorene	50	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	3.300 J	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Indeno(1,2,3-cd)pyrene	0.002	**ND [5.13]**	**ND [5.71]**	**ND [6.06]**	**ND [25.0]**	**ND [6.67]**	**ND [0.06]**	**ND [10.3]**	**ND [5.13]**	**ND [5.56]**	**ND [5.13]**	**ND [12.1]**	**ND [0.06]**	**ND [10.2]**	**ND [5.13]**	**ND [5.26]**	**ND [5.26]**	ND [5.56]	**ND [10.1]**				
Naphthalene	10	ND [5.13]	ND [5.71]	ND [6.06]	**ND [25.0]**	ND [6.67]	ND [0.06]	**ND [10.3]**	ND [5.13]	ND [5.56]	ND [5.13]	**ND [12.1]**	0.141	**ND [10.2]**	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	**ND [10.1]**				
Phenanthrene	50	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	0.471	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				
Pyrene	50	ND [5.13]	ND [5.71]	ND [6.06]	ND [25.0]	ND [6.67]	ND [0.06]	ND [10.3]	ND [5.13]	ND [5.56]	ND [5.13]	ND [12.1]	ND [0.06]	ND [10.2]	ND [5.13]	ND [5.26]	ND [5.26]	ND [5.56]	ND [10.1]				

Notes:

All results and groundwater standards/guidance values are in parts per billion (ppb)

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.

ND [Reporting Limit] = Not Detected at a concentation greater than the reporting limit shown in brackets

NS = No Standard

J = Estimated Concentration

BOLD TYPE indicates the concentration or reporting limit exceeds the groundwater standard or guidance value

NYSDEC Site #360010
Harmon Yard Waste Water Area
OU II

Summary of Polychlorinated Biphenyls (PCBs)
Groundwater Samples

Compound	Groundwater Standard or Guidance Value (1)	Test Location and Sample Date																					
		VE 1-2						VE 1-4						VE 2-1						VE 3-1			
		3/27/12	9/12/12	4/2/13	9/25/13	5/27/14	5/20/15	3/27/12	9/12/12	4/2/13	9/25/13	5/27/14	5/20/15	3/28/12	9/12/12	4/2/13	9/24/13	5/28/14	5/20/15	3/27/12	9/11/12	4/2/13	9/25/13	5/28/14	5/19/15
Aroclor 1016	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Aroclor 1221	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Aroclor 1232	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Aroclor 1242	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Aroclor 1248	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Aroclor 1254	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Aroclor 1260	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Aroclor 1262	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Aroclor 1268	NS	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**
Total PCBs	0.09	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0606]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0625]	ND [0.0606]	**ND [0.51]**	ND [0.0513]	ND [0.0571]	ND [0.0526]	ND [0.0667]	ND [0.0625]	**ND [0.505]**	ND [0.0513]	ND [0.0513]	ND [0.0526]	ND [0.0588]	ND [0.0625]	**ND [0.5]**

Compound	Groundwater Standard or Guidance Value (1)	Test Location and Sample Date																
		VE 4-11						DAY 1						Field Blank				
		3/27/12	9/11/12	9/11/12 DUP	4/2/13	9/24/13	5/27/14	5/19/15	3/27/12	9/11/12	4/2/13	9/24/13	5/27/14	5/19/15	3/28/12	9/12/12	4/2/13	9/25/13	5/20/15
Aroclor 1016	NS	ND [0.0513]	ND [0.0625]	ND [0.0690]	ND [0.0500]	ND [0.0667]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Aroclor 1221	NS	ND [0.0513]	ND [0.0625]	ND [0.0690]	ND [0.0500]	ND [0.0667]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Aroclor 1232	NS	ND [0.0513]	ND [0.0625]	ND [0.0690]	ND [0.0500]	ND [0.0667]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Aroclor 1242	NS	ND [0.0513]	ND [0.0625]	ND [0.0690]	ND [0.0500]	ND [0.0667]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Aroclor 1248	NS	ND [0.0513]	ND [0.0625]	ND [0.0690]	ND [0.0500]	ND [0.0667]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Aroclor 1254	NS	ND [0.0513]	0.0805	0.0786	ND [0.0500]	0.0928	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Aroclor 1260	NS	ND [0.0513]	ND [0.0625]	ND [0.0690]	ND [0.0500]	ND [0.0667]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Aroclor 1262	NS	ND [0.0513]	ND [0.0625]	ND [0.0690]	ND [0.0500]	ND [0.0667]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Aroclor 1268	NS	ND [0.0513]	ND [0.0625]	ND [0.0690]	ND [0.0500]	ND [0.0667]	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**
Total PCBs	0.09	ND [0.0513]	0.0805	0.0786	ND [0.0500]	**0.0928**	ND [0.0588]	**ND [0.5]**	ND [0.0513]	ND [0.0556]	ND [0.0526]	ND [0.0625]	NT	**ND [0.51]**	ND [0.0513]	ND [0.0556]	ND [0.0513]	ND [0.0645]	**ND [0.505]**

Notes:
All results and groundwater standards/guidance values are in parts per billion (ppb)
(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.
ND [Reporting Limit] = Not Detected at a concentation greater than the reporting limit shown in brackets
NS = No Standard
BOLD TYPE indicates the concentration exceeds the groundwater standard for total PCBs

NYSDEC Site #360010
Harmon Yard Waste Water Area
OU II

Summary of Metals
Groundwater Samples

Compound	Groundwater Standard or Guidance Value[(1)]	Test Location and Sample Date																							
		VE 1-2						VE 1-4						VE 2-1						VE 3-1					
		3/27/12	9/12/12	4/2/13	9/25/13	5/27/14	5/20/15	3/27/12	9/12/12	4/2/13	9/25/13	5/27/14	5/20/15	3/28/12	9/12/12	4/2/13	9/24/13	5/28/14	5/20/15	3/27/12	9/11/12	4/2/13	9/25/13	5/28/14	5/19/15
Arsenic	25	ND [10]	ND [4.0]	ND [4.0]	ND [4.0]	ND [4.0]	2.82	ND [10]	ND [4.0]	ND [4.0]	ND [4.0]	ND [4.0]	3.5	ND [10]	ND [4.0]	ND [4.0]	ND [4.0]	ND [4.0]	0.507 J	ND [10]	4.71	6.03	ND [4.0]	5.62	9.16
Chromium	50	ND [5]	ND [5]	ND [5]	ND [5]	ND [5]	0.969 J	ND [5]	ND [5]	ND [5]	ND [5]	ND [5]	0.796 J	ND [5]	ND [5]	ND [5]	ND [5]	ND [5]	0.137 J	ND [5]	ND [5]	ND [5]	ND [5]	ND [5]	3.07
Copper	200	ND [5]	ND [5]	ND [5]	ND [3]	ND [3]	3.21	ND [5]	ND [5]	ND [5]	ND [3]	ND [3]	10.8	ND [5]	6.72	5.56	4.70	9.00	4.55	ND [5]	ND [5]	ND [5]	ND [3]	ND [3]	5.24
Lead	25	ND [3]	ND [3]	ND [3]	ND [3]	ND [3]	4.34	ND [3]	ND [3]	ND [3]	ND [3]	ND [3]	3.89	ND [3]	ND [3]	ND [3]	ND [3]	ND [3]	1.38	ND [3]	ND [3]	ND [3]	ND [3]	ND [3]	3.77

Compound	Groundwater Standard or Guidance Value[(1)]	Test Location and Sample Date																	
		VE 4-11							DAY 1						Field Blank				
		3/27/12	9/11/12	11/2012 DU	4/2/13	9/24/13	5/27/14	5/19/15	3/27/12	9/11/12	4/2/13	9/24/13	5/27/14	5/19/15	3/28/12	9/12/12	4/2/13	9/25/13	5/20/15
Arsenic	25	ND [10]	ND [4.0]	ND [4.0]	ND [4.0]	ND [4.0]	ND [4.0]	2.3	ND [10]	12.5	ND [4.0]	ND [4.0]	ND [4.0]	10.7	ND [10]	ND [4.0]	ND [4.0]	ND [4.0]	ND [1.0]
Chromium	50	ND [5]	ND [5]	ND [5]	ND [5]	ND [5]	ND [5]	1.37 J	ND [5]	ND [5]	ND [5]	ND [5]	ND [5]	1.31 J	ND [5]	ND [5]	ND [5]	ND [5]	0.431 J
Copper	200	7.64	10.1	8.7	ND [5]	13.7	4.44	9.24	ND [5]	ND [5]	ND [5]	ND [3]	ND [3]	1.34 J	ND [5]	ND [5]	ND [5]	17.3	80
Lead	25	ND [3]	ND [3]	ND [3]	ND [3]	ND [3]	ND [3]	1.55	ND [3]	ND [3]	ND [3]	ND [3]	ND [3]	1.75	ND [3]	ND [3]	ND [3]	ND [3]	1.6

Notes:

All results and groundwater standards/guidance values are in parts per billion (ppb)

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.

ND (Method Detection Limit) [Reporting Limit] = Not Detected at a concentation greater than the reporting limit shown in brackets

NS = No Standard

J = Estimated Concentration