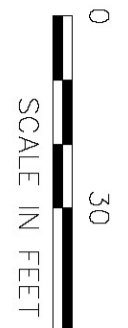


VOCs	JAN 04		JAN 05		MAY 06	
	MW-1 CONC.	MW-1 DUP CONC.	MW-1 CONC.	MW-1 DUP CONC.	MW-1 CONC.	MW-1 DUP CONC.
Benzene (1)	150	180	15 J.D	19 J	17 J	6 U
Bromobenzene (5)	5 U	50 U	8 J.D	6 U	12 U	12 U
Bromochloroethane (5)	5 U	50 U	9 J.D	100 U	12 U	0.9 U
sec-Butylbenzene (5)	5 U	8 J	33 J.D	100 U	0.9 U	0.9 U
Chloroform (7)	5 U	50 U	19 J.D	100 U	7 U	7 U
1,1-Dichloroethane (5)	5 U	50 U	50 J.D	100 U	7 U	6 U
1,1-Dichloropropane (0.4)	2 J	50 U	7 J.D	100 U	1.3 U	1.3 U
1,1-Dichloroethane (5)	2 J	100 U	7 J.D	200 U	1.3 U	6 U
1,2-Dichloroethane (0.5)	5 U	50 U	14 J	100 U	6 U	6 U
1,2-Dichloropropane (1)	5 U	50 U	42 J.D	100 U	9 U	9 U
2,2-Dichloropropane (5)	5 U	50 U	22 J.D	100 U	0.8 U	0.8 U
Ethylbenzene (5)	280	30 J	6,800 D	1,300	1,100	1,100
Isopropylbenzene (5)	33	20 J	180 D	100 U	57	47 J
4-Isopropyltoluene (5)	7	13 J	17 J.D	0.8 U	0.8 U	4 U
Methylene chloride (5)	5 U	50 U	920 U	140 U	4 U	0.3 U
Methyl tert-butyl ether (MTBE) (10)	5 U	50 U	21 J.D	100 U	0.3 U	0.3 U
Naphthalene (10)	5 U	50 U	1,200 D	88 J.D	750	110
n-Propylbenzene (5)	5 U	50 U	220 D	100 U	140	110
Styrene (5)	45	50 U	50 U	100 U	0.5 U	0.5 U
Tetrachloroethylene (5)	1 J	50 U	23 J.D	100 U	5 U	5 U
1,1,2,2-Tetrachloroethane (5)	1 J	50 U	28 J.D	100 U	4 U	4 U
1,2,4,5-Tetrachlorobenzene (5)	73	150	380 D	54 J.D	5 U	5 U
Toluene (5)	5 U	50 U	3,600 D	800 D	200	170
1,2,3-Trichlorobenzene (5)	5 U	50 U	8 J.D	100 U	1.1 U	1.1 U
1,2,4-Trichlorobenzene (5)	5 U	50 U	8 J.D	100 U	0.9 U	0.9 U
1,1,1-Trichloroethane (5)	5 U	50 U	56 J.D	4 U	4 U	4 U
1,2,4-Trichloroethane (5)	1,400 D (10:1)	2,200	9,300 D	1,560 D	750	640
1,3,5-Trimethylbenzene (5)	460	800	2,600 D	440 D	250	220
m/p-Xylene (5)	3,500 D (10:1)	6,600	25,000 D	4,300 D	1,700	1,400
o-Xylene (5)	2,100 D (10:1)	4,600	14,000 D	2,400 D	540	480
SVOCs	CONC.	CONC.	CONC.	CONC.	CONC.	CONC.
bis(2-Ethylhexyl)phthalate (50)	2 U	2 U	2 U	2 U	-	-
2-Methylphenol	5 U	5 U	5 U	5 U	-	-
4-Methylphenol	7	8	5 U	4 U	-	-
Naphthalene (0.4 &/or 10)	20	2 U	78	30	120	120

- NOTES:**
- ANALYTICAL RESULTS ON THIS FIGURE ARE THOSE OBTAINED DURING THE THREE PHASE II SITE INVESTIGATION GROUNDWATER SAMPLING EVENTS IN EXCEEDANCE OF THE NYSDEC PART 703 STANDARDS AND/OR NYSDEC TOGS 1,1,1 GUIDANCE VALUES.
 - ANALYTICAL RESULTS EITHER (1) BELOW THE NYSDEC STANDARDS/GUIDELINES OR (2) QUALIFIED WITH ONE OF THE FOLLOWING QUALIFIERS ARE NOT SHOWN ON THIS FIGURE:
 - "U" MEANING THAT THE ANALYTE WAS NOT DETECTED AT THE INDICATED CONCENTRATION.
 - "B" MEANING THAT THE ANALYTE WAS FOUND IN THE LABORATORY BLANK AS WELL AS THE SAMPLE.
 - HOWEVER, IF AN EXCEEDANCE WAS DETERMINED FOR AN ANALYTE IN THE GROUNDWATER SAMPLE FROM ONE OR MORE SAMPLING EVENT, THE ANALYTICAL RESULTS OF THE REMAINING GROUNDWATER SAMPLING EVENTS IS PROVIDED FOR THAT ANALYTE, DESPITE THE QUALIFIER.
 - VALUES PROVIDED IN PARENTHESIS AFTER THE ANALYTE IS THE NYSDEC STANDARD. VALUES PROVIDED IN PARENTHESIS AND IN ITALICS AFTER THE ANALYTE IS THE NYSDEC GUIDELINE.
 - ALL CONCENTRATIONS PROVIDED IN THIS FIGURE ARE IN PPB.
 - DATA INDICATES THE PRESENCE OF A COMPOUND THAT MEETS THE IDENTIFICATION CRITERIA. THE CONCENTRATION GIVEN IS AN APPROXIMATE VALUE.
 - DILUTION PERFORMED DUE TO ANALYTE'S CONCENTRATION EXCEEDED THE CALIBRATED RANGE OF THE INSTRUMENT FOR SPECIFIC ANALYSIS.
 - E: EXCEEDS CALIBRATION.
 - VOC: VOLATILE ORGANIC COMPOUND
 - SVOC: SEMI-VOLATILE ORGANIC COMPOUND
 - SB: SOIL BORING
 - MW: GROUNDWATER MONITORING WELL
 - PPB: PARTS PER BILLION
 - DUP: DUPLICATE SAMPLE
 - DBL/OBLITERANCE OF NYSDEC GUIDELINE
- LEGEND:**
- MONITORING WELL
 - SITE BOUNDARY
 - PROPERTY BOUNDARY



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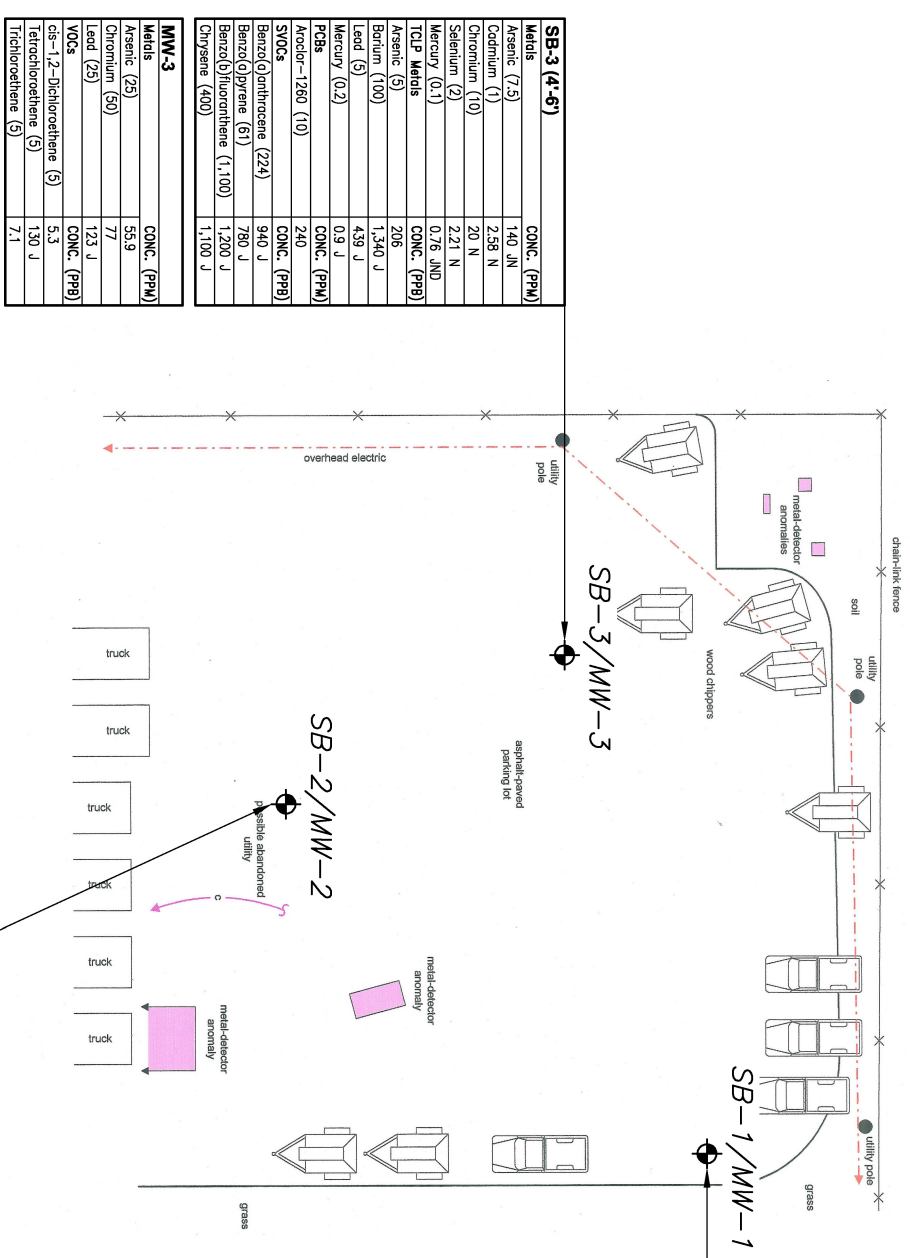
Name	Date	Drawn	Check	Scale	Proj. No.
A	10/05/08	NI	NS		
B	01/06/08	NI	NS		

Project Manager	Architect	Engineer	Inspector
N. SANTIAGO			

**YONKERS PARKING AUTHORITY
PROPOSED REMEDIAL ACTION PLAN**

**COMPARISON OF ON-SITE UNDERGROUND
SAMPLING RESULTS FOR MW-1
AS SHOWN**

Date: 01/15/08
Project No.: 11786
Figure No.: 7



SB-3 (4-6')	
Metals	CONC. (PPM)
Arsenic (7.5)	140 JIN
Cadmium (1)	2.58 N
Chromium (10)	20 N
Selenium (2)	2.21 N
Mercury (0.1)	0.76 JND
TCLP Metals	CONC. (PPB)
Arsenic (5)	206
Boron (100)	1,340 J
Lead (5)	439 J
Mercury (0.2)	0.9 J
PCBs	CONC. (PPM)
Aroclor-1260 (10)	240
SVOCs	CONC. (PPB)
Benzo(a)anthracene (224)	940 J
Benzo(b)pyrene (61)	780 J
Benzo(g)fluoranthene (1,100)	1,200 J
Chrysene (400)	1,100 J
MM-3	CONC. (PPM)
Metals (25)	55.9
Chromium (50)	77
Lead (25)	123 J
VOCs	CONC. (PPB)
cis-1,2-Dichloroethene (5)	5.3
Tetrachloroethene (5)	130 J
Trichloroethene (5)	7.1

SB-2 (4-6')	
Metals	CONC. (PPM)
Arsenic (7.5)	199 JIN
Cadmium (1)	4.3 N
Chromium (10)	263.5 N
Lead (500)	865 JIN
Mercury (0.1)	1.6 JND
TCLP Metals	CONC. (PPB)
Arsenic (5)	1,340
Boron (100)	1,430 J
Lead (5)	1,980 J
Mercury (0.2)	CONC. (PPB)
Benzo(a)pyrene (61)	140 J

SB-2 (6-8')	
Metals	CONC. (PPM)
Arsenic (7.5)	83.7 JIN
Cadmium (1)	1.78 N
Chromium (10)	21.5 N
Mercury (0.1)	0.1979 JND
TCLP Metals	CONC. (PPB)
Arsenic (5)	481
Boron (100)	1,170 J
Lead (5)	374 J
Mercury (0.2)	0.825 J

MM-2	
Metals (25)	98.7
Cadmium (5)	6.06
Chromium (50)	115
Lead (25)	206 J
Selenium (10)	10.5
Mercury (0.7)	1.58 J
PCBs	CONC. (PPM)
Aroclor-1016 (0.09)	1.2
Aroclor Total (0.09)	1.2
VOCs	CONC. (PPB)
Tetrachloroethene (5)	16 J

MM-2 DUP	
Metals (25)	114
Arsenic (7.5)	83.7 JIN
Cadmium (1)	7.94
Chromium (50)	135
Lead (25)	253 J
Mercury (0.7)	1.85 J
PCBs	CONC. (PPM)
Aroclor-1016 (0.09)	1 JP
Aroclor Total (0.09)	1 JP
VOCs	CONC. (PPB)
Tetrachloroethene (5)	15 J

MW-1	
Metals	CONC. (PPM)
Lead (25)	56.1 J
PCBs	CONC. (PPM)
Aroclor-1016 (0.09)	11 EP
Aroclor Total (0.09)	11 EP
VOCs	CONC. (PPB)
tetrachloroethylene (5)	93 J
MM-1 DL	CONC. (PPM)
Aroclor-1016 (0.09)	21 D
Aroclor Total (0.09)	21 D

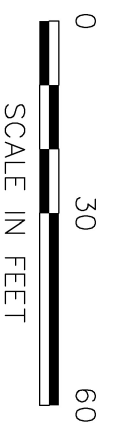
SB-1 (4-6')	
Metals	CONC. (PPM)
Cadmium (1)	1.15 N
Chromium (10)	19.8 N
Mercury (0.1)	0.161 JIN
TCLP Metals	CONC. (PPB)
Boron (100)	1,650 J
Mercury (0.2)	1.1 J
PCBs	CONC. (PPM)
Aroclor 1248 (10)	21,000 E
SVOCs	CONC. (PPB)
Benzo(a)anthracene (224)	320 J
Benzo(b)pyrene (61)	300 J
Chrysene (400)	570 J
SB-1 (4-6') DL	CONC. (PPM)
PCBs	33,000 JDP
Aroclor 1248 (10)	330,000 JDP

SB-1 DUP (4-6')	
Metals	CONC. (PPM)
Cadmium (1)	1.19 N
Chromium (10)	18.3 N
Mercury (0.1)	0.124 JIN
PCBs	CONC. (PPB)
Aroclor 1248 (10)	16,000 E
SVOCs	CONC. (PPB)
Benzo(a)pyrene (61)	180 J
TCLP Metals	CONC. (PPB)
Boron (100)	1,410 J
Mercury (0.2)	0.85 J
SB-1 DUP (4-6') DL	CONC. (PPM)
PCBs	27,000 JDP
Aroclor 1250 (10)	330 UD

- NOTES:
- ANALYTICAL RESULTS ON THIS FIGURE ARE THOSE OBTAINED DURING THE MARCH 2005 OFF-SITE SAMPLING ACTIVITIES AND ARE IN EXCEEDANCE OF EITHER THE (1) NYSDEC TAGM #4046 RSCOS (FOR NON-TCLP ANALYSES FOR SOIL SAMPLES); (2) NYSDEC STARS MEMO #1 (FOR TCLP ANALYSES FOR SOIL SAMPLES); OR (3) NYSDEC PART 703 STANDARDS AND/OR NYSDEC TOSS 1.1.1 GUIDANCE VALUES (FOR GROUNDWATER SAMPLES).
 - ANALYTICAL RESULTS EITHER (1) BELOW THE NYSDEC TAGM #4046 RSCOS, NYSDEC STARS MEMO #1 OR NYSDEC STANDARDS/GUIDELINES OR (2) QUALIFIED WITH ONE OF THE FOLLOWING QUALIFIERS ARE NOT SHOWN ON THIS FIGURE:
 - "U" MEANING THAT THE ANALYTE WAS NOT DETECTED AT THE INDICATED CONCENTRATION.
 - "B" MEANING THAT THE ANALYTE WAS FOUND IN THE LABORATORY BLANK AS WELL AS THE SAMPLE.
 - VALUES PROVIDED IN PARENTHESIS AFTER THE ANALYTE IS EITHER THE (1) NYSDEC TAGM #4046 RSCOS (FOR NON-TCLP ANALYSES FOR SOIL SAMPLES); (2) NYSDEC STARS MEMO #1 (FOR TCLP ANALYSES FOR SOIL SAMPLES); OR (3) THE NYSDEC STANDARD. VALUES PROVIDED IN PARENTHESIS AND IN ITALICS AFTER THE ANALYTE IS THE NYSDEC GUIDELINE.

- DATA INDICATES THE PRESENCE OF A COMPOUND THAT MEETS THE IDENTIFICATION CRITERIA. THE CONCENTRATION GIVEN IS AN APPROXIMATE VALUE.
- DILUTION PERFORMED DUE TO ANALYTE'S CONCENTRATION EXCEEDED THE CALIBRATED RANGE OF THE INSTRUMENT FOR SPECIFIC ANALYSIS.
- EXCEEDS CALIBRATION
- THE ANALYSIS INDICATES THE PRESENCE OF AN ANALYTE THAT HAS BEEN TENTATIVELY IDENTIFIED
- N: VOLATILE ORGANIC COMPOUND
- NO: SEMI-VOLATILE ORGANIC COMPOUND
- PCB: POLYCHLORINATED BIPHENYL
- TCLP: TOXICITY CHARACTERISTIC LEACHATE PROCEDURE
- SB: SOIL BORING
- MM: GROUNDWATER MONITORING WELL
- PPM: PARTS PER MILLION
- PPB: PARTS PER BILLION
- BOLD: EXCEEDANCE OF EITHER EITHER THE (1) NYSDEC TAGM #4046 RSCOS (FOR NON-TCLP ANALYSES FOR SOIL SAMPLES); (2) NYSDEC STARS MEMO #1 (FOR TCLP ANALYSES FOR SOIL SAMPLES); OR (3) NYSDEC PART 703 STANDARDS.

ITALICS: EXCEEDANCE OF NYSDEC GUIDELINE



Area	Name	Description	Date	Drawn By	Checked By	Scale	Notes
A	DRAFT S/P/AR		10/05 NI	NS	NS		
B	DRAFT S/P/AR		01/08 NI	NS	NS		

Project Manager
N. SANTIAGO

Architect
Civil

MEC/Process
Mechanical

Structural
Structural

Drawn By
N. INGRASSIA

YONKERS PARKING AUTHORITY
PROPOSED REMEDIAL ACTION PLAN

OFF-SITE SAMPLING ANALYTICAL RESULTS

Date: 01/15/08
Scale: AS SHOWN

Project No.: 11786
Page No.: 8



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