Non-Exceedance Locations Sample	
Location	**Depth (ft)**
A4	4 - 17
	5 - 5.5
A6	1.5 - 2
AA5	3 - 3.5
BS5	2.5 - 3
B6	2.5 - 3
B7	0.5 - 1
B1001	1.5 - 2
B101	1.5 - 2
B102	1.5 - 2
B105	1.5 - 2
B1201	1.5 - 2
B1301	1.5 - 2
B1302	1.5 - 2
B1303	1.8 - 2.3
B1304	1.8 - 2.3
B1304A	1.8 - 2.3
B1304B	1.8 - 2.3
B1304C	1.8 - 2.3
B1401	2.3 - 2.8
B201	1 - 1.5
	6 - 6.5
B303	1.5 - 2
	2.5 - 3
B304	1.5 - 2
B305A	1 - 1.5
B306C	1.5 - 2
B307D	1.5 - 2
B308E	1.5 - 2
B309D	1.5 - 2
B310	1.5 - 2
B311	1.5 - 2
B313C	1.5 - 2
B401	1.5 - 2
B401A	1.5 - 2
B401B	1.5 - 2
B501	1.5 - 2
B502	1.5 - 2
B601	1.5 - 2
B701	1.5 - 2
B802	1.5 - 2
B803	1.5 - 2
B901	1.5 - 2
BCB	1.5 - 2
C6	3 - 3.5
C7	0.5 - 1
C9	2.5 - 3
D4	1.5 - 2
D4A	3 - 3
	3 - 3.5
D5	3.5 - 4
D6	1.5 - 2
D10	1.5 - 2
	4 - 5
E5A	0.96 - 1.96
EF-08	2.5 - 3
EF-09	2.5 - 3
EF-11	2.5 - 3
EF-41	2.5 - 3
EF-42	2.5 - 3
EF-43	2.5 - 3
EF-58	2.5 - 3
F05	1 - 1.5
G3	1.5 - 2
G4	1.5 - 2
G4A	1.5 - 2
G9	3.5 - 4
MW1A	2 - 4
MW3B	1.5 - 2
MW4A	2 - 4
MW4D	1.5 - 2
MW5A	0 - 2
MW5D	1 - 1.5
MW7A	0 - 2
MW8A	0 - 2
OSB-5	0.4 - 1.4
	2 - 2.5
	5 - 5.5
PSEG-SB02	1.5 - 2
PSEG-SB07	1.5 - 2
SB1	0.5 - 1
	4 - 4.5
SB2	1 - 1.5
SB4	2 - 2.5
SB5	1 - 1.5
SB12	1 - 1.5
	4 - 4.5
SB17	1 - 1.5
SB18	1 - 1.5
SB21	1.5 - 2
TT108	4 - 4.5
TT109	1 - 1.5
	4 - 4.5
TT112	6 - 6.5
TT114	1.5 - 2
	3 - 3.5
TT1305	1.5 - 2
TT315	1 - 1.5
	3 - 3.5
TT316	4 - 4.5
TT317	2 - 2.5
TT319	0 - 0.5
TT703	1.5 - 2

LEGEND

- BORING LOCATIONS
- **ANALYTICAL RESULTS EXCEEDING THE NJDEP IGW SSL**
- 1,1,1-TRICHLOROETHANE (1,1,1-Tca) ≥ 0.2 PPM
- 1,2,4-TRICHLOROBENZENE (1,2,4-Tcb) ≥ 0.4 PPM
- 1,4-DICHLOROBENZENE (1,4-Dcb) ≥ 1 PPM
- CHLOROBENZENE (Cb) ≥ 0.4 PPM
- DICHLOROMETHANE (Dcm) ≥ 0.007 PPM
- STYRENE (Sty) ≥ 2 PPM
- TETRACHLOROETHENE (PCE) ≥ 0.005 PPM
- NO VOCs EXCEEDANCE AT THIS BORING LOCATION
- FORMER MGP BOUNDARY
- FORMER MORRIS CANAL
- EXCAVATION BOUNDARY

SAMPLE LOCATION (DEPTH IN FEET)	
ANALYTE NAME	RESULTS (ppm)

0 70 140 Feet

NOTES:
1. HORIZONTAL DATUM - NAD 1983
2. VERTICAL DATUM – NAVD 1988
3. DATA ARE COMPARED TO THE DEFAULT NJDEP IMPACT TO GROUNDWATER SOIL SCREENING LEVELS ("IGW SSL"), DECEMBER 2008.
4. DATA FOR GROUP 2 VOCS ARE PRESENTED ON A SEPARATE MAP.
5. RED FONT INDICATES AN EXCEEDANCE OF THE NJDEP IGW SSL.
6. GREY FONT INDICATES SOIL WAS REMOVED IN 2010-2011 DURING INTERIM REMEDIAL MEASURE #1.
7. "FD" INDICATES FIELD DUPLICATE.
8. FORMER MORRIS CANAL LIMITS ARE BASED ON ORIGINAL SURVEYS AND MAPPING BY J.R. BIEN AND C.C. VERMEULE, 1891.

AECOM

PPG INDUSTRIES
GARFIELD AVENUE PROJECT AREA, JERSEY CITY
REMEDIAL INVESTIGATION REPORT
HUDSON COUNTY, NEW JERSEY

60154801

DATE: NOVEMBER 2011 | DRAWN: J.E.B. | CHECKED BY: C.A.D.

FIGURE 5-30
SOIL COMPARISON TO NJDEP IGW SSL - GARFIELD AVENUE SITES
GROUP 1 VOCs (ppm)