

Non-Exceedance Locations

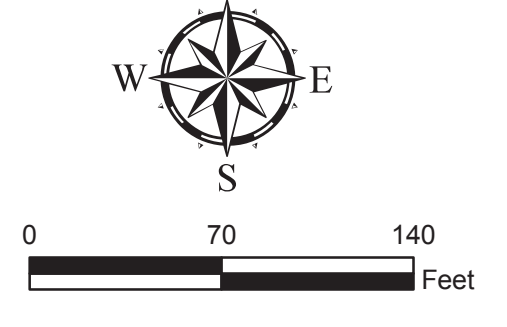
Location	Depth (ft)	Parameter
13A1C	0.8-1.1	Hg, Se, Ag, Zn
13A1D	2.0-3.1	Hg, Se, Ag, Zn
13A1E	4.1-5.8	Hg, Se, Ag, Zn
13A1F	5.5-7.0	Hg, Se, Ag, Zn
13A1G	8.1-10.2	Hg, Se, Ag, Zn
13A1H	11.2-13.5	Hg, Se, Ag, Zn
13A1I	14.5-17.5	Hg, Se, Ag, Zn
13A1J	18.5-21.5	Hg, Se, Ag, Zn
13A1K	22.5-25.5	Hg, Se, Ag, Zn
13A1L	26.5-29.5	Hg, Se, Ag, Zn
13A1M	30.5-33.5	Hg, Se, Ag, Zn
13A1N	34.5-37.5	Hg, Se, Ag, Zn
13A1O	38.5-41.5	Hg, Se, Ag, Zn
13A1P	42.5-45.5	Hg, Se, Ag, Zn
13A1Q	46.5-49.5	Hg, Se, Ag, Zn
13A1R	50.5-53.5	Hg, Se, Ag, Zn
13A1S	54.5-57.5	Hg, Se, Ag, Zn
13A1T	58.5-61.5	Hg, Se, Ag, Zn
13A1U	62.5-65.5	Hg, Se, Ag, Zn
13A1V	66.5-69.5	Hg, Se, Ag, Zn
13A1W	70.5-73.5	Hg, Se, Ag, Zn
13A1X	74.5-77.5	Hg, Se, Ag, Zn
13A1Y	78.5-81.5	Hg, Se, Ag, Zn
13A1Z	82.5-85.5	Hg, Se, Ag, Zn
13A2A	86.5-89.5	Hg, Se, Ag, Zn
13A2B	90.5-93.5	Hg, Se, Ag, Zn
13A2C	94.5-97.5	Hg, Se, Ag, Zn
13A2D	98.5-101.5	Hg, Se, Ag, Zn
13A2E	102.5-105.5	Hg, Se, Ag, Zn
13A2F	106.5-109.5	Hg, Se, Ag, Zn
13A2G	110.5-113.5	Hg, Se, Ag, Zn
13A2H	114.5-117.5	Hg, Se, Ag, Zn
13A2I	118.5-121.5	Hg, Se, Ag, Zn
13A2J	122.5-125.5	Hg, Se, Ag, Zn
13A2K	126.5-129.5	Hg, Se, Ag, Zn
13A2L	130.5-133.5	Hg, Se, Ag, Zn
13A2M	134.5-137.5	Hg, Se, Ag, Zn
13A2N	138.5-141.5	Hg, Se, Ag, Zn
13A2O	142.5-145.5	Hg, Se, Ag, Zn
13A2P	146.5-149.5	Hg, Se, Ag, Zn
13A2Q	150.5-153.5	Hg, Se, Ag, Zn
13A2R	154.5-157.5	Hg, Se, Ag, Zn
13A2S	158.5-161.5	Hg, Se, Ag, Zn
13A2T	162.5-165.5	Hg, Se, Ag, Zn
13A2U	166.5-169.5	Hg, Se, Ag, Zn
13A2V	170.5-173.5	Hg, Se, Ag, Zn
13A2W	174.5-177.5	Hg, Se, Ag, Zn
13A2X	178.5-181.5	Hg, Se, Ag, Zn
13A2Y	182.5-185.5	Hg, Se, Ag, Zn
13A2Z	186.5-189.5	Hg, Se, Ag, Zn

LEGEND

- BORING LOCATIONS
- ANALYTICAL RESULTS EXCEEDING THE NJDEP IGW SSL
- MERCURY (Hg) ≥ 0.1 PPM
- SELENIUM (Se) ≥ 7 PPM
- SILVER (Ag) ≥ 1 PPM
- ZINC (Zn) ≥ 600 PPM
- NO OTHER METALS EXCEEDANCE AT THIS LOCATION
- FORMER MGP BOUNDARY
- FORMER MORRIS CANAL
- EXCAVATION BOUNDARY

SAMPLE LOCATION
(DEPTH IN FEET)

ANALYTE NAME	RESULTS (ppm)
Hg	0.12
Se	7.5
Ag	1.2
Zn	650



- NOTES:**
- HORIZONTAL DATUM - NAD 1983
 - VERTICAL DATUM - NAVD 1988
 - DATA ARE COMPARED TO THE DEFAULT NJDEP IMPACT TO GROUNDWATER SOIL SCREENING LEVELS (IGW SSL) - DECEMBER 2006
 - DATA FOR LOCATIONS EAST AND SOUTH ARE PRESENTED ON SEPARATE MAPS
 - DATA FOR GROUP 1 AND GROUP 2 OTHER METALS ARE PRESENTED ON SEPARATE MAPS
 - RED FONT INDICATES AN EXCEEDANCE OF THE NJDEP IGW SSL
 - GREY FONT INDICATES SOIL WAS REMOVED IN 2010-2011 DURING INTERNAL REMEDIAL MEASURE #1
 - 'FD' INDICATES FIELD DUPLICATE
 - FORMER MORRIS CANAL LIMITS ARE BASED ON ORIGINAL SURVEYS AND MAPPING BY J.R. BIEN AND C.C. VERMILIE, 1991
 - BLANKS INDICATE DATA NOT ANALYZED

PPG INDUSTRIES
GARFIELD AVENUE PROJECT AREA, JERSEY CITY
REMEDIATION INVESTIGATION REPORT
HUDSON COUNTY, NEW JERSEY
60154801
DATE: NOVEMBER 2011 | DRAWN: J.E.B. | CHECKED BY: C.A.D.

FIGURE 5-21
SOIL COMPARISON TO NJDEP IGW SSL -
NORTHWEST GARFIELD AVENUE SITES
GROUP 3 OTHER METALS (ppm)

