

Locations/Depths With No Exceedances
EF-117
2.0 - 2.5
4.0 - 4.5
EF-35
2.5 - 3.0
13.0 - 13.5
16.0 - 16.5
20.0 - 20.5
EF-36
2.5 - 3.0
7.5 - 8.0
12.0 - 12.5
15.5 - 16.0
20.0 - 20.5
EF-37
2.5 - 3.0
7.5 - 8.0
11.0 - 11.5
EF-38
2.5 - 3.0
EF-38A
2.5 - 3.0
7.5 - 8.0
11.0 - 11.5
16.0 - 16.5
21.0 - 21.5
EF-41
2.5 - 3.0
7.0 - 7.5
12.5 - 13.0
17.5 - 18.0
EF-42
2.5 - 3.0
6.0 - 6.5
10.5 - 11.0
16.0 - 16.5
21.0 - 21.5
GB
0.4 - 0.9
1.5 - 2.0
4.0 - 4.5
6.0 - 6.5
8.0 - 8.5
10.0 - 10.5
GD
4.0 - 4.5
8.0 - 8.5
9.0 - 9.5
GE
4.1 - 4.6
8.1 - 8.6
12.1 - 12.6

Abbreviations:
 ARS - alternative remediation standard
 CCPW - Chromate Chemical Production Waste
 CrSCC - Chromium Soil Cleanup Criteria
 FD - field duplicate
 GA Group - Garfield Avenue Group
 MDL - method detection limit
 mg/kg - milligram per kilogram
 NJDEP - New Jersey Department of Environmental Protection
 RI - Remedial Investigation
 SSRI - Supplemental Soil Remedial Investigation
 SRS - Soil Remediation Standard

Data Qualifiers:
 J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.
 U - Indicates that the analyte was not detected in the sample above the sample reporting limit.
 UJ - Indicates that the analyte was not detected above the reporting limit and the reporting limit was approximate.

- Notes:**
- * V is compared to the site-specific ARS.
 - Boring locations within the numbered chrome site's boundary are shown for reference purposes only.
 - CCPW impacts located on Site 199 will not be addressed as part of the GA Group sites.
 - Data are compared to the most stringent of the NJDEP Residential and Non-Residential Direct Contact SRS, last updated September 2017, with the exception of V.
 - Depths are displayed in feet below ground surface (ft bgs).
 - Results are reported in mg/kg.
 - Red font indicates an exceedance of the NJDEP SRS or site-specific ARS.
 - There are no exceedances of nickel greater than (≥1,600 mg/kg) the NJDEP SRS or of chromium greater than (≥120,000 mg/kg) the NJDEP CrSCC. There is no NJDEP SRS for thallium.
 - There are some instances where sample results are less than the MDL, but the MDL is slightly greater than the NJDEP remediation standard. These are identified in a bold font in the data tables as less than the MDL value along with the non-detect qualifier (i.e., < 5 U).
 - The Jersey City parcels boundaries source is the "NJ Composite of Parcels Data with Joined MOD-IV Attributes 2017" dataset from New Jersey Geographic Information Network, available at: https://njin.state.nj.us/NJ_NGINExplorer/DataDownloads.jsp. The parcel boundaries provided by this source are not surveyed data.

A6

Depth	Sb	V
0.0 - 0.5	14.7 J	115 J
1.5 - 2.0	< 0.45 UJ	24.4 J
4.0 - 4.5	< 0.44 UJ	25.4 J
6.5 - 7.0	43.2 J	< 8.1 UJ
8.5 - 9.0	37.2 J	9 J
10.5 - 11.0	< 0.57 UJ	32.5 J

BC8

Depth	Sb	V
0.5 - 1.0	3.9 BJ	8.6 J
1.0 - 1.5	33.5 J	5.7 J
1.5 - 2.0	12.4 J	3.4 J
7.0 - 7.5	20.5 J	19 J
(FD) 7.0 - 7.5	18.5 J	25.4 J
9.0 - 9.5	< 0.51 U	39.1 J
(FD) 9.0 - 9.5	< 0.51 U	37.3 J

OSB-29

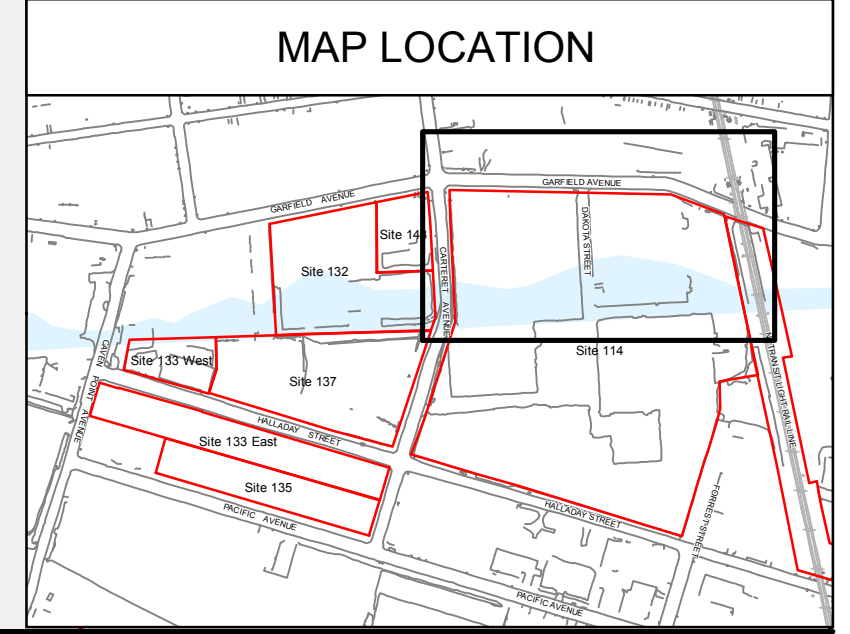
Depth	Sb	V
0.6 - 1.0	< 2.1 UJ	136 J
2.5 - 3.0	< 2.4 UJ	17.0 J
8.9 - 9.4	< 1.5 UJ	65.2 J
15.5 - 16.0	< 2.3 UJ	90.2 J
17.7 - 18.0	175 J	< 97 U
19.1 - 19.6	7.0 J	26.7 J
22.8 - 23.3	< 2.4 UJ	29.7 J
25.4 - 25.9	< 2.5 UJ	20.5 J

OSB-28

Depth	Sb	V
0.7 - 1.1	< 2.2 UJ	102 J
1.9 - 2.4	3.5 J	741 J
3.5 - 4.0	< 3.0 UJ	14.5 J
14.2 - 15.2	< 2.5 UJ	42.8 J
17.1 - 17.4	< 9.2 UJ	66.6 J

114-MW21B

Depth	Sb	V
0.6 - 1.0	6.6 J	165 J
2.7 - 3.1	< 2.6 UJ	309 J
5.0 - 6.0	7.8 J	236 J
7.0 - 7.5	< 19 UJ	458 J
(FD) 7.0 - 7.5	< 19 UJ	452 J
11.0 - 11.5	< 33 UJ	325 J
15.0 - 15.5	< 32 UJ	423 J
18.3 - 18.8	< 3.5 UJ	39.2 J
22.0 - 23.0	3.3 J	17.8 J



AECOM

LEGEND

- RI BORING OUTSIDE THE NUMBERED CHROME SITE BOUNDARY
- RI BORING INSIDE THE NUMBERED CHROME SITE BOUNDARY
- SSRI BORING
- ADDITIONAL NON-RI BORING
- NO CCPW METALS EXCEEDANCE AT THIS BORING LOCATION
- ANALYTICAL RESULTS EXCEEDING THE NJDEP SRS
- ANTIMONY (Sb) ≥ 31 mg/kg
- VANADIUM (V) ≥ 390 mg/kg
- APPROXIMATE SITE BOUNDARIES
- FORMER MORRIS CANAL
- NUMBERED CHROME SITE BOUNDARY
- JERSEY CITY PARCEL BOUNDARIES

0 40 80 120 Feet

DATE: 05/09/2018

PPG GARFIELD AVENUE GROUP JERSEY CITY, NEW JERSEY

SOIL COMPARISON TO NJDEP SRS* - NORTHWEST GARFIELD AVENUE SITES, CCPW METALS

FIGURE 5-9