

Abbreviations:
 Bz - benzene
 mg/kg - milligram per kilogram
 NJDEP - New Jersey Department of Environmental Protection
 RI - Remedial Investigation
 SSRI - Supplemental Soil Remedial Investigation
 SRS - Soil Remediation Standard
 VOC - volatile organic compound

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:
 1. Boring locations within the numbered chrome site's boundary are shown for reference purposes only.
 2. Data are compared to the most stringent of the NJDEP Residential and Non-Residential Direct Contact SRS, last updated September 2017.
 3. Depths are displayed in feet below ground surface (ft bgs).
 4. Results are reported in mg/kg.
 5. Benzene was the only VOC further delineated in the SSRI based upon the NJDEP SRS. Additional VOCs were delineated to the SRS in the 2012 RIR.
 6. Red font indicates an exceedance of the NJDEP SRS.
 7. 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://njgin.state.nj.us/NJ_NJGIneExplorer/DataDownloads.jsp. The parcel boundaries provided by this source are not surveyed data.

Locations/Depths With No Exceedances	Locations/Depths With No Exceedances PSEG-SB62
EF-03 7.5 - 8.0 12.0 - 12.5 16.0 - 16.5	1.5 - 2.0 7.0 - 7.5 19.0 - 19.5 30.0 - 30.5
EF-05 2.5 - 3.0 6.0 - 6.5 12.5 - 13.0 17.0 - 17.5 22.5 - 23.0	
EF-07 2.5 - 3.0 6.0 - 6.5 11.0 - 11.5 17.0 - 17.5 22.0 - 22.5	
EF-08 2.5 - 3.0 7.0 - 7.5 12.0 - 12.5 17.0 - 17.5 22.0 - 22.5	
EF-09 2.5 - 3.0 7.5 - 8.0 12.5 - 13.0 17.5 - 18.0 21.0 - 21.5	
EF-11 2.5 - 3.0 6.0 - 6.5 10.5 - 11.0 17.5 - 18.0 22.0 - 22.5	
EF-47 11.0 - 11.5	
EF-48 11.0 - 11.5	
EF-58 2.5 - 3.0	
H1B 0.2 - 0.7 5.0 - 5.5 10.0 - 10.5 15.0 - 15.5 20.0 - 20.5 25.0 - 25.5 30.0 - 30.5	
H2B 5.0 - 5.5 10.0 - 10.5 15.0 - 15.5 20.0 - 20.5 25.0 - 25.5	
OSB-22 4.0 - 4.5 14.0 - 14.5	
P4-HSN-EE7A 0.0 - 0.5 2.0 - 2.5 4.0 - 4.5 6.0 - 6.5 8.0 - 8.5 10.0 - 10.5 12.0 - 12.5 14.0 - 14.5 15.0 - 15.5 15.5 - 16.0	
PSEG-SB26 9.0 - 9.5 19.5 - 20.0 27.0 - 27.5 35.5 - 36.0 56.5 - 57.0	
PSEG-SB30 18.0 - 18.5 25.0 - 25.5 46.8 - 47.3 62.0 - 62.5	
PSEG-SB32 8.4 - 9.0 10.5 - 11.0 16.0 - 16.5 30.5 - 31.0 49.0 - 49.5	
PSEG-SB33 13.5 - 14.0 44.5 - 45.0	
PSEG-SB34 18.0 - 18.5 38.0 - 38.5	
PSEG-SB35 28.0 - 28.5 38.0 - 38.5 44.5 - 45.0	
PSEG-SB37 8.5 - 9.0 12.5 - 13.0 20.5 - 21.0 29.0 - 29.5	
PSEG-SB46 11.0 - 11.5 24.5 - 25.0 35.0 - 35.5	
PSEG-SB47 6.5 - 7.0 13.5 - 14.0 26.0 - 26.5 34.5 - 35.0 39.0 - 39.5	
PSEG-SB48 10.0 - 10.5 26.5 - 27.0 34.0 - 34.5 39.0 - 39.5	
PSEG-SB49 12.5 - 13.0 16.0 - 16.5 26.5 - 27.0 47.3 - 47.8	
PSEG-SB51 12.5 - 13.0 27.0 - 27.5 45.0 - 45.5	
PSEG-SB52 8.5 - 9.0 21.0 - 21.5 36.3 - 36.8 42.9 - 43.4 54.5 - 55.0	
PSEG-SB54 18.0 - 18.5 36.5 - 37.0 42.5 - 43.0 55.5 - 56.0	

PSEG-SB40

Depth	Bz
18.0 - 10.5	0.0028
38.5 - 31.0	0.11
42.5 - 43.0	2.0
47.0 - 47.5	0.007
55.0 - 55.5	< 0.0014 U

SB25

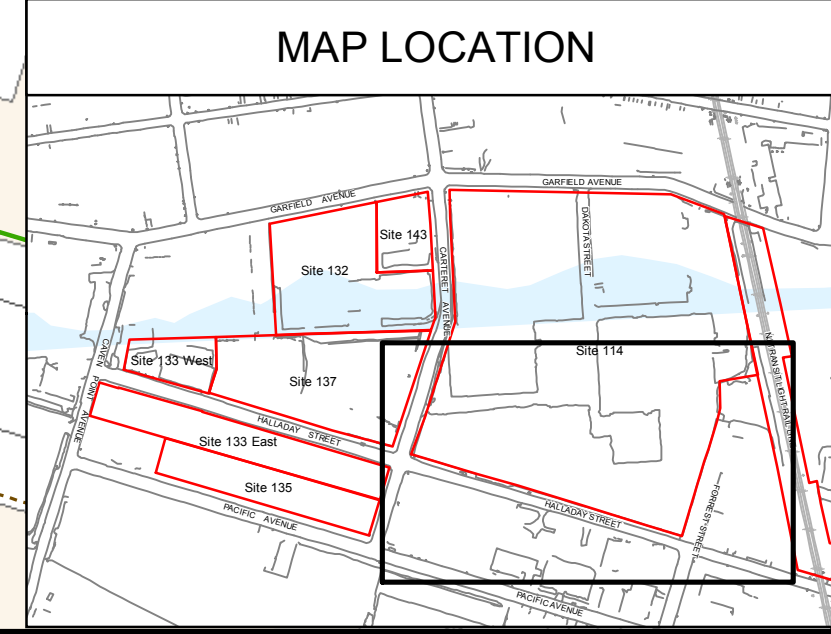
Depth	Bz
25.5 - 26.0	0.123 J
36.0 - 36.5	< 0.614 U
44.0 - 44.5	< 0.656 U
47.0 - 47.5	2.63
49.5 - 50.0	2.62

HSB

Depth	Bz
1.5 - 2.0	< 0.0023 U
5.0 - 5.5	< 0.0011 U
10.0 - 10.5	< 0.00092 U
15.0 - 15.5	< 0.0011 U
17.0 - 17.5	2.8 J
(FD) 25.0 - 25.5	0.078
30.0 - 30.5	0.0015 J
25.0 - 25.5	0.098
30.0 - 30.5	0.088

PSEG-SB31

Depth	Bz
6.5 - 7.0	< 0.23 U
16.5 - 17.0	< 0.16 U
24.5 - 25.0	0.46
27.0 - 27.5	0.31
42.0 - 42.5	4.0



AECOM

LEGEND

- RI BORING OUTSIDE THE NUMBERED CHROME SITE BOUNDARY
- RI BORING INSIDE THE NUMBERED CHROME SITE BOUNDARY
- SSRI BORING
- SSRI BORING INSIDE THE NUMBERED CHROME SITE BOUNDARY
- ADDITIONAL NON-RI BORING
- NO VOC EXCEEDANCE AT THIS BORING LOCATION
- SOIL ANALYTICAL RESULTS EXCEEDING THE NJDEP SRS (Bz ≥ 2 mg/kg)
- APPROXIMATE SITE BOUNDARIES
- FORMER MORRIS CANAL
- NUMBERED CHROME SITE BOUNDARY
- APPROXIMATE ADJACENT PROPERTY BOUNDARIES
- JERSEY CITY PARCEL BOUNDARIES

0 40 80 120 Feet

DATE: 05/24/2018

PPG GARFIELD AVENUE GROUP
JERSEY CITY, NEW JERSEY

SOIL COMPARISON TO NJDEP SRS - NORTHEAST GARFIELD AVENUE SITES, VOCs

FIGURE 5-19