Locations/Depths With No Exceedances

EF-105
7.5 - 8.1
10.5 - 11.0
12.5 - 13.0

EF-106
12.5 - 13.0
15.0 - 15.5
16.1 - 16.6

EF-108
1.0 - 1.5
21.0 - 21.5

EF-109
1.0 - 1.5
21.0 - 21.5

FSP-T14B-SW-N
6.0 - 6.5

FSP-U14B-SW-N4
6.0 - 6.5

NFS-PDI-CC12BR
0.5 - 1.0
2.5 - 3.0
4.5 - 5.0
5.0 - 5.5
6.5 - 7.0
8.5 - 9.0
10.5 - 11.0
12.5 - 13.0
14.5 - 15.0
16.5 - 17.0
18.5 - 19.0
20.0 - 20.5

NFS-PDI-CC14B
0.5 - 1.0
2.5 - 3.0
4.5 - 5.0
6.5 - 7.0
7.5 - 8.0
8.0 - 8.5
8.5 - 9.0
10.5 - 11.0

NFS-PDI-EE15B
0.0 - 0.5
2.0 - 2.5
4.0 - 4.5
6.0 - 6.5
8.0 - 8.5
10.0 - 10.5
11.5 - 12.0
12.0 - 12.5
14.0 - 14.5
16.0 - 16.5
18.0 - 18.5
20.0 - 20.5

OSB-22
4.0 - 4.5
14.0 - 14.5

P4-FOR-CC10B
1.0 - 1.5
3.0 - 3.5
5.0 - 5.5
7.0 - 7.5
9.0 - 9.5
11.0 - 11.5
11.5 - 12.0

P4-FOR-FF9B
1.0 - 1.5
3.0 - 3.5
5.0 - 5.5
7.0 - 7.5
9.0 - 9.5
11.0 - 11.5
11.5 - 12.0

PSEG-SB30
18.0 - 18.5
25.0 - 25.5
46.8 - 47.3
62.0 - 62.5

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-SB48
10.0 - 10.5
26.5 - 27.0
34.0 - 34.5
39.0 - 39.5

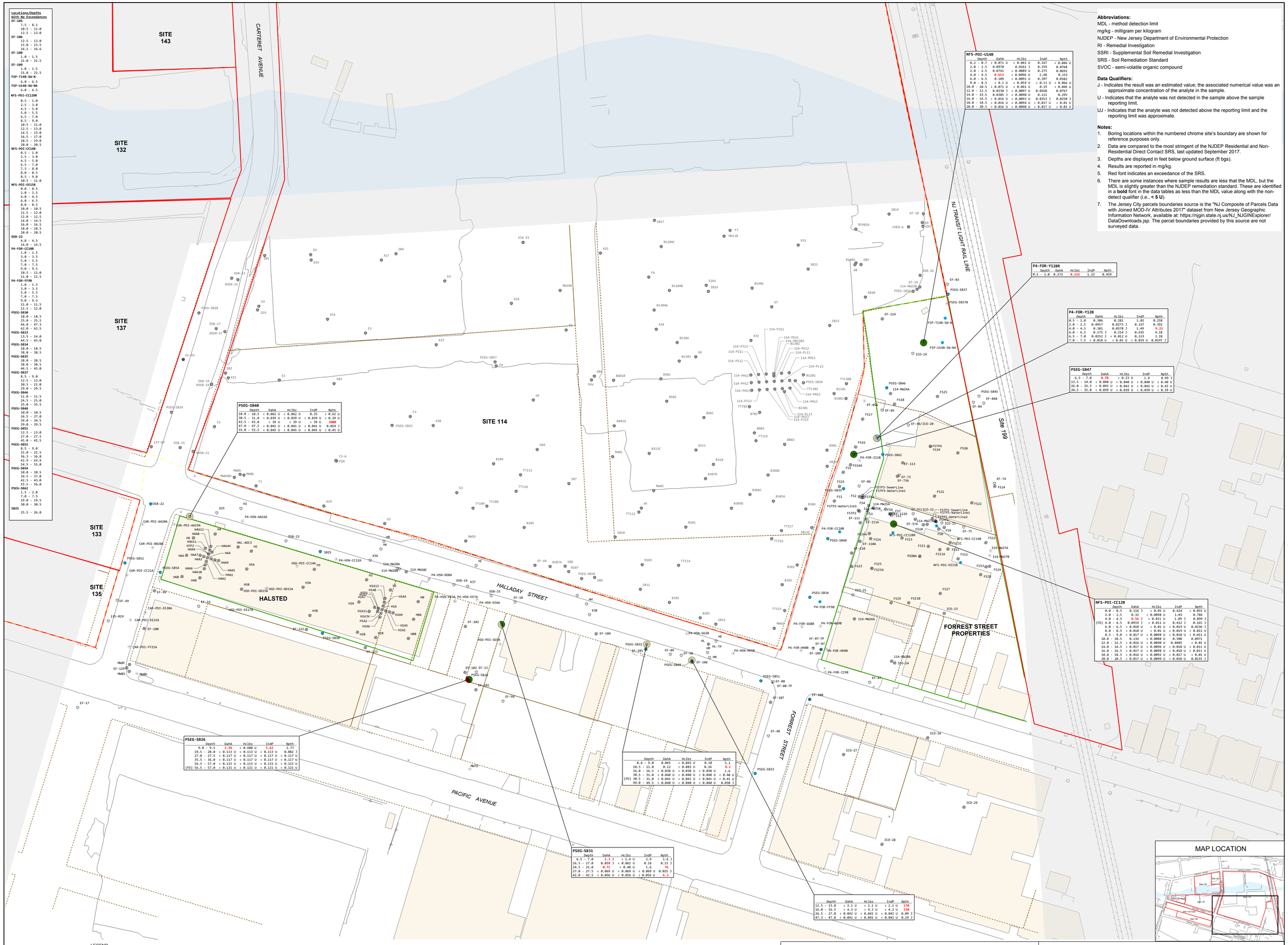
PSEG-SB51
12.5 - 13.0
27.0 - 27.5
45.0 - 45.5

PSEG-SB52
8.5 - 9.0
21.0 - 21.5
36.3 - 36.8
42.9 - 43.4
54.5 - 55.0

PSEG-SB54
10.0 - 10.5
36.5 - 37.0
42.5 - 43.0
55.5 - 56.0

PSEG-SB62
1.5 - 2.0
7.0 - 7.5
19.0 - 19.5
30.0 - 30.5

SB25
25.5 - 26.0



NFS-PDI-U14B

Depth	DahA	Hclbz	IndP	Npth
0.2 - 0.7	< 0.071 U	< 0.041 U	0.167	< 0.046 U
2.0 - 2.5	0.0970	0.0261 J	0.359	0.0768
2.0 - 2.5	0.0741	< 0.0089 U	0.275	0.0692
4.0 - 4.5	**0.653**	< 0.0096 U	2.48	0.152
6.0 - 6.5	0.109	< 0.0091 U	0.397	0.0382
8.0 - 8.5	< 0.1 U	< 0.059 U	< 0.11 U	< 0.066 U
10.0 - 10.5	< 0.071 U	< 0.041 U	0.19	< 0.046 U
12.0 - 12.5	0.0230 J	< 0.0097 U	0.0568	0.0767
14.0 - 14.5	0.0305 J	< 0.0090 U	0.111	0.295
16.0 - 16.5	< 0.016 U	< 0.0093 U	0.0353 J	0.0250 J
18.0 - 18.5	< 0.016 U	< 0.0094 U	< 0.017 U	< 0.01 U
20.0 - 20.5	< 0.016 U	< 0.0090 U	< 0.017 U	< 0.01 U

P4-FOR-Y12BR

Depth	DahA	Hclbz	IndP	Npth
0.5 - 1.0	0.372	**0.322**	1.23	0.459

P4-FOR-Y12B

Depth	DahA	Hclbz	IndP	Npth
0.5 - 1.0	0.306	0.281	1.02	0.258
2.0 - 2.5	0.0957	0.0275 J	0.337	0.392
4.0 - 4.5	0.381	0.0578 J	1.49	**9.23**
6.0 - 6.5	0.175 J	0.214 J	0.635	4.18
6.5 - 7.0	0.0352 J	< 0.012 U	0.133	2.18
7.0 - 7.5	< 0.018 U	< 0.01 U	< 0.019 U	0.0197 J

PSEG-SB47

Depth	DahA	Hclbz	IndP	Npth
6.5 - 7.0	**0.70**	< 0.23 U	1.9	0.99 J
13.5 - 14.0	< 0.040 U	< 0.040 U	< 0.040 U	< 0.40 U
26.0 - 26.5	< 0.042 U	< 0.042 U	< 0.042 U	< 0.42 U
34.5 - 35.0	< 0.039 U	< 0.039 U	< 0.039 U	< 0.39 U

PSEG-SB40

Depth	DahA	Hclbz	IndP	Npth
10.0 - 10.5	< 0.062 U	< 0.062 U	0.25	< 0.62 U
30.5 - 31.0	< 0.039 U	< 0.039 U	< 0.039 U	< 0.39 U
42.5 - 43.0	< 39 U	< 39 U	< 39 U	**3000**
47.0 - 47.5	< 0.041 U	< 0.041 U	< 0.041 U	0.054 J
55.0 - 55.5	< 0.045 U	< 0.045 U	< 0.045 U	< 0.45 U

NFS-PDI-CC12B

Depth	DahA	Hclbz	IndP	Npth
0.0 - 0.5	0.116 J	< 0.05 U	0.424	< 0.055 U
2.0 - 2.5	0.32	< 0.0098 U	1.03	0.784
4.0 - 4.5	**0.56** J	< 0.011 U	1.89 J	0.899 J
(FD) 4.0 - 4.5	0.0919 J	< 0.011 U	0.412 J	0.165 J
6.0 - 6.5	< 0.018 U	< 0.01 U	< 0.019 U	0.0236 J
8.0 - 8.5	< 0.018 U	< 0.01 U	< 0.019 U	< 0.011 U
8.5 - 9.0	< 0.017 U	< 0.0098 U	< 0.018 U	< 0.011 U
10.0 - 10.5	0.134	< 0.0088 U	0.508	0.0971
12.0 - 12.5	< 0.016 U	< 0.0090 U	0.0405	< 0.01 U
14.0 - 14.5	< 0.017 U	< 0.0096 U	< 0.018 U	< 0.011 U
16.0 - 16.5	< 0.017 U	< 0.0098 U	< 0.018 U	< 0.011 U
18.0 - 18.5	< 0.016 U	< 0.0092 U	< 0.017 U	< 0.01 U
20.0 - 20.5	< 0.017 U	< 0.0099 U	< 0.018 U	0.0235 J

PSEG-SB26

Depth	DahA	Hclbz	IndP	Npth
9.0 - 9.5	**2.28**	< 0.480 U	**5.62**	2.77
19.5 - 20.0	< 0.113 U	< 0.113 U	< 0.113 U	0.082 J
27.0 - 27.5	< 0.117 U	< 0.117 U	< 0.117 U	< 0.117 U
35.5 - 36.0	< 0.117 U	< 0.117 U	< 0.117 U	< 0.117 U
56.5 - 57.0	< 0.115 U	< 0.115 U	< 0.115 U	< 0.115 U
(FD) 56.5 - 57.0	< 0.121 U	< 0.121 U	< 0.121 U	< 0.121 U

Depth	DahA	Hclbz	IndP	Npth
8.4 - 9.0	0.065	< 0.042 U	0.18	5.1
10.5 - 11.0	0.12	< 0.083 U	0.34	**8.1**
16.0 - 16.5	< 0.038 U	< 0.038 U	< 0.038 U	1.6
30.5 - 31.0	< 0.040 U	< 0.040 U	< 0.040 U	< 0.40 U
(FD) 30.5 - 31.0	< 0.041 U	< 0.041 U	< 0.041 U	< 0.41 U
49.0 - 49.5	< 0.040 U	< 0.040 U	< 0.040 U	0.030 J

PSEG-SB31

Depth	DahA	Hclbz	IndP	Npth
6.5 - 7.0	**1.3** J	< 1.4 U	2.9	1.6 J
16.5 - 17.0	0.059 J	< 0.061 U	0.36	0.15 J
24.5 - 25.0	**0.71**	< 0.48 U	1.6	**76**
27.0 - 27.5	< 0.069 U	< 0.069 U	< 0.069 U	0.025 J
42.0 - 42.5	< 0.056 U	< 0.056 U	< 0.056 U	**6.3**

Depth	DahA	Hclbz	IndP	Npth
12.5 - 13.0	< 2.1 U	< 2.1 U	< 2.1 U	**170**
16.0 - 16.5	< 4.3 U	< 4.3 U	< 4.3 U	**330**
26.5 - 27.0	< 0.042 U	< 0.042 U	< 0.042 U	0.09 J
47.3 - 47.8	< 0.041 U	< 0.041 U	< 0.041 U	0.19 J

Abbreviations:

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
SVOC - semi-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. Red font indicates an exceedance of the SRS.
6. There are some instances where sample results are less that 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**).
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_NJGINExplorer/DataDownloads.jsp. The parcel boundaries provided by this source are not surveyed data.

MAP LOCATION

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 SVOC EXCEEDANCE AT THIS BORING LOCATION

ANALYTICAL RESULTS EXCEEDING THE NJDEP SRS

- DIBENZO(A,H)ANTHRACENE (DahA) ≥ 0.5 mg/kg
- HEXACHLOROBENZENE (Hclbz) ≥ 0.3 mg/kg
- INDENO(1,2,3-CD)PYRENE (IndP) ≥ 5 mg/kg
- NAPHTHALENE (Npth) ≥ 6 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

AECOM

PPG
GARFIELD AVENUE GROUP
JERSEY CITY, NEW JERSEY

DATE: 05/14/2018

SOIL COMPARISON TO NJDEP SRS - NORTHEAST GARFIELD AVENUE SITES, GROUP 2 SVOCs

FIGURE: 5-17