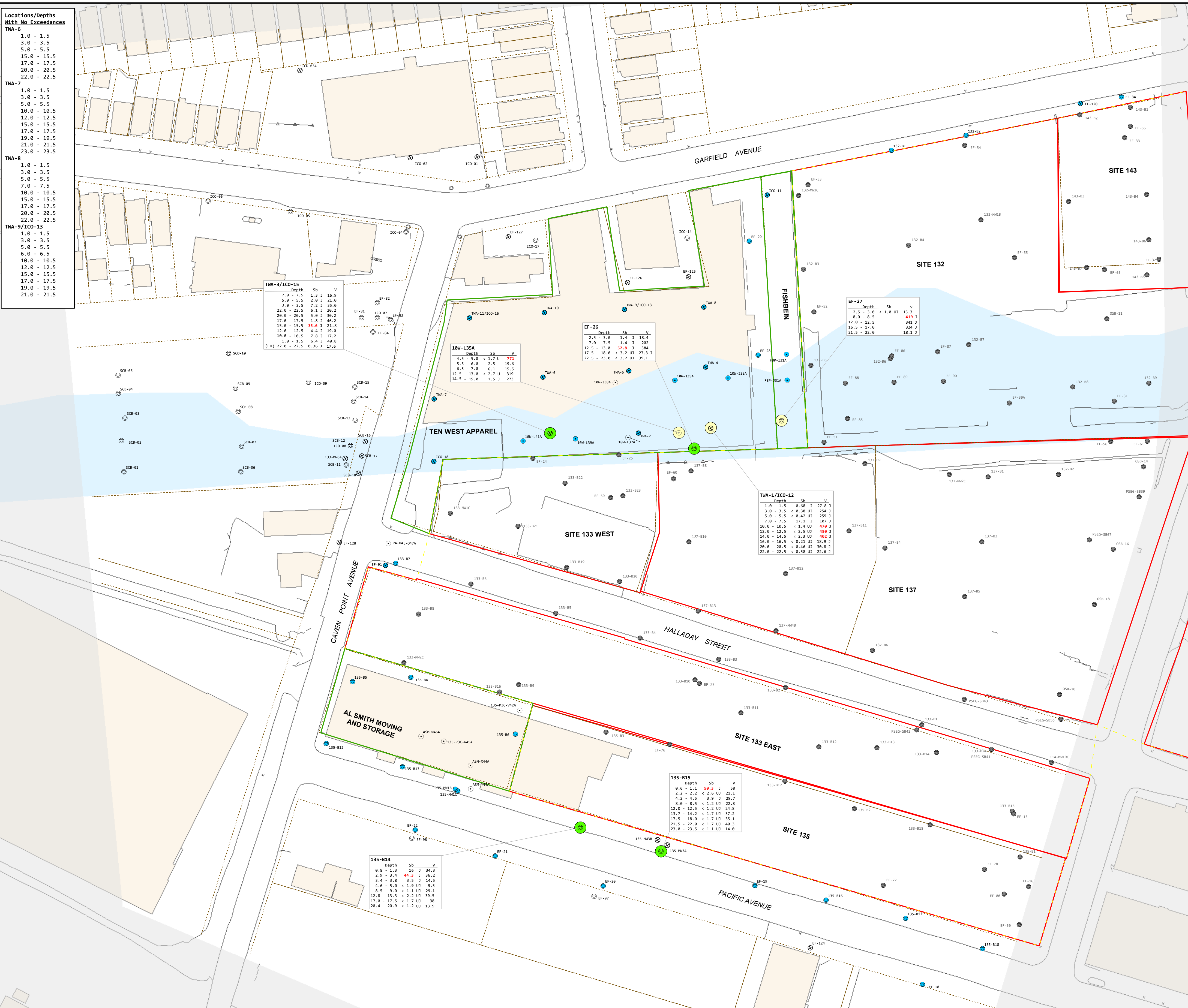


Locations/Depths With No Exceedances	Locations/Depths With No Exceedances	Locations/Depths With No Exceedances
10W-133A 3.0 - 3.5 5.0 - 5.5 7.0 - 7.5 9.0 - 9.5 11.0 - 11.5 15.0 - 15.5 18.5 - 19.0 19.0 - 19.5	135-MHC 9.6 - 1.1 1.8 - 2.3 4.5 - 5.0	TMA-6 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 15.0 - 15.5 17.0 - 17.5 20.0 - 20.5 22.0 - 22.5
10W-133B 3.0 - 3.5 5.0 - 5.5 7.0 - 7.5 9.0 - 9.5 11.0 - 11.5 18.5 - 19.0 19.0 - 19.5	EF-120 9.5 - 1.0 6.0 - 6.5 11.5 - 12.0 17.5 - 18.0 22.5 - 23.0	TMA-7 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 10.0 - 10.5 12.0 - 12.5 15.0 - 15.5 17.0 - 17.5 19.0 - 19.5 21.0 - 21.5 23.0 - 23.5
10W-133C 4.5 - 5.0 6.0 - 6.5 6.5 - 7.0 12.5 - 13.0 18.5 - 19.0 20.5 - 21.0 22.0 - 22.5 22.5 - 23.0	EF-19 2.5 - 3.0 7.0 - 7.5 12.0 - 12.5 17.0 - 17.5 22.0 - 22.5	TMA-8 1.0 - 1.5 7.0 - 7.5 12.0 - 12.5 17.0 - 17.5 20.0 - 20.5 22.0 - 22.5
10W-141A 5.0 - 5.5 6.5 - 7.0 7.0 - 7.5 11.0 - 11.5 15.0 - 15.5 19.0 - 19.5 21.0 - 21.5 21.5 - 22.0	EF-21 2.5 - 3.0 7.5 - 8.0 12.5 - 13.0 17.5 - 18.0 22.5 - 23.0	TMA-9/ICO-13 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 6.0 - 6.5 10.0 - 10.5 12.0 - 12.5 15.0 - 15.5 17.0 - 17.5 19.0 - 19.5 21.0 - 21.5
132-B1 0.0 - 0.7 1.0 - 1.9 4.4 - 4.8 8.5 - 9.1 9.9 - 10.4 12.0 - 12.5	EF-28 2.5 - 3.0 7.5 - 8.0 12.5 - 13.0 15.0 - 15.5 21.0 - 21.5	ICO-10 7.0 - 7.5 1.3 16.9 5.0 - 5.5 2.0 21.0 3.0 - 3.5 7.2 35.0 22.0 - 22.5 6.1 30.2 20.0 - 20.5 5.0 30.2 17.0 - 17.5 1.8 46.2 15.0 - 15.5 9.6 21.8 12.0 - 12.5 4.4 39.0 10.0 - 10.5 7.0 37.2 1.0 - 1.5 6.4 48.8 (EO) 22.0 - 22.5 0.36 37.6
132-B2 0.0 - 0.8 4.4 - 4.9 5.0 - 5.5 6.0 - 6.5 9.8 - 10.2 13.0 - 13.4	EF-34 2.5 - 3.0 7.5 - 8.0 12.0 - 12.5 16.5 - 17.0 22.3 - 22.8	10W-L35A 4.5 - 5.0 < 1.7 UJ 775 5.5 - 6.0 < 2.5 UJ 19.6 6.5 - 7.0 < 6.1 UJ 15.5 12.5 - 13.0 < 2.7 UJ 389 14.5 - 15.0 < 1.5 UJ 273
133-B7 0.8 - 1.3 2.3 - 2.4 4.5 - 5.0 8.5 - 9.5 12.5 - 13.0 16.5 - 17.0 20.5 - 21.0 22.3 - 22.8	EF-31 2.0 - 2.5 4.0 - 4.5 9.0 - 9.5 11.0 - 11.5 13.0 - 13.5 15.0 - 15.5 17.0 - 17.5	TMA-5 7.5 - 3.0 1.4 3 28.4 7.0 - 7.5 1.4 3 202 12.5 - 13.0 82.0 3 384 17.5 - 18.0 < 3.2 UJ 27.3 22.5 - 23.0 < 3.2 UJ 39.1
135-B12 0.7 - 1.2 1.5 - 2.0 2.9 - 3.4 3.7 - 4.2 4.5 - 5.0 8.5 - 9.0 12.0 - 13.0 16.0 - 16.5 18.7 - 19.2 15.0 - 15.5 16.0 - 17.0 1.0 - 1.5 3.7 - 4.1 4.8 - 5.3 8.5 - 9.5 13.5 - 14.0 17.6 - 18.1 21.5 - 22.5 24.0 - 24.5	FBP-131A 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 7.0 - 7.5 9.0 - 9.5 11.0 - 11.5 13.0 - 13.5 15.0 - 15.5 17.0 - 17.5	TMA-11/ICO-12 1.0 - 1.5 0.68 3 27.8 3.0 - 3.5 0.38 3 104.3 5.0 - 5.5 < 0.42 UJ 259.3 7.0 - 7.5 17.1 3 507 10.0 - 10.5 < 1.4 UJ 476 12.0 - 12.5 < 2.5 UJ 488 14.0 - 14.5 < 2.3 UJ 482 16.0 - 16.5 < 0.21 UJ 18.9 18.0 - 18.5 < 0.46 UJ 39.9 22.0 - 22.5 < 0.38 UJ 22.6
135-B16 0.7 - 1.2 2.0 - 2.4 4.2 - 4.6 8.0 - 8.5 12.2 - 13.2 16.2 - 16.7 20.0 - 20.5 20.9 - 21.4	ICO-11 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 7.0 - 7.5 10.0 - 10.5	135-B15 0.7 - 1.1 1.1 - 1.8 1.8 - 2.7 4.7 - 5.8 8.7 - 9.2 9.2 - 9.9 12.7 - 14.1 14.1 - 14.7 16.7 - 18.1 18.0 - 18.5 22.3 - 22.8
135-B17 0.9 - 1.4 2.4 - 2.9 4.0 - 4.5 8.0 - 8.5 12.0 - 13.0 14.9 - 15.4 18.8 - 19.3	TMA-1 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 7.0 - 7.5 10.0 - 10.5 12.0 - 13.0 13.2 - 13.7 16.2 - 16.7 17.0 - 17.5 19.0 - 19.5 21.0 - 21.5 23.0 - 23.5	135-B4 0.7 - 1.6 2.1 - 2.6 4.0 - 4.5 8.5 - 9.0 12.5 - 13.0 13.9 - 14.4 18.0 - 18.5 22.3 - 22.8
135-B18 0.6 - 1.1 2.8 - 3.3 4.1 - 4.6 8.0 - 8.5 12.0 - 13.0 13.2 - 13.7 16.2 - 16.7 17.5 - 18.0	TMA-11/ICO-16 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 7.0 - 7.5 11.0 - 11.5 13.0 - 13.5 15.0 - 15.5 17.0 - 17.5 19.0 - 19.5 21.0 - 21.5 23.0 - 23.5	135-B5 0.7 - 1.1 1.1 - 1.8 1.8 - 2.7 4.7 - 5.8 8.7 - 9.2 9.2 - 9.9 12.7 - 14.1 14.1 - 14.7 16.7 - 18.1 18.0 - 18.5 22.3 - 22.8
135-B4 0.7 - 1.6 2.1 - 2.6 4.0 - 4.5 8.5 - 9.0 12.5 - 13.0 13.9 - 14.4 18.0 - 18.5 22.3 - 22.8	TMA-2 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 6.0 - 6.5 10.0 - 10.5 12.0 - 13.0 13.2 - 13.7 16.2 - 16.7 17.0 - 17.5 19.0 - 19.5 21.0 - 21.5 23.0 - 23.5	135-B6 0.8 - 2.0 2.0 - 3.4 6.7 - 7.5 10.0 - 11.1 12.0 - 12.8 12.8 - 13.4
135-MHC 5.2 - 5.7 9.0 - 9.4 13.0 - 13.5 14.0 - 15.0 16.0 - 17.0 17.3 - 18.3 18.3 - 18.8	TMA-4 1.0 - 1.5 3.0 - 3.5 5.0 - 5.5 6.0 - 6.5 10.0 - 10.5 12.0 - 12.8 12.8 - 13.4	135-B8 0.8 - 1.3 16 3 34.3 2.0 - 3.4 44.0 3 146.2 3.4 - 3.8 1.5 3 145.5 4.6 - 5.0 < 1.9 UJ 9.5 8.5 - 9.0 < 1.1 UJ 29.1 10.0 - 10.5 < 2.2 UJ 39.5 17.0 - 17.5 < 1.7 UJ 88 20.4 - 20.9 < 1.2 UJ 13.9



Abbreviations:
ARS - alternative remediation standard
CCPW - Chromate Chemical Production Waste
CrSCC - Chromium Soil Cleanup Criteria
FD - field duplicate
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:
B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument Detection Limit.
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.
1. Boring locations within the numbered chrome site 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, with the exception of V.
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 NJDEP SRS or site-specific ARS.
6. 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.
7. Blanks indicate sample was not analyzed for given analyte.
8. 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.

AECOM

LEGEND

● RI BORING OUTSIDE THE NUMBERED CHROME SITE BOUNDARY	● ANalytical RESULTS EXCEEDING THE NJDEP SRS	□ APPROXIMATE SITE BOUNDARIES
○ RI BORING INSIDE THE NUMBERED CHROME SITE BOUNDARY	● ANTIMONY (Sb) ≥ 31 mg/kg	□ FORMER MORRIS CANAL
○ SSRI BORING	■ VANADIUM (V) ≥ 390 mg/kg	□ NUMBERED CHROME SITE BOUNDARY
○ ADDITIONAL NON-RI BORING		□ APPROXIMATE ADJACENT PROPERTY BOUNDARIES
		□ JERSEY CITY PARCEL BOUNDARIES

0 60 120 180 Feet

PPG GARFIELD AVENUE GROUP JERSEY CITY, NEW JERSEY

DATE: 05/24/2018

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

MAP LOCATION

FIGURE 5-11