



- LEGEND**
- RESULTS ARE LESS THAN THE MOST STRINGENT STANDARD
 - RESULT EXCEEDS THE MOST STRINGENT STANDARD, BUT IS IN COMPLIANCE WITH REMEDIATION OBJECTIVES, AND IS BEING DOCUMENTED IN A NOTICE IN LIEU OF DEED NOTICE (ANALYTE INDICATED BY COLOR)
 - VANADIUM (V)
 - - - CURRENT-USE REMEDIATION AREA BOUNDARIES
 - - - PROPERTY LINE
 - CONCEPTUAL POST-EXCAVATION ELEVATION CONTOUR (1-FOOT INTERVAL IN FT NAVD88)
 - PRE-REMEDIATION SURFACE ELEVATION CONTOUR (1-FOOT INTERVAL IN FT NAVD88)
 - ~ SHEET PILE (AS OF MARCH 2019)
 - CONCRETE WALL
 - DOOR
 - RAILROAD
 - BUILDING FOOTPRINT

FS16 4/2/2014

Elevation	Depth	bgs	V
5.1 to 4.6	5.0 - 5.5	598	

ABBREVIATIONS:
 bgs – below ground surface
 CCPW – Chromate Chemical Production Waste
 Cr – chromium
 Cr⁶⁺ – hexavalent chromium
 CrSCC – Chromium Soil Cleanup Criterion
 FD – field duplicate
 ft – feet
 mg/kg – milligrams per kilogram
 N/A – not applicable
 NAVD88 – North American Vertical Datum of 1988
 NRDCSRS – New Jersey Department of Environmental Protection Non-Residential Direct Contact Soil Remediation Standard
 RDCSRS – New Jersey Department of Environmental Protection Residential Direct Contact Soil Remediation Standard
 RDCSRS-GAG – Residential Direct Contact Soil Remediation Standard - Garfield Avenue Group (alternative remediation standard approved by the New Jersey Department of Environmental Protection on December 28, 2016)
 SCC – Soil Cleanup Criteria
 SRS – Soil Remediation Standard
 V – vanadium

QUALIFIERS:
 J – The result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.
 RA – The result was rejected due to deficiencies but it consider usable for decision making purposes.

GENERAL NOTES:

- G1. The CCPW metals data associated with the sample locations shown on this figure are provided in Table 2-4. Data presented in call out boxes on this figure are outliers (i.e., data points that require further explanation). Specific notes on how the NJDEP's remedial standards are being met and/or how remedial completion is being achieved/completed for each outlier sample are provided in the Specific Notes in Table 2-4.
- G2. "Elevation" refers to the sample elevation based on the pre-remediation surface elevation for samples collected from the pit bottom, and the surface elevation of the sample location when the sample was collected via boring or test pit.
- G3. Elevation vertical datum is NAVD88, in U.S. survey ft.
- G4. Results are reported in mg/kg.
- G5. Source of block/lot information is Jersey City Parcel Data from New Jersey Geographic Information Network (NJGIN), last updated 10/6/2015 (available at: <http://data.jerseycitynj.gov/dataset/jersey-city-parcel-polygon>).
- G6. There is currently no NJDEP SRS and no NJDEP SCC for total Cr. Therefore, total Cr results are compared to the interim NJDEP Residential SCC for Cr³⁺ of 120,000 mg/kg as the cleanup criteria for soil at the Garfield Avenue Group Sites. There is no non-residential SCC for Cr³⁺.

SPECIFIC NOTES:

- S1. Property lines and pre-construction topographical contours are sourced from the "Boundary and Topographic Survey, PPG Industries Site 114, Lots 11, 12, 14 and 15, Block 21501, City of Jersey City, Hudson County, New Jersey" prepared by Borbas Surveying and Mapping, LLC, dated January 8, 2019.
- S2. Conceptual post-excitation elevation contours were generated using professional judgement based on post-excitation survey points and knowledge of excavation practices utilized during the remedial excavation (i.e., excavation conducted on a 30-foot by 30-foot basis). Post excavation survey points were sourced from the "Post Excavation Elevation Plan for ENTACT, LLC; PPG Site 133 & 135 Skyways," prepared by Maser Consulting P.A., dated June 30, 2017.

Analyte	RDCSRS	RDCSRS-GAG	NRDCSRS
ANTIMONY	31	N/A	450
CHROMIUM	120000	N/A	N/A
NICKEL	1600	N/A	23000
THALLIUM	N/A	N/A	N/A
VANADIUM	N/A	390	1100

