

LEGEND

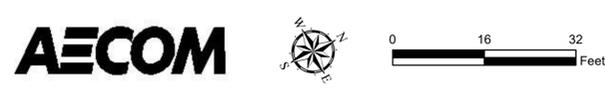
- RESULTS ARE LESS THAN THE DIGWSSL OR IGWSRS-GAG
- RESULTS EXCEED THE MOST STRINGENT STANDARD, BUT ARE BEING ADDRESSED VIA ENGINEERING CONTROLS AND INSTITUTIONAL CONTROLS (ANALYTE INDICATED BY COLOR)
- RESULTS EXCEED THE MOST STRINGENT STANDARD, BUT ARE IN COMPLIANCE WITH REMEDIATION OBJECTIVES
- RESULTS EXCEED THE MOST STRINGENT STANDARD, BUT DO NOT FALL UNDER THE PURVIEW OF THE ACO/JCO (ANALYTE INDICATED BY COLOR)
- NICKEL (Ni)
- 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

ABBREVIATIONS:
 bgs – below ground surface
 CCPW – Chromate Chemical Production Waste
 Chromium Policy – Memorandum from NJDEP Commissioner Lisa P. Jackson to Irene Kropp, Subject: *Chromium Moratorium (Chromium Policy)*, dated February 8, 2007.
 DIGWSSL – Default Impact to Groundwater Soil Screening Level
 El. – elevation
 Forrest TEE Submittal – March 2017 *Forrest Street and Forrest Street Properties – Proposed Terminal Excavation Elevations Submittal (Revision 1)* (AECOM), as accepted by NJDEP on May 25, 2017.
 ft – feet
 IGW – Impact to Groundwater
 IGWSRS-GAG – Impact to Groundwater Soil Remediation Standard – Garfield Avenue Group (alternative remediation standard as proposed in the *Supplemental Soil Remediation Investigation Report, Final (Revision 1)*, dated August 30, 2018 and approved by NJDEP on October 22, 2018)
 mg/kg – milligrams per kilogram
 NAVD88 – North American Vertical Datum of 1988
 Ni – nickel
 NJDEP – New Jersey Department of Environmental Protection

GENERAL NOTES:
 G1. The CCPW metals data associated with the sample locations shown on this figure are provided in Table 2-5. 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 2-5.
 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>).

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-excavation elevation contours were generated using professional judgement based on post-excavation 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.
 S3. This figure shows sample results from the unsaturated zone in comparison to the DIGWSSL. The groundwater elevation (above which is the unsaturated zone) on this Site was estimated as the 50th percentile groundwater elevation (see Appendix D). The estimated groundwater elevation for Forrest Street Properties is El. 6.1 ft NAVD88 and for Forrest Street is El. 6.3 ft NAVD88.

Analyte	DIGWSSL	IGWSRS-GAG
ANTIMONY	N/A	62.7
CHROMIUM	N/A	N/A
NICKEL	N/A	170
THALLIUM	3	N/A
VANADIUM	N/A	N/A



PPG
 FORREST CURRENT-USE REMEDIATION AREAS
 GARFIELD AVENUE GROUP
 JERSEY CITY, NEW JERSEY

Date: 3/19/2019 Drawn by: ALC

REMEDIAL ACTION WORK PLAN
SAMPLE MAP FOR CCPW METALS IN SOIL
COMPARED TO DIGWSSL AND IGWSRS-GAG

FIGURE 4-5