

LEGEND

- RESULTS ARE LESS THAN THE DIGWSSL
- RESULTS EXCEEDS THE DIGWSSL, BUT DO NOT FALL UNDER THE PURVIEW OF THE ACO/JCO
- 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

PSEG-SB62 8/17/2007

Elevation	Depth bgs	Bz
8.5 to 8.0	1.5 - 2.0	0.27

NFS-PDI-EE15B 9/13/2016

Elevation	Depth bgs	Bz
7.0 to 6.5	4.0 - 4.5	0.0131 J

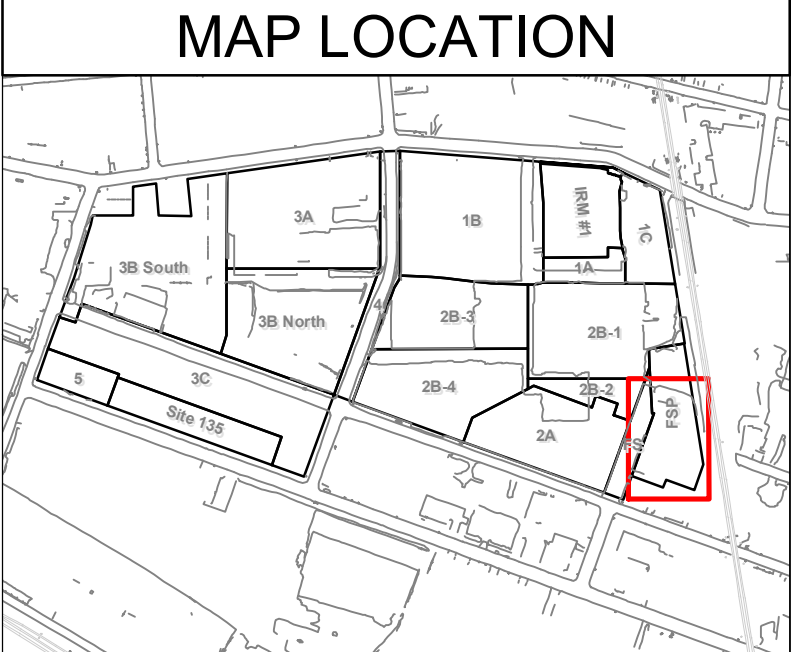
ABBREVIATIONS:
 ACO/JCO – Administrative Consent Order/Judicial Consent Order
 bgs – below ground surface
 Bz – benzene
 DIGWSSL – Default Impact to Groundwater Soil Screening Level
 El. – elevation
 mg/kg – milligrams per kilogram
 ft – feet
 NAVD88 – North American Vertical Datum of 1988
 NJDEP – New Jersey Department of Environmental Protection

QUALIFIERS:
 J – The result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

GENERAL NOTES:
 G1. The benzene data associated with the sample locations shown on this figure are provided in Table 2-9. 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 2-9.
 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-excauation elevation contours were generated using professional judgement based on post-excauation 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 Excauation 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.

Soil Screening Level (mg/kg)	
Analyte	DIGWSSL
BENZENE	0.005



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

**REMEDIAL ACTION WORK PLAN
 SAMPLE MAP FOR BENZENE IN SOIL
 COMPARED TO DIGWSSL**

Date: 3/11/2019

Drawn by: ALC

FIGURE 4-9