



ABBREVIATIONS:

- bgs below ground surface
- BaA benzo(a)anthracene BaP – benzo(a)pyrene
- BbFL benzo(b)fluoranthene
- DIGWSSL Default Impact to Groundwater Soil Screening Level
- El. elevation

ft – feet

mg/kg – milligrams per kilogram

NAVD88 – North American Vertical Datum of 1988 NJDEP – New Jersey Department of Environmental Protection

SVOC - semi-volatile organic compound

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 SVOC data associated with the sample locations shown on this figure are provided in Table 2-7. 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 2-7.
- 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.

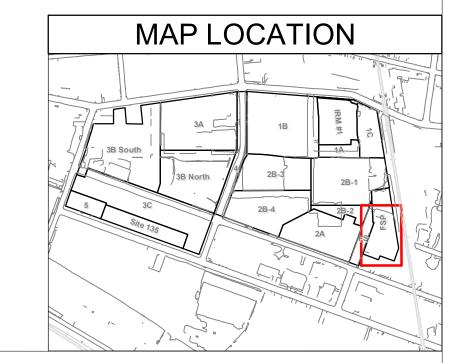
G4. Results are reported in mg/kg.

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.

Soil Screening Levels (mg/kg)				
Analyte	DIGWSSL			
BENZO(A)ANTHRACENE	0.8			
BENZO(A)PYRENE	0.2			
BENZO(B)FLUORANTHENE	2			
BENZO(K)FLUORANTHENE	25			
DIBENZO(A,H)ANTHRACENE	0.8			
INDENO(1,2,3-CD)PYRENE	7			
NAPHTHALENE	25			



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

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

Date: 3/19/2019

Drawn by: ALC

FIGURE 4-7