

ABBREVIATIONS:

CCPW - Chromate Chemical Production Waste

Cr - chromium

Cr⁺⁶ - hexavalent chromium

ft - feet

mg/kg - milligrams per kilogram

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

GENERAL NOTES:

- G1. The benzene and ethylbenzene data associated with the sample locations shown on this figure is provided in Table 5-3. None of the detected results exceeded the standards.
- G2. Elevation vertical datum is NAVD88, in U.S. survey ft.
- G3. 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).
- G4. Additional sample locations are shown on Figures 5-3A and 5-3B.
- G5. This figure presents data for locations within the Site boundary that have samples remaining in place. In addition, removed samples may be shown to demonstrate compliance with the remediation objectives. The Specific Notes on Table 5-3 include discussion of these situations, if necessary.

SPECIFIC NOTES:

- S1. Property lines and pre-construction topographical contours are sourced from the "Boundary & Topographical Survey, PPG Site, Lot 5, Block 21510, Jersey City, Hudson County, New Jersey" prepared by Borbas Surveying and Mapping, LLC, dated May 30, 2014.
- S2. Post-excavation elevation survey points were taken from the "Post Excavation Elevation Plan for ENTACT, LLC; PPG SITE 133/135 HSS 133E 135 ASM EXCAVATION," produced by Maser Consulting P.A., dated 05/09/18.
- S3. Conceptual post-excavation elevation contours were generated using professional judgement based on post-excavation elevation survey points and knowledge of excavation practices utilized during remedial excavation (i.e., excavation conducted on a 30 ft by 30 ft basis).
- S4. The extent of excavation shown here represents the as-built terminal excavation elevation for remediation of Cr⁺⁶, CCPW, non-Cr constituents, and concrete foundation removal.
- S5. In Grids W26A, Y23A, and Y24A, two sample locations are located adjacent; therefore, the sampling location symbols overlap on the figure.

<u>LEGEND</u>

SAMPLING LOCATION (REMAINING SAMPLES) SAMPLING LOCATION

(REMOVED SAMPLES)

REMAINING SAMPLES

RESULT IS BELOW THE MOST STRINGENT STANDARD

NOT ANALYZED FOR

BENZENE AND

■-3.8 SURVEY POINT REPRESENTING AS-BUILT TERMINAL EXCAVATION ELEVATION (FT NAVD88) INTERVAL IN FT NAVD88)

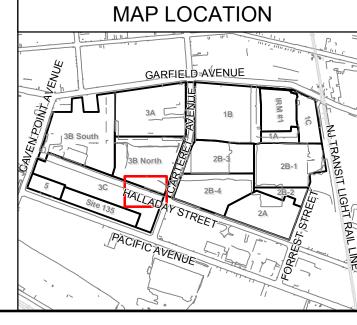
CONCEPTUAL POST-EXCAVATION **ELEVATION CONTOUR (1-FOOT** IN PLACE SHEET PILE (AS OF OCTOBER 2017)

POST-EXCAVATION ELEVATION

PRE-REMEDIATION ELEVATION - CONTOUR (1-FOOT INTERVAL IN FT NAVD88) ---- PROPERTY LINE

REMOVED SHEET PILE

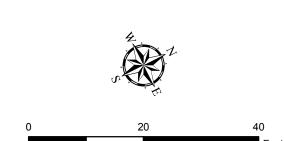
Soil Remediation Standards (mg/kg) RDCSRS NRDCSRS ETHYLBENZENE 7800



GRID LAYOUT

SOUTH BOUNDARY

HALLADAY STREET



DATE: 05/30/2018

PPG HALLADAY STREET SOUTH GARFIELD AVENUE GROUP JERSEY CITY, NEW JERSEY

HALLADAY STREET SOUTH (COLUMN 20A TO 28A) SAMPLE MAP FOR BENZENE AND ETHYLBENZENE COMPARED TO SOIL REMEDIATION STANDARDS

FIGURE 5-3C

AECOM