

REFER TO FIGURE 5-2A

MATCHLINE

	PROPERTY LINE		CATCH BASIN INLET
	FENCE		FIRE HYDRANT
	EDGE OF CONCRETE		WATER VALVE
	EXISTING SHEET PILE		PRE-EXCAVATION GROUND SURFACE ELEVATION CONTOURS 1' INTERVAL 5' INDEX LIMIT OF EXCAVATION
	CURB		POST-EXCAVATION ELEVATION CONTOURS 1' INTERVAL 5' INDEX
	EXISTING BUILDING		STONE
	GAS UTILITY LINE		SUPPORT-OF-EXCAVATION OFFSET FOR PACIFIC AVENUE BUILDINGS
	WATER UTILITY LINE		RESTRICTED-USE AREA (REFER TO FIGURE 5-1B)
	UNDERGROUND ELECTRIC UTILITY LINE		ENGINEERING CONTROL (HDPE LINER) AREA (SEE SPECIFIC NOTE 6)
	SEWER UTILITY LINE		SITE BOUNDARY
	COMMUNICATION UTILITY LINE		
	86" STEEL COMBINED SEWER (APPROXIMATE)		
	COMBINED SEWER MANHOLE		

	CENTERLINE	ABBREVIATIONS:	
	STATION NUMBER (IN FEET)	CCPW	CHROMATE CHEMICAL PRODUCTION WASTE
	SAMPLING LOCATION, REMAINING SAMPLES NOT ANALYZED FOR CCPW METALS (AS-BUILT TERMINAL EXCAVATION ELEVATION)	CCPR	CHROMITE ORE PROCESSING RESIDUE
	SAMPLING LOCATION, REMAINING SAMPLES (AS-BUILT TERMINAL EXCAVATION ELEVATION)	ft	FEET
	SAMPLING LOCATION, REMOVED CONFIRMATION SAMPLES (AS-BUILT TERMINAL EXCAVATION ELEVATION)	HDPE	HIGH-DENSITY POLYETHYLENE
		mg/kg	MILLIGRAMS PER KILOGRAM
		NAVD88	NORTH AMERICAN VERTICAL DATUM OF 1988
		NJDEP	NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
		SRS	SOIL REMEDIATION STANDARD
		U.S.	UNITED STATES

GENERAL NOTES:

G1. THE CCPW METALS DATA ASSOCIATED WITH THE SAMPLE LOCATIONS SHOWN ON THIS FIGURE ARE PROVIDED IN TABLE 5-2.

G2. "DEPTH" REFERS TO THE DIFFERENCE BETWEEN THE SAMPLE ELEVATION AND THE PRE-REMEDIATION SURFACE ELEVATION FOR SAMPLES COLLECTED FROM THE EXCAVATION PIT BOTTOM, OR THE SAMPLE DEPTH FROM THE SURFACE AT 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. THIS FIGURE PRESENTS DATA FOR LOCATIONS WITHIN THE SITE BOUNDARY THAT HAVE SAMPLES REMAINING IN PLACE OR THAT HAVE REMOVED SAMPLES THAT SERVE AS CONFIRMATION SAMPLES. SELECT OFF-SITE LOCATIONS ARE PRESENTED IN THIS FIGURE TO DOCUMENT COMPLIANCE WITH THE REMEDIATION OBJECTIVES OR TO DOCUMENT DELINEATION. SPECIFIC NOTES ON TABLE 5-2 INCLUDE DISCUSSION OF THESE SITUATIONS, IF NECESSARY.

G6. "STATION" REFERS TO A SAMPLE'S LOCATION ALONG THE EXCAVATION'S CENTERLINE, WHICH RUNS THE LENGTH OF CARTERET AVENUE STARTING FROM THE WESTERMOST EDGE OF CARTERET AVENUE.

SPECIFIC NOTES:

S1. PRE-CONSTRUCTION TOPOGRAPHIC CONTOURS, PROPERTY LINES, BUILDING EXTENTS, AND SITE FEATURES ARE SOURCED FROM SURVEYS CONDUCTED BETWEEN NOVEMBER 2006 AND JULY 2014 BY BORBAS SURVEYING AND MAPPING, LLC.

S2. UNDERGROUND UTILITIES SHOWN ARE BASED ON THE CATCH BASIN-RECEPTOR EVALUATION SURVEY, PPG SITE 114, THE CITY OF JERSEY CITY, HUDSON COUNTY, NEW JERSEY, CONDUCTED BY BORBAS SURVEYING AND MAPPING, LLC, DATED APRIL 15, 2011, AND ON PLANS PROVIDED BY THE CITY OF JERSEY CITY.

S3. POST-EXCAVATION ELEVATION SURVEY POINTS WERE SOURCED FROM "AS-BUILT" EXCAVATION SURVEY, CARTERET AVE SITE EXCAVATION, CITY OF JERSEY CITY, HUDSON COUNTY, N.J., CONDUCTED BY BORBAS SURVEYING AND MAPPING, LLC, DATED JANUARY 27, 2021.

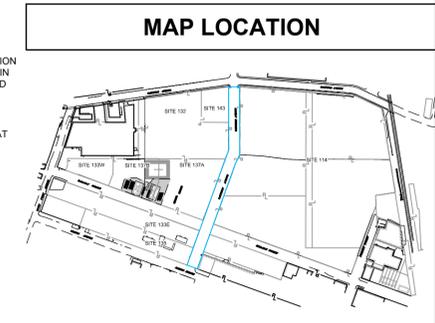
S4. SAMPLES COLLECTED AT BORING LOCATIONS CAR-PDI-GG21A, CAR-PDI-GG22A, CAR-PDI-GG23A, EF-17, AND EF-129 ARE OUTSIDE THE SITE BOUNDARY AND WERE USED TO INFORM DELINEATION OF CCPW-RELATED IMPACTS.

S5. SIDEWALL SAMPLES WERE NOT REQUIRED WITHIN HALLADAY STREET NORTH ALONG CARTERET AVENUE BASED ON THE ADJACENT EXCAVATION IN HALLADAY

STREET NORTH.

S6. THE HDPE LINER WAS INSTALLED AS AN ENGINEERING CONTROL TO ADDRESS TRACE COPR, WHICH WAS OBSERVED IN THE EXCAVATION SIDEWALL FROM STATION 9+25 TO STATION 10+10. THE TRACE COPR REMAINING IN PLACE BENEATH THE HDPE LINER IS BEING ADDRESSED VIA ENGINEERING CONTROL (HDPE LINER) AND INSTITUTIONAL CONTROLS (NOTICE IN LIEU OF DEED NOTICE).

S7. SAMPLE LOCATIONS ARE ADJACENT TO EACH OTHER AT STATION 6+47, OFFSET 20'. THEREFORE, THE SAMPLE LOCATION SYMBOLS OVERLAP ON THE FIGURE.



PPG GARFIELD AVENUE GROUP SITES JERSEY CITY, NEW JERSEY		SAMPLE MAP FOR CCPW METALS COMPARED TO SOIL REMEDIATION STANDARDS
DATE: 03/19/2021	DRWN: JJA	FIGURE 5-2B

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