



Location	Depth			Parameter	Result
	Top	Mid	Bottom		
154-019	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0
	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0
	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0
154-020	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0
	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0
	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0
154-021	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0
	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0
	11.0-13.0	13.0-15.0	15.0-17.0	SO ₄ NITR	11.0



LEGEND

- BORING LOCATIONS
- ANTHONY (DB) ≥ 31 PPM
- CHROMIUM (CR) ≥ 120,000 PPM
- THALLIUM (TL) ≥ 5 PPM
- VANADIUM (VA) ≥ 78 PPM
- NO CCPW METALS EXCEEDANCE AT THIS BORING LOCATION

ANALYTICAL RESULTS EXCEEDING THE NJDEP SRS

- FORMER MGP BOUNDARY
- FORMER MORRIS CANAL
- EXCAVATION BOUNDARY
- SAMPLE LOCATION (DEPTH IN FEET)
- ANALYTE NAME RESULTS (PPM)

NOTES:

- HORIZONTAL DATUM - NAD 1983
- VERTICAL DATUM - NAVD 1989
- DATA ARE COMPARED TO THE MOST STRINGENT OF THE NJDEP RESIDENTIAL AND NON-RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARDS ADOPTED JUNE 2, 2008. (LAST AMENDED NOVEMBER 4, 2009). TOTAL CHROMIUM COMPARED TO THE NJDEP CHROMIUM SOIL CLEANUP CRITERIA ("CSCL"), DATED SEPTEMBER 2008, REVISED APRIL 2010.
- DATA FOR LOCATIONS NORTHEAST AND NORTHWEST ARE PRESENTED ON SEPARATE MAPS.
- FIELD FONT INDICATES AN EXCEEDANCE OF THE NJDEP CSCL.
- "FD" INDICATES FIELD DUPLICATE.
- FORMER FORT INDICATES DATA ARE BASED ON ORIGINAL SURVEYS AND MAPPING BY J.R. BIEN AND C.C. VERHELDE, 1991.
- BLANKS INDICATE DATA NOT ANALYZED.
- THERE ARE NO EXCEEDANCES OF NICKEL ABOVE THE NJDEP SRS OF 1,600 PPM.

DATE: NOVEMBER 2011 | DRAWN: J.E.B. | CHECKED: C.A.D.

**PPG INDUSTRIES
GARFIELD AVENUE PROJECT AREA, JERSEY CITY
REMEDIAL INVESTIGATION REPORT
HUDSON COUNTY, NEW JERSEY**

60154801

**FIGURE 5-7
SOIL COMPARISON TO NJDEP SRS -
NORTHEAST GARFIELD AVENUE SITES
CCPW METALS (ppm)**