

**Table 2-4  
CCPW Metals Analytical Results in the Unstaturated Soil Zone Compared to IGW Soil Screening Level and Soil Remediation Standards  
Remedial Action Work Plan (Soil)  
Garfield Avenue Roadway  
PPG, Jersey City, New Jersey**

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	ANTIMONY 7440-36-0 mg/kg N/A 62.7		CHROMIUM 7440-47-3 mg/kg N/A N/A		NICKEL 7440-02-0 mg/kg N/A 170		THALLIUM 7440-28-0 mg/kg 3 N/A		VANADIUM 7440-62-2 mg/kg N/A N/A	
											Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
A'12A	114CC-A'12A-SW	114-A'12A-0.5-1.0-SW	JB9081	JB9081-1	0.5 - 1.0 ft	10.9	10.4	9.9	06/15/2012	Y	< 0.17	UJ	222		15.8		< 0.25	U	29.3	
A'1A	114CC-A'1A-SW	114-A'1A-0.5-1.0-SW	JB10728	JB10728-2	0.5 - 1.0 ft	10.1	9.6	9.1	07/09/2012	N	< 0.18		2360		14.3		0.70		46.2	
A5B	P4-GA-A5B	114-GA-A5B-0.0-0.5	JB74714A	JB74714-12A	0.0 - 0.5 ft	9.5	9.5	9.0	08/21/2014	Y	< 0.29	U	3.5		2.1		< 0.44	UJ	6.9	
A'7A	A6	A6S0-.5	R2318257	668994	0.0 - 0.5 ft	10.5	10.5	10.0	09/02/2003	Y	14.7	J	1260	J	66.6	J	< 1.3	U	115	J
A'7A	A6	A6S1.5-2	R2318257	668995	1.5 - 2.0 ft	10.5	9.0	8.5	09/02/2003	Y	< 0.45	UJ	95	J	8.1	J	< 1.2	U	24.4	J
A'7A	GB	GB0.4-0.9-727913	R2421371	727913	0.4 - 0.9 ft	10.2	9.8	9.3	03/15/2004	Y	2.3	J					< 0.2	U		
A'8A	A'-8A	114-A'-8A-0.0	460314021	460-31402-12	0.0 - 0.5 ft	10.8	10.8	10.3	09/21/2011	N			324							
B'10A	EF-117	EF-B117-2.0-2.5	JB15502	JB15502-8	2.0 - 2.5 ft	10.9	8.9	8.4	09/05/2012	Y	0.57	J			11.1					
B'10B	114-B10B-CC-SW	114-B10B-SW-2.0-2.5	JB77112A	JB77112-5A	2.0 - 2.5 ft	11.6	9.6	9.1	09/19/2014	Y	9.9		7570		17.7		< 0.94	U	36.6	
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-1.0-1.5	JC31680A	JC31680-16A	1.0 - 1.5 ft	11.4	10.4	9.9	11/13/2016	Y	< 0.31	U	47.7		10.0		< 0.43	U	26.3	
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-2.0-2.5	JC31680A	JC31680-22A	2.0 - 2.5 ft	11.4	9.4	8.9	11/13/2016	Y	< 0.30	U	24.2		4.1	J	< 0.42	U	23.7	
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-1.0-1.5	JC36395A	JC36395-10A	1.0 - 1.5 ft	10.8	9.8	9.3	01/22/2017	Y	0.39	J	64.1		14.9		< 0.44	U	36.1	
B'9A	GAR-PDI-B'9A	GAR-PDI-B'9A-1.0-1.5	JC32140A	JC32140-28A	1.0 - 1.5 ft	10.8	9.8	9.3	11/20/2016	Y	0.73	J	28.8		12.6		< 0.44	U	28.2	
B9B	114-B9B-CC-SW	114-B9B-SW-2.0-2.5	JB77012A	JB77012-6A	2.0 - 2.5 ft	11.5	9.5	9.0	09/18/2014	Y	7.1	J	23600		18.0		< 2.9	U	42.0	
C11B	114-C11B-CC-SW	114-C11B-SW-2.0-2.5	JB77397A	JB77397-5A	2.0 - 2.5 ft	11.3	9.3	8.8	09/23/2014	Y	10.3	J	21100		26.9		< 2.8	U	29.8	J
C12B	114-C12B-CC-SW	114-C12B-SW-2.0-2.5	JB77550A	JB77550-5A	2.0 - 2.5 ft	11.3	9.3	8.8	09/24/2014	Y	< 0.31	U	1740		10.2		< 0.46	U	21.9	
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-0.5-1.0	JC35045A	JC35045-4A	0.5 - 1.0 ft	10.7	10.2	9.7	01/08/2017	Y	3.7		94.5		19.3		< 0.44	U	23.0	

**Notes:**

- J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.
- U - Indicates that the analyte was not detected at the reported Method Detection Limit.
- UJ - The analyte was not detected above the sample reporting limit shown and the reporting limit was approximate.
- bgs - below ground surface
- CAS RN - Chemical Abstracts Service Registry Number
- DIGWSSL - Default Impact to Ground Water Soil Screening Level
- El. - elevation
- ft - feet or foot
- IGW - Impact to Groundwater
- IGWSRS-GAG - Impact to Groundwater Soil Remediation Standard - Garfield Avenue Group
- mg/kg - milligrams per kilogram
- N/A - not applicable
- NAVD88 - North American Vertical Datum of 1988
- NJDEP - New Jersey Department of Environmental Protection
- SDG - Sample Delivery Group

This table shows sample results from the unsaturated zone in comparison to the DIGWSSLs and IGWSRS-GAG. The groundwater elevation at this Site was estimated as the 50th percentile groundwater elevation from four monitoring wells located within the Site's extents (See Appendix A). The estimated groundwater elevation for this Site is El. 8.3 ft NAVD88.