

Table 8B
 Soil Sample Data Summary - AECOM, 2012
 Compared to NJDEP Default Impact to Groundwater Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

			Location Sample ID	S121 174-S121-0.0	S121 174-S121-2.0	S121 174-S121-4.0	S122 174-S122-0.0	S122 174-S122-0.0X
			Lab ID	460-38115-1	460-38115-2	460-38115-3	460-38115-9	460-38115-10
			Date Collected	03/20/2012	03/20/2012	03/20/2012	03/20/2012	03/20/2012
			Depth interval	0 - 0.5 ft	2 - 2.5 ft	4 - 4.5 ft	0 - 0.5 ft	0 - 0.5 ft
			Depth to Groundwater	4.5	4.5	4.5	4.8	4.8
Analyte	CAS-RN	DIGWSSL						
ANTIMONY	7440-36-0	6	0.53 J	3.3 J	0.44 U	1.0 J	0.76 J	
CHROMIUM	7440-47-3		17.3 J	16.0 J	19.3 J	20.7 J	18.3 J	
CHROMIUM (HEXAVALENT)	18540-29-9		0.91 J	0.87 UJ	0.91 UJ	0.9 UJ	0.87 UJ	
NICKEL	7440-02-0	31	10 J	14.4 J	22.3 J	19.6 J	15.6 J	
THALLIUM	7440-28-0	3	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	
VANADIUM	7440-62-2		22.7 J	18.4 J	28.4 J	19.1 J	18.0 J	

Notes:

- All results are reported in milligrams per kilogram (mg/kg).
- Depths are presented in feet below ground surface (bgs).
- CAS-RN = Chemical Abstract Service Registry Number.
- DIGWSSL = NJDEP Default Impact to Groundwater Soil Screening Level.
- Bold** values indicate that the result exceeds the DIGWSSL.
- A blank result value indicates the analysis was not requested.
- 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
- UJ - Indicates the analyte was not detected above the reporting limit/MDL and the reporting limit/MDL was approximate.

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 Remedial Action Work Plan - Site 174

			S122	S122	S123	S123	S123
			174-S122-2.0	174-S122-4.0	174-S123-0.0	174-S123-2.0	174-S123-4.0
			460-38115-11	460-38115-12	460-38115-17	460-38115-18	460-38115-19
			03/20/2012	03/20/2012	03/20/2012	03/20/2012	03/20/2012
			2 - 2.5 ft	4 - 4.5 ft	0 - 0.5 ft	2 - 2.5 ft	4 - 4.5 ft
			4.8	4.8	4.4	4.4	4.4
Analyte	CAS-RN	DIGWSSL					
ANTIMONY	7440-36-0	6	0.46 J	0.98 J	1.3 J	1.7 J	3.5 J
CHROMIUM	7440-47-3		25.1 J	25.9 J	194 J	49.9 J	34.4 J
CHROMIUM (HEXAVALENT)	18540-29-9		0.82 UJ	0.95 J	0.86 J	0.83 UJ	1.4 J
NICKEL	7440-02-0	31	28.9 J	22.9 J	19.9 J	17.4 J	31.4 J
THALLIUM	7440-28-0	3	0.19 U	0.2 U	0.2 U	0.21 U	0.25 U
VANADIUM	7440-62-2		34.8 J	27.6 J	32.7 J	22.2 J	19.9 J

Notes:

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