

Table 7B
 Soil Sample Data Summary - Berger, 2002
 Compared to NJDEP Default Impact to Groundwater Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Location ID	174S01	174S01	174S01	174S01	174S02	174S02	174S02	
Sample ID	174S01A	174S01D	174S01F	174S01G	174S02A	174S02C	174S02D	
Lab ID	A0267-22	A0267-23	A0267-74	A0267-25	A0267-15	A0267-16	A0267-17	
Date Sampled	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002	
Sample Depth (ft)	1-2	4-5	6-7	8-9	0-1	2-3	3-4	
Depth to Groundwater	8	8	8	8	5	5	5	
Analyte	DIGWSSL							
Antimony	6	17.5 J	4.9 J	0.22 UJ	0.26 U	67.4 J	1.2 J	0.21 UJ
Beryllium	0.5	0.67 J	0.56 J	0.14 J	0.26 J	1.4	0.52 J	0.61 J
Cadmium	1	0.16 J	0.44 J	4.8 J	1.2 J	0.38 J	0.85 J	0.18 J
Chromium, Total		565	25.1	46.7	24.9	2130	15.3	20.6
Chromium, Hexavalent		8.7 J	0.46 UJ	0.51 UJ	1.1 UJ	8.6 J	0.47 UJ	0.46 UJ
Chromium, Trivalent								
Nickel	31	39.3 J	20.5 J	78.7 J	22.4 J	388	21	22.8
Thallium	3							
Vanadium		81.9	21.3	19	16.8	512	32.2	21

Notes:

All results are reported in milligrams per kilogram (mg/kg).
 Depths are presented in feet below ground surface (bgs).
 Depth to groundwater based on Table 4, used to determine the unsaturated zone.
 DIGWSSL = NJDEP Default Impact to Groundwater Soil Screening Level
Bold values indicate that the result exceeds the
 A blank result value indicates the analysis was not
 J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is
 U - Indicates that the analyte was not detected at the reported Method Detection Limit.

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	Location ID	174S02	174S03	174S03	174S03	174S03	174S03	174S04
	Sample ID	174S02F	174S03A	DUPE 01	174S03E	174S03G	174S03H	174S04A
	Lab ID	A0267-18	A0267-07	A0267-08	A0267-02	A0267-03	A0267-04	A0267-09
	Date Sampled	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002
	Sample Depth (ft)	5-6	0-1	0-1	5-6	7-8	8-9	0-1
	Depth to Groundwater	5	8	8	8	8	8	5
Analyte	DIGWSSL							
Antimony	6	14.5 J	0.19 UJ	0.22 UJ	0.22 UJ	0.23 UJ	0.19 U	2.2 J
Beryllium	0.5	0.3 J	1.1	1.3	0.67 J	0.63 J	0.77 J	1.1
Cadmium	1	1.1 J	0.075 J	0.068 J	0.16 J	0.046 U	0.038 U	0.12 J
Chromium, Total		35.8	61.8	31.3	18.7	23.1	21.9	140
Chromium, Hexavalent		0.52 UJ	1.2 J	1 U	0.44 UJ	0.66 J	0.51 UJ	0.93 UJ
Chromium, Trivalent								
Nickel	31	340	25.8	32.1 J	24.3	35.7	26.2	34.4
Thallium	3							
Vanadium		20.1	39.8	31.3	25.5	28.6	31.8	47.6

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 Remedial Action Work Plan - Site 174

	Location ID	174S04	174S04	174S04	174S05	174S05	174S05
	Sample ID	174S04D	174S04E	174S04F	174S05A	174S05D	174S05F
	Lab ID	A0267-10	A0267-11	A0267-12	A0267-28	A0267-29	A0267-30
	Date Sampled	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002
	Sample Depth (ft)	3-4	4-5	5-6	0-1	3-4	5-6
	Depth to Groundwater	5	5	5	6	6	6
Analyte	DIGWSSL						
Antimony	6	1.3 J	0.21 U	0.17 UJ	16.4 J	4.2 J	54.5 J
Beryllium	0.5	0.95 J	0.43 J	0.39 J	1.9	0.62 J	1.7
Cadmium	1	0.32 J	0.3 J	0.29 J	0.26 J	0.45 J	2.3 J
Chromium, Total		15.2	17.3	19.2	551	16.4	47.4
Chromium, Hexavalent		2.9 J	0.44 UJ	0.5 J	1.1 J	0.47 UJ	0.51 UJ
Chromium, Trivalent							
Nickel	31	14.2	15.9	20.7	97.7 J	19.3 J	87.4 J
Thallium	3						
Vanadium		24.1	19.4	18.9	108	22.6	17.9

Notes:

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