

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB03	174SB04	174SB05	174SB06	174SB07
	RDCSRS	NRDCSRS	174SB03-0.01-1.0	174SB03-0.01-1.1	174SB03-0.01-1.2	174SB03-0.01-1.3	174SB03-0.01-1.4
			232732	232733	232734	232735	232736
			6/8/1998	6/9/1998	6/10/1998	6/11/1998	6/12/1998
			0-1	0-2	0-3	0-4	0-5
Antimony	31	450	3.5 J	3.1 J	1.9 J	1.3 J	1.4 J
Beryllium	16	140	0.04 UJ	0.04 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Cadmium	78	78	1.3 J	0.66 J	0.71 J	1.1 J	0.69 J
Chromium, Total	120000		27.8 J	31.1 J	20.5 J	10.7 J	15.5 J
Chromium, Hexavalent	20	20	5.62 UJ	5.66 UJ	5.9 UJ	6.61 UJ	6.54 UJ
Chromium, Trivalent	120000		27.8 J	31.1 J	20.5 J	10.7 J	15.5 J
Nickel	1600	23000	27 J	15.3 J	13.7 J	16.8 J	14.7 J
Thallium	5	79					
Vanadium	78	1100	30.3 J	39 J	18 J	18.8 J	21.1 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

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J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

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Analyte	Location ID		174SB08	174SB09	174SB10	174SB11	174SB12
	RDCSRS	NRDCSRS	174SB03-0.01-1.5	174SB03-0.01-1.6	174SB03-0.01-1.7	174SB03-0.01-1.8	174SB03-0.01-1.9
			232737	232738	232739	232740	232741
			6/13/1998	6/14/1998	6/15/1998	6/16/1998	6/17/1998
			0-6	0-7	0-8	0-9	0-10
Antimony	31	450	1.1 U	3 B	1.6 B	1.1 U	1.2 UJ
Beryllium	16	140	0.95 J	0.86 J	0.48 J	0.76 J	0.39 J
Cadmium	78	78	1.3	3.8	2.3	0.57 J	1.8
Chromium, Total	120000		25.1	17.2	13.6	18.9	15.7
Chromium, Hexavalent	20	20	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
Chromium, Trivalent	120000		25.1	17.2	13.6	18.9	15.7
Nickel	1600	23000	21.6	29.7	21.5	22.3	20
Thallium	5	79					
Vanadium	78	1100	29.2	29.9	21.5	21.9	29.4

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Analyte	Location ID		174SB13	174SB14	174SB15	174SB16	174SB17
	RDCSRS	NRDCSRS	174SB03-0.01-1.10	174SB03-0.01-1.11	174SB03-0.01-1.12	174SB03-0.01-1.13	174SB03-0.01-1.14
			232742	232743	232744	232745	232746
			6/18/1998	6/19/1998	6/20/1998	6/21/1998	6/22/1998
			0-11	0-12	0-13	0-14	0-15
Antimony	31	450	0.94 J	0.47 U	1.3 J	4.7 J	1.8 J
Beryllium	16	140	1.2 J	0.24 U	0.04 UJ	0.05 UJ	0.05 UJ
Cadmium	78	78	0.25 U	0.68 J	0.97 J	5.3 J	2.8 J
Chromium, Total	120000		18.5	7.5	11.5 J	29.3 J	5.7 J
Chromium, Hexavalent	20	20	5.81 J	6.71 U	2.67 J	6.67 UJ	6.09 UJ
Chromium, Trivalent	120000		12.69	7.5	8.83 J	29.3 J	5.7 J
Nickel	1600	23000	15.3	10.6	18.1 J	33.6 J	18.3 J
Thallium	5	79					
Vanadium	78	1100	29	5.9 B	14.8 J	12.5 J	12.1 J

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Analyte	Location ID		174SB18	174SB19	174SB20	174SB21	174SB22
	RDCSRS	NRDCSRS	174SB03-0.01-1.15	174SB03-0.01-1.16	174SB03-0.01-1.17	174SB03-0.01-1.18	174SB03-0.01-1.19
			232747	232748	232749	232750	232751
			6/23/1998	6/24/1998	6/25/1998	6/26/1998	6/27/1998
			0-16	0-17	0-18	0-19	0-20
Antimony	31	450	2.7 J	4.1 JB	3 B	2.4 B	1.5 B
Beryllium	16	140	0.07 UJ	0.14 B	0.17 B	0.06 B	0.05 U
Cadmium	78	78	1.4 J	R	R	R	0.61 J
Chromium, Total	120000		51.2 J	24.5 J	16.6 J	13.8 J	8.1 J
Chromium, Hexavalent	20	20	8.82 UJ	5.87 UJ	5.95 UJ	5.63 U	5.83 UJ
Chromium, Trivalent	120000		51.2 J	54.5 J	16.6 J	13.8 J	8.1 J
Nickel	1600	23000	33.7 J	29.4	9.9	11.4	9 J
Thallium	5	79					
Vanadium	78	1100	15.8 J	38.2 J	20.6 J	19.9 J	13.2 J

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	RDCSRS	NRDCSRS	174SB03-0.01-1.20	174SB03-0.01-1.21	174SB03-0.01-1.22	174SB03-0.01-1.23	174SB03-0.01-1.24
			232752	232753	232754	232755	232756
			6/28/1998	6/29/1998	6/30/1998	7/1/1998	7/2/1998
			0-21	0-22	0-23	0-24	0-25
Antimony	31	450	2 B	2.7 J	1.4 J	0.8 UJ	1.1 J
Beryllium	16	140	0.05 U	1 JB	0.04 U	0.04 U	0.06 U
Cadmium	78	78	0.57 J	0.12 UJ	0.11 UJ	0.51 J	0.14 UJ
Chromium, Total	120000		15.9 J	55.9 J	11.6 J	5.7 J	22 J
Chromium, Hexavalent	20	20	5.82 UJ	5.58 UJ	5.8 UJ	5.49 UJ	7.63 UJ
Chromium, Trivalent	120000		15.9 J	55.9 J	11.6 J	5.7 J	22 J
Nickel	1600	23000	10.5	40.9 J	16 J	12.1 J	23.7 J
Thallium	5	79					
Vanadium	78	1100	17.1 J	29.6 J	18.3 J	11.5 J	25.4 J

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Analyte	Location ID		174SB28	174SB29	174SB30	174SB31	174SB32
	RDCSRS	NRDCSRS	174SB03-0.01-1.25	174SB03-0.01-1.26	174SB03-0.01-1.27	174SB03-0.01-1.28	174SB03-0.01-1.29
			232757	232758	232759	232760	232761
			7/3/1998	7/4/1998	7/5/1998	7/6/1998	7/7/1998
			0-26	0-27	0-28	0-29	0-30
Antimony	31	450	3.6 J	2.2 J	3.3 J	3.8 J	1.8 J
Beryllium	16	140	0.04 UJ	0.04 UJ	0.06 UJ	0.05 UJ	0.05 UJ
Cadmium	78	78	0.79 J	1 J	2 J	4.4 J	0.49 J
Chromium, Total	120000		19.5 J	37.3 J	34.6 J	23 J	16.5 J
Chromium, Hexavalent	20	20	5.12 UJ	5.34 UJ	7.69 UJ	6.77 UJ	2.28 J
Chromium, Trivalent	120000		19.5 J	37.3 J	34.6 J	23 J	14.22 J
Nickel	1600	23000	19.6 J	32.4 J	39 J	34.1 J	18.9 J
Thallium	5	79					
Vanadium	78	1100	30.8 J	15.1 J	20.2 J	16.1 J	23 J

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Analyte	Location ID		174SB33	174SB34	174SB35	174SB36	174SB37
	RDCSRS	NRDCSRS	174SB03-0.01-1.30	174SB03-0.01-1.31	174SB03-0.01-1.32	174SB03-0.01-1.33	174SB03-0.01-1.34
			232762	232763	232764	232765	232766
			7/8/1998	7/9/1998	7/10/1998	7/11/1998	7/12/1998
			0-31	0-32	0-33	0-34	0-35
Antimony	31	450	0.88 UJ	0.82 UJ	0.84 UJ	0.85 UJ	0.84 UJ
Beryllium	16	140	0.53 B	0.25 B	0.11 B	0.05 U	0.09 B
Cadmium	78	78	R	0.12 J	0.53 J	0.5 J	0.2 J
Chromium, Total	120000		13.6 J	2.9 J	8.1 J	9.5 J	5.2 J
Chromium, Hexavalent	20	20	6.05 UJ	5.81 UJ	6 UJ	6.27 UJ	5.7 UJ
Chromium, Trivalent	120000		13.6 J	2.9 J	8.1 J	9.5 J	5.2 J
Nickel	1600	23000	15.3 J	4.7 J	11.9 J	14.8 J	7.1 J
Thallium	5	79					
Vanadium	78	1100	20 J	7.7 J	13.9 J	15 J	12.8 J

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Analyte	Location ID		174SB38	174SB39	174SB40	174SB41	174SB42
	RDCSRS	NRDCSRS	174SB03-0.01-1.35	174SB03-0.01-1.36	174SB03-0.01-1.37	174SB03-0.01-1.38	174SB03-0.01-1.39
			232767	232768	232769	232770	232771
			7/13/1998	7/14/1998	7/15/1998	7/16/1998	7/17/1998
			0-36	0-37	0-38	0-39	0-40
Antimony	31	450	0.83 UJ	0.85 UJ	2.3 J	0.68 J	0.59 J
Beryllium	16	140	0.05 U	0.05 U	0.51 J	0.45 J	0.7 J
Cadmium	78	78	0.32 J	0.21 J	0.26 U	0.23 U	0.25 U
Chromium, Total	120000		6.4 J	7.2 J	13.8	14.3	38.6
Chromium, Hexavalent	20	20	5.9 UJ	5.45 UJ	7 J	2.5 J	5.79 U
Chromium, Trivalent	120000		6.4 J	7.2 J	6.8	11.8	38.6
Nickel	1600	23000	8.1 J	9 J	19.1	11	19.8
Thallium	5	79					
Vanadium	78	1100	14 J	12.7 J	22.1	25.9	43.1

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	RDCSRS	NRDCSRS	174SB03-0.01-1.40	174SB03-0.01-1.41	174SB03-0.01-1.42	174SB03-0.01-1.43	174SB03-0.01-1.44
			232772	232773	232774	232775	232776
			7/18/1998	7/19/1998	7/20/1998	7/21/1998	7/22/1998
			0-41	0-42	0-43	0-44	0-45
Antimony	31	450	1.9 J	1.9 J	1.8 J	1 UJ	R
Beryllium	16	140	0.04 UJ	0.05 UJ	0.05 UJ	0.06 UJ	R
Cadmium	78	78	1 J	0.8 J	0.79 J	1.8 J	R
Chromium, Total	120000		14.3 J	13.6 J	10.5 J	7.1 J	R
Chromium, Hexavalent	20	20	5.73 UJ	5.72 UJ	6.25 UJ	6.8 UJ	7.92 U
Chromium, Trivalent	120000		14.3 J	13.6 J	10.5 J	7.1 J	
Nickel	1600	23000	20.3 J	23.7 J	17.4 J	13.1 J	R
Thallium	5	79					
Vanadium	78	1100	18.8 J	17.6 J	16.8 J	13 J	R

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	RDCSRS	NRDCSRS	174SB03-0.01-1.45	174SB03-0.01-1.46	174SB03-0.01-1.47	174SB03-0.01-1.48	174SB03-0.01-1.49
			232777	232778	232779	232780	232781
			7/23/1998	7/24/1998	7/25/1998	7/26/1998	7/27/1998
			0-46	0-47	0-48	0-49	0-50
Antimony	31	450	1.8 J	3.7 J	0.86 UJ	0.85 UJ	0.82 UJ
Beryllium	16	140	0.04 U	0.1 J	0.05 U	0.05 B	0.05 U
Cadmium	78	78	0.8 J	0.37 J	0.44 J	0.33 J	0.56 J
Chromium, Total	120000		60.2 J	189 J	7.1 J	10.2 J	8.1 J
Chromium, Hexavalent	20	20	5.39 UJ	5.24 J	6.34 UJ	6.2 UJ	5.9 UJ
Chromium, Trivalent	120000		60.2 J	183.76 J	7.1 J	10.2 J	8.1 J
Nickel	1600	23000	14.9 J	10.1 J	9.2 J	10.3 E	14.1 J
Thallium	5	79					
Vanadium	78	1100	31.6 J	9.6 J	11.8 J	18 J	15.8 J

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	RDCSRS	NRDCSRS	174SB03-0.01-1.50	174SB03-0.01-1.51	174SB03-0.01-1.52	174SB03-0.01-1.53	174SB03-0.01-1.54
			232782	232783	232784	232785	232786
			7/28/1998	7/29/1998	7/30/1998	7/31/1998	8/1/1998
			0-51	0-52	0-53	0-54	0-55
Antimony	31	450	0.63 J	0.48 U	1.2 J	R	R
Beryllium	16	140	0.88 J	0.53 J	0.55 J	R	R
Cadmium	78	78	0.24 U	0.24 U	0.25 U	R	R
Chromium, Total	120000		21.6	21	14.1	R	R
Chromium, Hexavalent	20	20	5.44 UJ	5.1 J	6.43 UJ	6.78 UJ	6.23 UJ
Chromium, Trivalent	120000		21.6	15.9	14.1		
Nickel	1600	23000	17	17.2	13.3	R	R
Thallium	5	79					
Vanadium	78	1100	29.8	27.5	21.4	R	R

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB58	174SB59	174SB60	174SB61	174SB62
	RDCSRS	NRDCSRS	174SB03-0.01-1.55 232787 8/2/1998 0-56	174SB03-0.01-1.56 232788 8/3/1998 0-57	174SB03-0.01-1.57 232789 8/4/1998 0-58	174SB03-0.01-1.58 232790 8/5/1998 0-59	174SB03-0.01-1.59 232791 8/6/1998 0-60
Antimony	31	450	10.2 J	1.8 J	2.7 J	1 J	0.98 J
Beryllium	16	140	0.05 U	0.05 U	0.05 U	0.05 U	0.04 U
Cadmium	78	78	R	0.79 J	R	R	0.35 J
Chromium, Total	120000		484 J	9.2 J	14.2 J	10.1 J	7.5 J
Chromium, Hexavalent	20	20	8.9 J	6.14 UJ	6.28 UJ	5.44 UJ	5.57 UJ
Chromium, Trivalent	120000		475.1 J	9.2 J	14.2 J	10.1 J	7.5 J
Nickel	1600	23000	145 J	10.1 J	32 J	10.9 J	7 J
Thallium	5	79					
Vanadium	78	1100	20.6 J	13.5 J	8.4 J	17.6 J	18.3 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

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E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB63	174SB64	174SB65	174SB66	174SB67
	RDCSRS	NRDCSRS	174SB03-0.01-1.60	174SB03-0.01-1.61	174SB03-0.01-1.62	174SB03-0.01-1.63	174SB03-0.01-1.64
			232792	232793	232794	232795	232796
			8/7/1998	8/8/1998	8/9/1998	8/10/1998	8/11/1998
			0-61	0-62	0-63	0-64	0-65
Antimony	31	450	1.2 U	2 J	1.3 J	14.7	1.2 U
Beryllium	16	140	1.2	0.61 J	0.53 J	0.38 J	0.33 J
Cadmium	78	78	0.24 U	0.23 U	0.22 U	0.24 U	0.24 U
Chromium, Total	120000		19.7	91.4	175	166	596
Chromium, Hexavalent	20	20	2 U	2 UJ	2 U	2 U	2 UJ
Chromium, Trivalent	120000		19.7	91.4	172	166	596
Nickel	1600	23000	16.1	21.5	22.5	85.5	54.4
Thallium	5	79					
Vanadium	78	1100	26.1	26.4	32.9	23	17.6

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

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NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB68	174SB69	174SB70	174SB71	174SB72
	RDCSRS	NRDCSRS	174SB03-0.01-1.65	174SB03-0.01-1.66	174SB03-0.01-1.67	174SB03-0.01-1.68	174SB03-0.01-1.69
			232797	232798	232799	232800	232801
			8/12/1998	8/13/1998	8/14/1998	8/15/1998	8/16/1998
			0-66	0-67	0-68	0-69	0-70
Antimony	31	450	1.6 J	7.6 J	1.5 J	0.85 UJ	1.1 U
Beryllium	16	140	0.21 J	0.05 U	0.05 U	0.05 U	0.99 J
Cadmium	78	78	R	0.4 J	1.4 J	R	0.23 U
Chromium, Total	120000		24.4 J	7.1 J	13.8 J	10 J	75.7
Chromium, Hexavalent	20	20	6.34 UJ	3.91 J	6.66 UJ	6.1 UJ	2 U
Chromium, Trivalent	120000		24.4 J	3.09 J	13.8 J	10 J	75.7
Nickel	1600	23000	14 J	39.4 J	12.4 J	17 J	25.2
Thallium	5	79					1.6 U
Vanadium	78	1100	24 J	7.3 J	8.5 J	15.6 J	1.9

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

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NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB73	174SB74	174SB75	174SB76	174SB77
	RDCSRS	NRDCSRS	174SB03-0.01-1.70	174SB03-0.01-1.71	174SB03-0.01-1.72	174SB03-0.01-1.73	174SB03-0.01-1.74
			232802	232803	232804	232805	232806
			8/17/1998	8/18/1998	8/19/1998	8/20/1998	8/21/1998
			0-71	0-72	0-73	0-74	0-75
Antimony	31	450	1.2 U	1.2 U	14.8	1.1 U	1.6 J
Beryllium	16	140	1.1 J	1.1 J	0.41 J	0.63 J	0.23 U
Cadmium	78	78	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Chromium, Total	120000		79.9	180.3	564	17.1	5.9
Chromium, Hexavalent	20	20	2 UJ	6.67 J	30.5	2 U	2 UJ
Chromium, Trivalent	120000		79.9	180.3	533.5	17.1	5.9
Nickel	1600	23000	25	36.6	23.3	24.4	19.3
Thallium	5	79	1.6 U	1.6 U			
Vanadium	78	1100	36.6	48	23.5	24.9	7.6

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

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N - Indicates that the sample recovery is not within control limits.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB78	174SB79	174SB80	174SB81	174SB82
	RDCSRS	NRDCSRS	174SB03-0.01-1.75	174SB03-0.01-1.76	174SB03-0.01-1.77	174SB03-0.01-1.78	174SB03-0.01-1.79
			232807	232808	232809	232810	232811
			8/22/1998	8/23/1998	8/24/1998	8/25/1998	8/26/1998
			0-76	0-77	0-78	0-79	0-80
Antimony	31	450	1.1 U	3 J	2.1 J	12.5 J	0.82 UJ
Beryllium	16	140	0.64 J	0.64 J	0.05 U	0.05 U	0.05 U
Cadmium	78	78	0.22 U	1 J	0.63 J	0.17 J	0.35 J
Chromium, Total	120000		13.3	113 J	25.4 J	16.9 J	5.1 J
Chromium, Hexavalent	20	20	2 U	5.6 UJ	3.3 J	6.22 UJ	6.05 UJ
Chromium, Trivalent	120000		13.3	113 J	22.1 J	16.9 J	5.1 J
Nickel	1600	23000	12.3	35.1 J	10.2 J	89.1 J	7.8 J
Thallium	5	79					
Vanadium	78	1100	40.8	27.8 J	12 J	3.1 J	10.4 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

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NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

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B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB83	174SB84	174SB85	174SB86	174SB87
	RDCSRS	NRDCSRS	174SB03-0.01-1.80	174SB03-0.01-1.81	174SB03-0.01-1.82	174SB03-0.01-1.83	174SB03-0.01-1.84
			232812	232813	232814	232815	232816
			8/27/1998	8/28/1998	8/29/1998	8/30/1998	8/31/1998
			0-81	0-82	0-83	0-84	0-85
Antimony	31	450	5.2 JB	8 JB	3.3 B	3.6 B	2.7 B
Beryllium	16	140	0.33 J	0.05 J	0.05 UJ	0.05 UJ	0.05 UJ
Cadmium	78	78	R	R	0.8 J	R	0.64 J
Chromium, Total	120000		118 J	348 J	14.6 J	11.1 J	17.5 J
Chromium, Hexavalent	20	20	5.72 UJ	4.73 J	6.11 UJ	5.86 UJ	5.73 UJ
Chromium, Trivalent	120000		118 J	343.27 J	14.6 J	11.1 J	17.5 J
Nickel	1600	23000	36.7	23.6	24.2	12.7	12.9
Thallium	5	79					
Vanadium	78	1100	48.6 J	22.7 J	16.6 J	6.7 J	22 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB88	174SB89	174SB90	174SB91	174SB92
	RDCSRS	NRDCSRS	174SB03-0.01-1.85	174SB03-0.01-1.86	174SB03-0.01-1.87	174SB03-0.01-1.88	174SB03-0.01-1.89
			232817	232818	232819	232820	232821
			9/1/1998	9/2/1998	9/3/1998	9/4/1998	9/5/1998
			0-86	0-87	0-88	0-89	0-90
Antimony	31	450	2.8 B	2.1 J	5.3 J	4.6 J	3.3 J
Beryllium	16	140	0.05 UJ	0.36 J	0.05 U	0.05 U	0.05 U
Cadmium	78	78	R	0.13 UJ	0.12 UJ	0.11 UJ	0.92 J
Chromium, Total	120000		18 J	74.3 J	224 J	197 J	130 J
Chromium, Hexavalent	20	20	6.07 UJ	6.7 UJ	2.4 J	5.38 UJ	4.39 J
Chromium, Trivalent	120000		18 J	74.3 J	221.6 J	197 J	125.61 J
Nickel	1600	23000	18.6	23 J	40.4 J	38.5 J	15.3 J
Thallium	5	79					
Vanadium	78	1100	17.8 J	33.4 J	58.6 J	48.9 J	17.2 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

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NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB93	174SB94	174SB95	174SB96	174SB97
	RDCSRS	NRDCSRS	174SB03-0.01-1.90	174SB03-0.01-1.91	174SB03-0.01-1.92	174SB03-0.01-1.93	174SB03-0.01-1.94
			232822	232823	232824	232825	232826
			9/6/1998	9/7/1998	9/8/1998	9/9/1998	9/10/1998
			0-91	0-92	0-93	0-94	0-95
Antimony	31	450	2.7 J	2.2 J	1.9 B	2.8 B	2.6 B
Beryllium	16	140	0.05 U	0.05 U	0.05 UJ	0.04 UJ	2.1
Cadmium	78	78	0.11 UJ	0.12 UJ	R	0.6 J	R
Chromium, Total	120000		24.3 J	39.6 J	17.1 J	46.7 J	42.8 J
Chromium, Hexavalent	20	20	5.86 UJ	6.2 UJ	5.26 UJ	3.09 J	5.01 J
Chromium, Trivalent	120000		24.3 J	39.6 J	17.1 J	43.61 J	37.79 J
Nickel	1600	23000	12.9 J	19.8 J	12.4	15.2	24.3
Thallium	5	79					
Vanadium	78	1100	25.6 J	24.1 J	20.6	23.4	29.1

Notes:

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Depths are presented in feet below ground surface (bgs).

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Table 5A
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 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB98	174SB99	174SB100	174SB101	174SB102
	RDCSRS	NRDCSRS	174SB03-0.01-1.95	174SB03-0.01-1.96	174SB03-0.01-1.97	174SB03-0.01-1.98	174SB03-0.01-1.99
			232827	232828	232829	232830	232831
			9/11/1998	9/12/1998	9/13/1998	9/14/1998	9/15/1998
			0-96	0-97	0-98	0-99	0-100
Antimony	31	450	3 B	2 B	1.8 B	7.1 JB	0.72 J
Beryllium	16	140	0.04 UJ	0.04 UJ	0.05 UJ	0.05 UJ	0.57 J
Cadmium	78	78	0.4 J	0.12 J	R	0.48 B	0.23 U
Chromium, Total	120000		112 J	8.3 J	4.8 J	6.5 EN*	55.4
Chromium, Hexavalent	20	20	6.21 J	5.56 UJ	5.61 UJ	6.69 UJ	5.28 UJ
Chromium, Trivalent	120000		105.79 J	8.3 J	4.8 J	6.5 EN*	55.4
Nickel	1600	23000	10.3	11.6	6 J	8.3	13.8
Thallium	5	79					
Vanadium	78	1100	13	13.8	7.4 J	10.8	24.1

Notes:

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Depths are presented in feet below ground surface (bgs).

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB103	174SB104	174SB105	174SB106	174SB107
	RDCSRS	NRDCSRS	174SB03-0.01-1.100	174SB03-0.01-1.101	174SB03-0.01-1.102	174SB03-0.01-1.103	174SB03-0.01-1.104
			232832	232833	232834	232835	232836
			9/16/1998	9/17/1998	9/18/1998	9/19/1998	9/20/1998
			0-101	0-102	0-103	0-104	0-105
Antimony	31	450	1.1 J	1.3 J	4.3 J	R	R
Beryllium	16	140	0.61 J	0.74 J	0.27 J	R	R
Cadmium	78	78	0.23 U	0.23 U	0.22 U	R	R
Chromium, Total	120000		67.4	35.9	62.2	R	R
Chromium, Hexavalent	20	20	7.08 J	4.07 J	5.47 UJ	5.66 UJ	6.05 UJ
Chromium, Trivalent	120000		60.32	31.83	62.2		
Nickel	1600	23000	15.8	20.4	13	R	R
Thallium	5	79					
Vanadium	78	1100	23.7	21.5	29.4	R	R

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

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Italic values indicate that the result exceeds the NRDCSRS.

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J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB108	174SB109	174SB110	174SB111	174SB112
	RDCSRS	NRDCSRS	174SB03-0.01-1.105	174SB03-0.01-1.106	174SB03-0.01-1.107	174SB03-0.01-1.108	174SB03-0.01-1.109
			232837	232838	232839	232840	232841
			9/21/1998	9/22/1998	9/23/1998	9/24/1998	9/25/1998
			0-106	0-107	0-108	0-109	0-110
Antimony	31	450	1 J	0.82 J	1.1 J	0.67 J	0.53 J
Beryllium	16	140	1.4	0.72 J	0.22 U	0.23 U	0.22 U
Cadmium	78	78	0.25 U	0.23 U	0.22 U	0.23 U	0.22 U
Chromium, Total	120000		18.8	15.2	13.7	7.4	6.2
Chromium, Hexavalent	20	20	5.28 UJ	3.15 J	6.54 UJ	5.43 UJ	6.73 UJ
Chromium, Trivalent	120000		18.8	12.05	13.7	7.4	6.2
Nickel	1600	23000	17.7	14.4	16.9	21.7	15.4
Thallium	5	79					
Vanadium	78	1100	29.5	22.4	16.5	13.1	28.7

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB113	174SB114	174SB115	174SB116	174SB117
	RDCSRS	NRDCSRS	174SB03-0.01-1.110	174SB03-0.01-1.111	174SB03-0.01-1.112	174SB03-0.01-1.113	174SB03-0.01-1.114
			232842	232843	232844	232845	232846
			9/26/1998	9/27/1998	9/28/1998	9/29/1998	9/30/1998
			0-111	0-112	0-113	0-114	0-115
Antimony	31	450	2 B	1.4 B	1.7 B	3.9 B	5.5 JB
Beryllium	16	140	0.05 UJ	0.04 UJ	0.05 UJ	1.3 J	0.07 J
Cadmium	78	78	0.32 J	R	R	R	R
Chromium, Total	120000		9.2 J	2.3 J	6.2 J	48.8 J	127 J
Chromium, Hexavalent	20	20	5.43 UJ	5.6 UJ	6.73 UJ	5.94 UJ	2.23 J
Chromium, Trivalent	120000		9.2 J	2.3 J	6.2 J	48.8 J	127 J
Nickel	1600	23000	9.9	5.1 J	7.9 J	48.6	24.3
Thallium	5	79					
Vanadium	78	1100	14	7.9 J	8.6 J	25 J	28.6 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB118	174SB119	174SB120	174SB121	174SB122
	RDCSRS	NRDCSRS	174SB03-0.01-1.115	174SB03-0.01-1.116	174SB03-0.01-1.117	174SB03-0.01-1.118	174SB03-0.01-1.119
			232847	232848	232849	232850	232851
			10/1/1998	10/2/1998	10/3/1998	10/4/1998	10/5/1998
			0-116	0-117	0-118	0-119	0-120
Antimony	31	450	4.6 JB	3.7 B	3 B	2.9 B	11.3 B
Beryllium	16	140	0.04 UJ	0.05 UJ	0.05 UJ	0.22 J	0.04 UJ
Cadmium	78	78	R	R	R	1.4 J	2.1 J
Chromium, Total	120000		99.4 J	24.6 J	31.9 J	R	R
Chromium, Hexavalent	20	20	5.82 UJ	6.47 UJ	6 UJ	5.77 UJ	2.01 J
Chromium, Trivalent	120000		99.4 J	24.6 J	31.9 J		
Nickel	1600	23000	44.6	23.8	39.1	R	R
Thallium	5	79					
Vanadium	78	1100	24.9 J	17.3 J	16.9 J	22.9 J	118 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB123	174SB124	174SB125	174SB126	174SB127
	RDCSRS	NRDCSRS	174SB03-0.01-1.120	174SB03-0.01-1.121	174SB03-0.01-1.122	174SB03-0.01-1.123	174SB03-0.01-1.124
			232852	232853	232854	232855	232856
			10/6/1998	10/7/1998	10/8/1998	10/9/1998	10/10/1998
			0-121	0-122	0-123	0-124	0-125
Antimony	31	450	3.4 B	4.4 B	3.5 B	4.2 B	3.9 B
Beryllium	16	140	0.05 UJ	0.05 UJ	0.05 UJ	0.12 J	0.04 UJ
Cadmium	78	78	1.9 J	0.81 J	0.76 J	1.9 J	1.1 J
Chromium, Total	120000		R	R	R	R	R
Chromium, Hexavalent	20	20	6.03 UJ	5.75 UJ	5.44 UJ	6.05 UJ	2.39 J
Chromium, Trivalent	120000						
Nickel	1600	23000	R	R	R	R	R
Thallium	5	79					
Vanadium	78	1100	29.3 J	12.5 J	14.4 J	15.9 J	29.4 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB128	174SB129	174SB130	174SB131	174SB132
	RDCSRS	NRDCSRS	174SB03-0.01-1.125	174SB03-0.01-1.126	174SB03-0.01-1.127	174SB03-0.01-1.128	174SB03-0.01-1.129
			232857	232858	232859	232860	232861
			10/11/1998	10/12/1998	10/13/1998	10/14/1998	10/15/1998
			0-126	0-127	0-128	0-129	0-130
Antimony	31	450	3.8 B	3.8 B	4.1 B	4.1 B	5.2 B
Beryllium	16	140	0.04 UJ	0.04 UJ	0.05 UJ	0.05 UJ	0.06 UJ
Cadmium	78	78	0.94 J	1.2 J	1.1 J	0.95 J	2.2 J
Chromium, Total	120000		R	R	R	R	R
Chromium, Hexavalent	20	20	5.57 J	5.6 UJ	2.36 J	6.63 UJ	7.22 UJ
Chromium, Trivalent	120000						
Nickel	1600	23000	R	R	R	R	R
Thallium	5	79					
Vanadium	78	1100	22.6 J	27.8 J	25.5 J	19.7 J	29 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

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NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

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* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB133	174SB134	174SB135	174SB136	174SB137
	RDCSRS	NRDCSRS	174SB03-0.01-1.130	174SB03-0.01-1.131	174SB03-0.01-1.132	174SB03-0.01-1.133	174SB03-0.01-1.134
			232862	232863	232864	232865	232866
			10/16/1998	10/17/1998	10/18/1998	10/19/1998	10/20/1998
			0-131	0-132	0-133	0-134	0-135
Antimony	31	450	1.3 J	1.5 J	1.6 J	1.5 J	1 J
Beryllium	16	140	6.3	31.8	0.05 U	0.05 U	0.05 U
Cadmium	78	78	R	R	1 J	R	0.89 J
Chromium, Total	120000		43 J	69.3 J	8.1 J	11.2 J	8.3 J
Chromium, Hexavalent	20	20	6.33 UJ	5.5 UJ	5.78 UJ	6.35 UJ	6.19 UJ
Chromium, Trivalent	120000		43 J	69.3 J	8.1 J	11.2 J	8.3 J
Nickel	1600	23000	40 J	53.6 J	13 J	24.3 J	12.9 J
Thallium	5	79					
Vanadium	78	1100	24.2 J	28.9 J	19.9 J	23.4 J	11.3 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

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NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

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* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB138	174SB139	174SB140	174SB141	174SB142
	RDCSRS	NRDCSRS	174SB03-0.01-1.135	174SB03-0.01-1.136	174SB03-0.01-1.137	174SB03-0.01-1.138	174SB03-0.01-1.139
			232867	232868	232869	232870	232871
			10/21/1998	10/22/1998	10/23/1998	10/24/1998	10/25/1998
			0-136	0-137	0-138	0-139	0-140
Antimony	31	450	1.6 J	0.86 J	2 J	1.1 J	0.83 UJ
Beryllium	16	140	0.04 U	1.5	0.05 U	0.05 U	0.05 U
Cadmium	78	78	0.11 UJ	0.11 UJ	0.12 UJ	0.12 UJ	0.46 J
Chromium, Total	120000		12.5 J	33 J	30 J	14.7 J	10.5 J
Chromium, Hexavalent	20	20	5.75 UJ	5.29 UJ	6.19 UJ	6.04 UJ	6.12 UJ
Chromium, Trivalent	120000		12.5 J	33 J	30 J	14.7 J	10.5 J
Nickel	1600	23000	20.6 J	51.9 J	471 J	17.3 J	12.5 J
Thallium	5	79					
Vanadium	78	1100	21.7 J	21.9 J	17.4 J	21.4 J	13.6 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

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NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB143	174SB144	174SB145	174SB146	174SB147
	RDCSRS	NRDCSRS	174SB03-0.01-1.140	174SB03-0.01-1.141	174SB03-0.01-1.142	174SB03-0.01-1.143	174SB03-0.01-1.144
			232872	232873	232874	232875	232876
			10/26/1998	10/27/1998	10/28/1998	10/29/1998	10/30/1998
			0-141	0-142	0-143	0-144	0-145
Antimony	31	450	2.5 B	5.2 B	3.4 B	3.2 B	3.6 B
Beryllium	16	140	0.95 J	24.2 J	3.5 J	0.05 UJ	0.05 UJ
Cadmium	78	78	R	R	R	R	R
Chromium, Total	120000		35.8 J	275 J	79.7 J	47.3 J	36.7 J
Chromium, Hexavalent	20	20	6.37 UJ	5.85 UJ	6.07 UJ	6.08 UJ	5.6 UJ
Chromium, Trivalent	120000		35.8 J	275 J	79.7 J	47.3 J	36.7 J
Nickel	1600	23000	36.6	330	84.8	20.4	15.5
Thallium	5	79					
Vanadium	78	1100	21 J	25.7 J	19.5 J	23.6 J	18 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB148	174SB149	174SB150	174SB151	174SB152
	RDCSRS	NRDCSRS	174SB03-0.01-1.145	174SB03-0.01-1.146	174SB03-0.01-1.147	174SB03-0.01-1.148	174SB03-0.01-1.149
			232877	232878	232879	232880	232881
			10/31/1998	11/1/1998	11/2/1998	11/3/1998	11/4/1998
			0-146	0-147	0-148	0-149	0-150
Antimony	31	450	2.1 B	2.6 B	3.8 B	5.2 B	8 R
Beryllium	16	140	0.05 UJ	0.45 J	38.3	2.9	0.08 UJ
Cadmium	78	78	0.8 J	1.9 J	6.6 J	1.5 J	5.1 J
Chromium, Total	120000		7.5 J	R	R	R	R
Chromium, Hexavalent	20	20	6.02 UJ	5.95 UJ	7.71 J	5.89 UJ	9.91 UJ
Chromium, Trivalent	120000		7.5 J				
Nickel	1600	23000	10.4	R	R	R	R
Thallium	5	79					
Vanadium	78	1100	9.4 J	30.7 J	14.9 J	60.7 J	35.8 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

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* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB153	174SB154	174SB155	174SB156	174SB157
	RDCSRS	NRDCSRS	174SB03-0.01-1.150	174SB03-0.01-1.151	174SB03-0.01-1.152	174SB03-0.01-1.153	174SB03-0.01-1.154
			232882	232883	232884	232885	232886
			11/5/1998	11/6/1998	11/7/1998	11/8/1998	11/9/1998
			0-151	0-152	0-153	0-154	0-155
Antimony	31	450	4 B	1.2 J	1.1 U	1.2 U	1.3 U
Beryllium	16	140	0.05 UJ	1.3 J	2.5 J	0.48 J	0.54 J
Cadmium	78	78	1.9 J	0.24 U	0.21 U	0.24 U	0.26 U
Chromium, Total	120000		R	42.1	69.1	22.2	32.8
Chromium, Hexavalent	20	20	6.12 UJ	2 U	2 U	2 U	2 U
Chromium, Trivalent	120000			42.1	69.1	22.2	32.8
Nickel	1600	23000	R	20.4	43.6	47.8	460
Thallium	5	79					
Vanadium	78	1100	20.9 J	33.8	28.7	22.3	111

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB158	174SB159	174SB160	174SB161	174SB162
	RDCSRS	NRDCSRS	174SB03-0.01-1.155	174SB03-0.01-1.156	174SB03-0.01-1.157	174SB03-0.01-1.158	174SB03-0.01-1.159
			232887	232888	232889	232890	232891
			11/10/1998	11/11/1998	11/12/1998	11/13/1998	11/14/1998
			0-156	0-157	0-158	0-159	0-160
Antimony	31	450	1.6 U	5.2 B	3.9 B	3.7 B	3.1 B
Beryllium	16	140	0.62 J	5.8	2	2.9	0.05 UJ
Cadmium	78	78	0.32 U	3.2 J	2.7 J	3.7 J	0.12 R
Chromium, Total	120000		76.3	R	R	R	17.8 J
Chromium, Hexavalent	20	20	2 U	2.75 J	5.95 UJ	6.1 UJ	4.93 J
Chromium, Trivalent	120000		76.3				12.9 J
Nickel	1600	23000	139	R	R	R	1300
Thallium	5	79					
Vanadium	78	1100	31.6	22 J	24.8 J	23.4 J	19.3 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

* - Indicates that the duplicate analysis is not within control limits.

Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB163	174SB164	174SB165	174SB166	174SB167
	RDCSRS	NRDCSRS	174SB03-0.01-1.160	174SB03-0.01-1.161	174SB03-0.01-1.162	174SB03-0.01-1.163	174SB03-0.01-1.164
			232892	232893	232894	232895	232896
			11/15/1998	11/16/1998	11/17/1998	11/18/1998	11/19/1998
			0-161	0-162	0-163	0-164	0-165
Antimony	31	450	3.1 B	2.6 B	1.1 U	2.7 B	1.3 J
Beryllium	16	140	0.05 UJ	0.17 B	0.57 J	0.61 J	0.23 U
Cadmium	78	78	0.12 R	1.7 J	0.74 J	1 J	0.65 J
Chromium, Total	120000		16.1 J	7.9 J	37.7	20.4	11.7
Chromium, Hexavalent	20	20	6.62 UJ	6.53 UJ	2 U	2 U	2 U
Chromium, Trivalent	120000		16.1 J	7.9 J	37.7	20.4	11.7
Nickel	1600	23000	1420	738	19.4	77.2	15.1
Thallium	5	79					
Vanadium	78	1100	14.8 J	9.9 J	24.7	25.9	14.9

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB168	174SB169	174SB170	174SB171	174SB172
	RDCSRS	NRDCSRS	174SB03-0.01-1.165	174SB03-0.01-1.166	174SB03-0.01-1.167	174SB03-0.01-1.168	174SB03-0.01-1.169
			232897	232898	232899	232900	232901
			11/20/1998	11/21/1998	11/22/1998	11/23/1998	11/24/1998
			0-166	0-167	0-168	0-169	0-170
Antimony	31	450	1.1 U	2.9 B	5.7 JB	4.8 JB	2.2 B
Beryllium	16	140	0.41 J	2.5	0.05 UJ	0.05 UJ	0.05 UJ
Cadmium	78	78	0.43 J	R	1 J	1.1 J	1.2 J
Chromium, Total	120000		14.3	61.3 UJ	11.3 J	12.1 J	27.2 J
Chromium, Hexavalent	20	20	2 UJ	5.34 UJ	9.78 J	6.79 J	6.48 UJ
Chromium, Trivalent	120000		14.3	61.3 UJ	1.52	12.1	27.2 J
Nickel	1600	23000	14.3	41.2	4550	1600	784
Thallium	5	79					
Vanadium	78	1100	21.6	21.4	134	16.3	10 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

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E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB173	174SB174	174SB175	174SB176	174SB177
	RDCSRS	NRDCSRS	174SB03-0.01-1.170	174SB03-0.01-1.171	174SB03-0.01-1.172	174SB03-0.01-1.173	174SB03-0.01-1.174
			232902	232903	232904	232905	232906
			11/25/1998	11/26/1998	11/27/1998	11/28/1998	11/29/1998
			0-171	0-172	0-173	0-174	0-175
Antimony	31	450	1.6 B	2.2 B	3.1 B	3.1 B	4.5 JB
Beryllium	16	140	0.22 J	0.2 J	0.05 UJ	3.2	2.2
Cadmium	78	78	R	R	1.1 J	0.82 J	3.3 J
Chromium, Total	120000		11.4 J	25.8 J	16.5 J	48.2 J	103 J
Chromium, Hexavalent	20	20	6.02 UJ	5.85 UJ	6.12 UJ	2.01 J	7.97 UJ
Chromium, Trivalent	120000		11.4 J	25.8 J	16.5 J	46.19 J	103 J
Nickel	1600	23000	15.7	14.1	140	72.8	240
Thallium	5	79					
Vanadium	78	1100	17.1	18.2	24.6	15.1	22.3

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

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E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB178	174SB179	174SB180	174SB181	174SB182
	RDCSRS	NRDCSRS	174SB03-0.01-1.175	174SB03-0.01-1.176	174SB03-0.01-1.177	174SB03-0.01-1.178	174SB03-0.01-1.179
			232907	232908	232909	232910	232911
			11/30/1998	12/1/1998	12/2/1998	12/3/1998	12/4/1998
			0-176	0-177	0-178	0-179	0-180
Antimony	31	450	3.2 B	3.5 J	2.2 J	0.81 UJ	0.92 UJ
Beryllium	16	140	8.2	9.1	1.5	0.05 U	0.05 U
Cadmium	78	78	1.5 J	0.11 UJ	3.4 J	0.11 UJ	0.13 UJ
Chromium, Total	120000		66.9 J	142 J	58.2 J	9.5 J	23.4 J
Chromium, Hexavalent	20	20	4.12 J	5.91 UJ	5.09 J	18.5 J	6.58 J
Chromium, Trivalent	120000		62.78 J	142 J	53.11 J	9	16.82 J
Nickel	1600	23000	296	152 J	212 J	4300 J	4090 J
Thallium	5	79					
Vanadium	78	1100	15.7	27.7 J	25.6 J	21.6 J	18.6 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB183	174SB184	174SB185	174SB186	174SB187
	RDCSRS	NRDCSRS	174SB03-0.01-1.180	174SB03-0.01-1.181	174SB03-0.01-1.182	174SB03-0.01-1.183	174SB03-0.01-1.184
			232912	232913	232914	232915	232916
			12/5/1998	12/6/1998	12/7/1998	12/8/1998	12/9/1998
			0-181	0-182	0-183	0-184	0-185
Antimony	31	450	0.88 UJ	11.6 JB	4.2 JB	2.6 B	2.3 B
Beryllium	16	140	0.05 U	0.41 B	0.05 U	0.05 U	0.12 B
Cadmium	78	78	0.7 J	1.3 J	R	1.2 J	R
Chromium, Total	120000		16.1 J	620 J	18 J	17.2 J	8.9 J
Chromium, Hexavalent	20	20	6.03 UJ	5.18 UJ	5.68 UJ	5.47 UJ	5.6 UJ
Chromium, Trivalent	120000		16.1 J	620 J	18 J	17.2 J	8.9 J
Nickel	1600	23000	24.3 J	48.5	21.8	24.4	13.6
Thallium	5	79					
Vanadium	78	1100	42.6 J	45.9 J	27.7 J	34.2 J	13.3 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB188	174SB189	174SB190	174SB191	174SB192
	RDCSRS	NRDCSRS	174SB03-0.01-1.185	174SB03-0.01-1.186	174SB03-0.01-1.187	174SB03-0.01-1.188	174SB03-0.01-1.189
			232917	232918	232919	232920	232921
			12/10/1998	12/11/1998	12/12/1998	12/13/1998	12/14/1998
			0-186	0-187	0-188	0-189	0-190
Antimony	31	450	2.7 B	4.7 JB	2.2 B	8 JB	2.5 J
Beryllium	16	140	0.19 B	0.04 U	0.19 B	0.07 U	1.7
Cadmium	78	78	0.34 J	R	0.35 J	4.6 J	R
Chromium, Total	120000		28.1 J	17.4 J	28.8 J	176 J	45.3 UJ
Chromium, Hexavalent	20	20	5.93 UJ	6.01 UJ	5.91 UJ	9.77 UJ	6.46 UJ
Chromium, Trivalent	120000		28.1 J	17.4 J	28.8 J	176 J	45.3 UJ
Nickel	1600	23000	998	22.2	1040	163	63.4
Thallium	5	79					
Vanadium	78	1100	23 J	27.2 J	23.8 J	37.3 J	27.3 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

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B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB193	174SB194	174SB195	174SB196	174SB197
	RDCSRS	NRDCSRS	174SB03-0.01-1.190	174SB03-0.01-1.191	174SB03-0.01-1.192	174SB03-0.01-1.193	174SB03-0.01-1.194
			232922	232923	232924	232925	232926
			12/15/1998	12/16/1998	12/17/1998	12/18/1998	12/19/1998
			0-191	0-192	0-193	0-194	0-195
Antimony	31	450	2.2 J	2.2 J	2.2 J	0.82 UJ	2.9 J
Beryllium	16	140	0.05 UJ	0.05 UJ	0.05 UJ	0.22 B	0.05 J
Cadmium	78	78	R	R	R	0.52 J	0.45 J
Chromium, Total	120000		17.5 J	18.3 J	24.8 J	10 J	73.6 J
Chromium, Hexavalent	20	20	5.84 UJ	6.22 UJ	5.95 UJ	6.03 UJ	5.87 UJ
Chromium, Trivalent	120000		17.5 J	18.3 J	24.8 J	10 J	73.6 J
Nickel	1600	23000	22	18.8	13.6	9.7 J	16.8 J
Thallium	5	79					
Vanadium	78	1100	82.1 J	23.4 J	18.8 J	12.7 J	19 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB198	174SB199	174SB200	174SB201	174SB202
	RDCSRS	NRDCSRS	174SB03-0.01-1.195	174SB03-0.01-1.196	174SB03-0.01-1.197	174SB03-0.01-1.198	174SB03-0.01-1.199
			232927	232928	232929	232930	232931
			12/20/1998	12/21/1998	12/22/1998	12/23/1998	12/24/1998
			0-196	0-197	0-198	0-199	0-200
Antimony	31	450	0.81 UJ	0.82 UJ	0.83 UJ	0.87 UJ	0.81 UJ
Beryllium	16	140	0.05 U	0.13 B	0.15 B	0.05 UJ	0.05 U
Cadmium	78	78	0.76 J	0.28 J	0.24 J	0.15 J	0.33 J
Chromium, Total	120000		24.6 J	6.4 J	5.4 J	3.9 J	6.3 J
Chromium, Hexavalent	20	20	6.12 UJ	5.53 UJ	6.27 UJ	6.57 UJ	5.37 UJ
Chromium, Trivalent	120000		24.6 J	6.4 J	5.4 J	3.9 J	6.3 J
Nickel	1600	23000	8.6 J	3.6 J	4.1 J	4.6 J	6.3 U
Thallium	5	79					
Vanadium	78	1100	11 J	5.1 J	4.6 J	8.1 J	14.4 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB203	174SB204	174SB205	174SB206	174SB207
	RDCSRS	NRDCSRS	174SB03-0.01-1.200	174SB03-0.01-1.201	174SB03-0.01-1.202	174SB03-0.01-1.203	174SB03-0.01-1.204
			232932	232933	232934	232935	232936
			12/25/1998	12/26/1998	12/27/1998	12/28/1998	12/29/1998
			0-201	0-202	0-203	0-204	0-205
Antimony	31	450	1.3 J	0.87 J	1.8 J	1.3 J	0.8 UJ
Beryllium	16	140	0.27 B	0.04 U	0.05 UJ	0.05 UJ	0.04 U
Cadmium	78	78	R	R	R	R	0.89 J
Chromium, Total	120000		27.7 J	13.4 J	19.5 J	6.3 J	14.1 J
Chromium, Hexavalent	20	20	5.76 UJ	5.09 UJ	5.87 UJ	6.3 UJ	8.6 J
Chromium, Trivalent	120000		27.7 J	13.4 J	19.5 J	6.3 J	5.5 J
Nickel	1600	23000	25.5 J	9.1 J	8.9 J	11.2	8.4 J
Thallium	5	79					
Vanadium	78	1100	20.5 J	2.3 J	5.9 J	10 J	8.4 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

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A blank result value indicates the analysis was not requested.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

Analyte	Location ID		174SB208	174SB209	174SB210	174SB211	174SB212
	RDCSRS	NRDCSRS	174SB03-0.01-1.205	174SB03-0.01-1.206	174SB03-0.01-1.207	174SB03-0.01-1.208	174SB03-0.01-1.209
			Lab ID	Lab ID	Lab ID	Lab ID	Lab ID
			Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled
			Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)
Antimony	31	450	5.7 JB	8.3 JB	7.4 B	17.8 J	8 JB
Beryllium	16	140	10.3	0.04 U	0.04 U	0.04 U	1.1 JB
Cadmium	78	78	R	R	R	R	R
Chromium, Total	120000		122 J	46.5 J	32.2 J	893 J	283 J
Chromium, Hexavalent	20	20	5.63 UJ	5.77 UJ	5.37 UJ	5.76 J	6.07 J
Chromium, Trivalent	120000		122 J	46.5 J	32.2 J	887.2 J	276.9 J
Nickel	1600	23000	151	57.8	45.6	42.3	46.7
Thallium	5	79					
Vanadium	78	1100	29.5 J	47.2 J	45.2 J	61.2 J	26 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

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Table 5A
 Soil Sample Data Summary - Kimball, 1998 - 2000
 Compared to NJDEP Residential and Non-Residential Soil Remediation Standards
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

		Location ID	174SB213	174SB214
		Sample ID	174SB03-0.01-1.210	174SB03-0.01-1.211
		Lab ID	232942	232943
		Date Sampled	1/4/1999	1/5/1999
		Sample Depth (ft)	0-211	0-212
Analyte	RDCSRS	NRDCSRS		
Antimony	31	450	17.7 J	18.1 J
Beryllium	16	140	0.99 JB	0.71 B
Cadmium	78	78	6.5 J	1.9 J
Chromium, Total	120000		830 J	937 J
Chromium, Hexavalent	20	20	10.8 UJ	8.42 UJ
Chromium, Trivalent	120000		830 J	937 J
Nickel	1600	23000	80.9	72.3
Thallium	5	79		
Vanadium	78	1100	80.8 J	69.3 J

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

RDCSRS = Residential Direct Contact Soil Remediation Standard.

NRDCSRS = Non-Residential Direct Contact Soil Remediation Standard.

Bold values indicate that the result exceeds the RDCSRS.

Italic values indicate that the result exceeds the NRDCSRS.

A blank result value indicates the analysis was not requested.

J - Indicates that the analyte was detected at a concentration less than the Method Detection Limit and is estimated.

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument

E - Indicates that the value is estimated because of the presence of interference.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

* - Indicates that the duplicate analysis is not within control limits.