

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB03 174SB03-0.01-1.0 232732 6/8/1998 0-1 8 | 174SB03 174SB03-4.0-5.0 232735 6/8/1998 4-5 8 | 174SB03 174SB03-7.0-8.0 232736 6/8/1998 7-8 8 | S004 (SB4 resample) S004000 88150 10/19/1999 0-1 5 | S004 (SB4 resample) S004020 55151 10/19/1999 2-3 5 |
|----------------------|---|---|--|--|---|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 3.5 J | 3.1 J | 1.9 J | 1.1 U | 3 B |
| Beryllium | 0.5 | 0.04 UJ | 0.04 UJ | 0.05 UJ | 0.95 J | 0.86 J |
| Cadmium | 1 | 1.3 J | 0.66 J | 0.71 J | 1.3 | 3.8 |
| Chromium, Total | | 27.8 J | 31.1 J | 20.5 J | 25.1 | 17.2 |
| Chromium, Hexavalent | | 5.62 UJ | 5.66 UJ | 5.9 UJ | 2 UJ | 2 UJ |
| Chromium, Trivalent | | 27.8 J | 31.1 J | 20.5 J | 25.1 | 17.2 |
| Nickel | 31 | 27 J | 15.3 J | 13.7 J | 21.6 | 29.7 |
| Thallium | 3 | | | | | |
| Vanadium | | 30.3 J | 39 J | 18 J | 29.2 | 29.9 |

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 DIGWSSL.

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 Detection Limit.

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

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 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | S004 (SB4 resample) S00402D 55152 10/19/1999 2-3 5 | S012 (SB12 resample) S012000 94503 1/11/2000 0-1 7 | S012 (SB12 resample) S012050 94506 1/11/2000 5-6 7 | 174SB07 174SB07D-5.0-6.0 232741 6/8/1998 5-6 8 | 174SB07 174SB07-7.0-8.0 232742 6/8/1998 7-8 8 |
|----------------------|---|---|---|---|---|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 1.6 B | 0.94 J | 0.47 U | 1.3 J | 4.7 J |
| Beryllium | 0.5 | 0.48 J | 1.2 J | 0.24 U | 0.04 UJ | 0.05 UJ |
| Cadmium | 1 | 2.3 | 0.25 U | 0.68 J | 0.97 J | 5.3 J |
| Chromium, Total | | 13.6 | 18.5 | 7.5 | 11.5 J | 29.3 J |
| Chromium, Hexavalent | | 2 UJ | 5.81 J | 6.71 U | 2.67 J | 6.67 UJ |
| Chromium, Trivalent | | 13.6 | 12.69 | 7.5 | 8.83 J | 29.3 J |
| Nickel | 31 | 21.5 | 15.3 | 10.6 | 18.1 J | 33.6 J |
| Thallium | 3 | | | | | |
| Vanadium | | 21.5 | 29 | 5.9 B | 14.8 J | 12.5 J |

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.

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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 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB08 174SB08-0.0-1.0 233270 6/10/1998 0-1 8 | 174SB08 174SB08-3.0-4.0 233271 6/10/1998 3-4 8 | 174SB08 174SB08D-3.0-4.0 233272 6/10/1998 3-4 8 | 174SB08 174SB08-7.0-8.0 233273 6/10/1998 7-8 8 | 174SB09 174SB09-0.0-1.0 231696 6/3/1998 0-1 7 |
|---|---|---|--|---|--|
| Analyte | DIGWSSL | | | | |
| Antimony | 6 | 4.1 JB | 3 B | 2.4 B | 1.5 B |
| Beryllium | 0.5 | 0.14 B | 0.17 B | 0.06 B | 0.05 U |
| Cadmium | 1 | R | R | R | 0.61 J |
| Chromium, Total | | 24.5 J | 16.6 J | 13.8 J | 8.1 J |
| Chromium, Hexavalent | | 5.87 UJ | 5.95 UJ | 5.63 U | 5.83 UJ |
| Chromium, Trivalent | | 54.5 J | 16.6 J | 13.8 J | 8.1 J |
| Nickel | 31 | 29.4 | 9.9 | 11.4 | 9 J |
| Thallium | 3 | | | | |
| Vanadium | | 38.2 J | 20.6 J | 19.9 J | 13.2 J |

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 DIGWSSL.
- 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 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID | 174SB09 | 174SB09 | 174SB10 | 174SB10 | 174SB10 |
|----------------------|----------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | Sample ID | 174SB09S-3.0-4.0 | 174SB09-6.0-7.0 | 174SB10-0.0-1.0 | 174SB10-3.0-4.0 | 174SB10-7.0-8.0 |
| | Lab ID | 231699 | 231700 | 232745 | 232746 | 232747 |
| | Date Sampled | 6/3/1998 | 6/3/1998 | 6/8/1998 | 6/8/1998 | 6/8/1998 |
| | Sample Depth (ft) | 3-4 | 6-7 | 0-1 | 3-4 | 7-8 |
| | Depth to Groundwater | 7 | 7 | 8 | 8 | 8 |
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 1.4 J | 0.8 UJ | 3.6 J | 2.2 J | 3.3 J |
| Beryllium | 0.5 | 0.04 U | 0.04 U | 0.04 UJ | 0.04 UJ | 0.06 UJ |
| Cadmium | 1 | 0.11 UJ | 0.51 J | 0.79 J | 1 J | 2 J |
| Chromium, Total | | 11.6 J | 5.7 J | 19.5 J | 37.3 J | 34.6 J |
| Chromium, Hexavalent | | 5.8 UJ | 5.49 UJ | 5.12 UJ | 5.34 UJ | 7.69 UJ |
| Chromium, Trivalent | | 11.6 J | 5.7 J | 19.5 J | 37.3 J | 34.6 J |
| Nickel | 31 | 16 J | 12.1 J | 19.6 J | 32.4 J | 39 J |
| Thallium | 3 | | | | | |
| Vanadium | | 18.3 J | 11.5 J | 30.8 J | 15.1 J | 20.2 J |

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.

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 Remedial Action Work Plan - Site 174

| | Location ID | 174SB11 | 174SB11 | 174SB13 | 174SB13 | 174SB13 |
|----------------------|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Sample ID | 174SB11-0.0-1.0 | 174SB11-2.0-2.5 | 174SB13-0.0-1.0 | 174SB13-5.0-6.0 | 174SB13-7.0-8.0 |
| | Lab ID | 232075 | 232076 | 232750 | 232751 | 232752 |
| | Date Sampled | 6/4/1998 | 6/4/1998 | 6/8/1998 | 6/8/1998 | 6/8/1998 |
| | Sample Depth (ft) | 0-1 | 2-2.5 | 0-1 | 5-6 | 7-8 |
| | Depth to Groundwater | 4 | 4 | 8 | 8 | 8 |
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 0.88 UJ | 0.82 UJ | 1.9 J | 1.9 J | 1.8 J |
| Beryllium | 0.5 | 0.53 B | 0.25 B | 0.04 UJ | 0.05 UJ | 0.05 UJ |
| Cadmium | 1 | R | 0.12 J | 1 J | 0.8 J | 0.79 J |
| Chromium, Total | | 13.6 J | 2.9 J | 14.3 J | 13.6 J | 10.5 J |
| Chromium, Hexavalent | | 6.05 UJ | 5.81 UJ | 5.73 UJ | 5.72 UJ | 6.25 UJ |
| Chromium, Trivalent | | 13.6 J | 2.9 J | 14.3 J | 13.6 J | 10.5 J |
| Nickel | 31 | 15.3 J | 4.7 J | 20.3 J | 23.7 J | 17.4 J |
| Thallium | 3 | | | | | |
| Vanadium | | 20 J | 7.7 J | 18.8 J | 17.6 J | 16.8 J |

Notes:

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- Depths are presented in feet below ground surface (bgs).
- Depth to groundwater based on Table 4, used to determine the unsaturated zone.
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Table 5B
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 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB14 174SB14-1.5-2.0 232070 6/4/1998 1.5-2 7 | 174SB14 174SB14-6.0-7.0 232071 6/4/1998 6-7 7 | S015 (SB15 resample) S015000 94510 1/11/2000 0-1 8 | S015 (SB15 resample) S015040 94511 1/11/2000 4-5 8 | 174SB16 174SB16-0.0-1.0 232050 6/4/1998 0-1 4 |
|----------------------|---|--|--|---|---|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 1.8 J | 3.7 J | 0.63 J | 0.48 U | 10.2 J |
| Beryllium | 0.5 | 0.04 U | 0.1 J | 0.88 J | 0.53 J | 0.05 U |
| Cadmium | 1 | 0.8 J | 0.37 J | 0.24 U | 0.24 U | R |
| Chromium, Total | | 60.2 J | 189 J | 21.6 | 21 | 484 J |
| Chromium, Hexavalent | | 5.39 UJ | 5.24 J | 5.44 UJ | 5.1 J | 8.9 J |
| Chromium, Trivalent | | 60.2 J | 183.76 J | 21.6 | 15.9 | 475.1 J |
| Nickel | 31 | 14.9 J | 10.1 J | 17 | 17.2 | 145 J |
| Thallium | 3 | | | | | |
| Vanadium | | 31.6 J | 9.6 J | 29.8 | 27.5 | 20.6 J |

Notes:

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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.

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Table 5B
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| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB16 174SB16-3.0-4.0 232053 6/4/1998 3-4 4 | S017 (SB17 resample) S017000 88030 10/18/1999 0-1 7 | S017 (SB17 resample) S017040 88031 10/18/1999 4-5 7 | S017 (SB17 resample) S017060 88032 10/18/1999 6-7 7 | 174SB18 174SB18-0.0-1.0 232057 6/4/1998 0-1 4 |
|----------------------|---|--|--|--|--|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 1.8 J | 1.2 U | 2 J | 1.3 J | 1.6 J |
| Beryllium | 0.5 | 0.05 U | 1.2 | 0.61 J | 0.53 J | 0.21 J |
| Cadmium | 1 | 0.79 J | 0.24 U | 0.23 U | 0.22 U | R |
| Chromium, Total | | 9.2 J | 19.7 | 91.4 | 175 | 24.4 J |
| Chromium, Hexavalent | | 6.14 UJ | 2 U | 2 UJ | 2 U | 6.34 UJ |
| Chromium, Trivalent | | 9.2 J | 19.7 | 91.4 | 172 | 24.4 J |
| Nickel | 31 | 10.1 J | 16.1 | 21.5 | 22.5 | 14 J |
| Thallium | 3 | | | | | |
| Vanadium | | 13.5 J | 26.1 | 26.4 | 32.9 | 24 J |

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Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB18 174SB18-3.0-4.0 232058 6/4/1998 3-4 4 | S020 (SB20 resample) S020002 88021 10/18/1999 0.2-1 7 | S020 (SB20 resample) S02000D 88022 10/18/1999 0.2-1 7 | S020 (SB20 resample) S02000D 88023 10/18/1999 1-2 7 | S020 (SB20 resample) S020034 88026 10/18/1999 3.4-4 7 |
|----------------------|---|--|--|--|--|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 7.6 J | 1.1 U | 1.2 U | 1.2 U | 14.8 |
| Beryllium | 0.5 | 0.05 U | 0.99 J | 1.1 J | 1.1 J | 0.41 J |
| Cadmium | 1 | 0.4 J | 0.23 U | 0.23 U | 0.23 U | 0.23 U |
| Chromium, Total | | 7.1 J | 75.7 | 79.9 | 180.3 | 564 |
| Chromium, Hexavalent | | 3.91 J | 2 U | 2 UJ | 6.67 J | 30.5 |
| Chromium, Trivalent | | 3.09 J | 75.7 | 79.9 | 180.3 | 533.5 |
| Nickel | 31 | 39.4 J | 25.2 | 25 | 36.6 | 23.3 |
| Thallium | 3 | | 1.6 U | 1.6 U | 1.6 U | |
| Vanadium | | 7.3 J | 1.9 | 36.6 | 48 | 23.5 |

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Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | S020 (SB20 resample) S020060 88027 10/18/1999 6-7 7 | 174SB22 174SB22-0.0-1.0 232061 6/4/1998 0-1 7 | 174SB22 174SB22-5.0-6.0 232062 6/4/1998 5-6 7 | 174SB23 174SB23-0.0-1.0 233156 6/10/1998 0-1 10 | 174SB23 174SB23-3.0-4.0 233157 6/10/1998 3-4 10 |
|----------------------|---|--|--|--|--|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 1.1 U | 3 J | 2.1 J | 5.2 JB | 8 JB |
| Beryllium | 0.5 | 0.63 J | 0.64 J | 0.05 U | 0.33 J | 0.05 J |
| Cadmium | 1 | 0.23 U | 1 J | 0.63 J | R | R |
| Chromium, Total | | 17.1 | 113 J | 25.4 J | 118 J | 348 J |
| Chromium, Hexavalent | | 2 U | 5.6 UJ | 3.3 J | 5.72 UJ | 4.73 J |
| Chromium, Trivalent | | 17.1 | 113 J | 22.1 J | 118 J | 343.27 J |
| Nickel | 31 | 24.4 | 35.1 J | 10.2 J | 36.7 | 23.6 |
| Thallium | 3 | | | | | |
| Vanadium | | 24.9 | 27.8 J | 12 J | 48.6 J | 22.7 J |

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| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB23 174SB23-7.0-8.0 233158 6/10/1998 7-8 10 | 174SB23 174SB23-9.0-10.0 233159 6/10/1998 9-10 10 | 174SB24 174SB24-0.0-1.0 231702 6/3/1998 0-1 7 | 174SB24 174SB24-1.0-2.0 231703 6/3/1998 1-2 7 | 174SB24 174SB24D-1.0-2.0 231704 6/3/1998 1-2 7 |
|----------------------|---|--|--|--|--|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 3.3 B | 3.6 B | 2.1 J | 5.3 J | 4.6 J |
| Beryllium | 0.5 | 0.05 UJ | 0.05 UJ | 0.36 J | 0.05 U | 0.05 U |
| Cadmium | 1 | 0.8 J | R | 0.13 UJ | 0.12 UJ | 0.11 UJ |
| Chromium, Total | | 14.6 J | 11.1 J | 74.3 J | 224 J | 197 J |
| Chromium, Hexavalent | | 6.11 UJ | 5.86 UJ | 6.7 UJ | 2.4 J | 5.38 UJ |
| Chromium, Trivalent | | 14.6 J | 11.1 J | 74.3 J | 221.6 J | 197 J |
| Nickel | 31 | 24.2 | 12.7 | 23 J | 40.4 J | 38.5 J |
| Thallium | 3 | | | | | |
| Vanadium | | 16.6 J | 6.7 J | 33.4 J | 58.6 J | 48.9 J |

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Depth to groundwater based on Table 4, used to determine the unsaturated zone.

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|----------------------|---|--|---|---|--|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 3.3 J | 1.9 B | 2.8 B | 2.6 B | 3 B |
| Beryllium | 0.5 | 0.05 U | 0.05 UJ | 0.04 UJ | 2.1 | 0.04 UJ |
| Cadmium | 1 | 0.92 J | R | 0.6 J | R | 0.4 J |
| Chromium, Total | | 130 J | 17.1 J | 46.7 J | 42.8 J | 112 J |
| Chromium, Hexavalent | | 4.39 J | 5.26 UJ | 3.09 J | 5.01 J | 6.21 J |
| Chromium, Trivalent | | 125.61 J | 17.1 J | 43.61 J | 37.79 J | 105.79 J |
| Nickel | 31 | 15.3 J | 12.4 | 15.2 | 24.3 | 10.3 |
| Thallium | 3 | | | | | |
| Vanadium | | 17.2 J | 20.6 | 23.4 | 29.1 | 13 |

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|----------------------|---|---|---|---|---|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 2 B | 0.72 J | 1.1 J | 1.3 J | 4.3 J |
| Beryllium | 0.5 | 0.04 UJ | 0.57 J | 0.61 J | 0.74 J | 0.27 J |
| Cadmium | 1 | 0.12 J | 0.23 U | 0.23 U | 0.23 U | 0.22 U |
| Chromium, Total | | 8.3 J | 55.4 | 67.4 | 35.9 | 62.2 |
| Chromium, Hexavalent | | 5.56 UJ | 5.28 UJ | 7.08 J | 4.07 J | 5.47 UJ |
| Chromium, Trivalent | | 8.3 J | 55.4 | 60.32 | 31.83 | 62.2 |
| Nickel | 31 | 11.6 | 13.8 | 15.8 | 20.4 | 13 |
| Thallium | 3 | | | | | |
| Vanadium | | 13.8 | 24.1 | 23.7 | 21.5 | 29.4 |

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 DIGWSSL.

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 Detection Limit.

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | S027 (SB27 resample) S027000 94517 1/11/2000 0-1 10 | S027 (SB27 resample) S027040 94518 1/11/2000 4-5 10 | S027 (SB27 resample) S027080 94519 1/11/2000 8-9 10 | S027 (SB27 resample) S027100 94520 1/11/2000 10-11 10 | 174SB27 174SB27-10.0-11.0 232811 6/9/1998 10-11 10 |
|----------------------|---|--|--|--|--|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 1 J | 0.82 J | 1.1 J | 0.67 J | 2 B |
| Beryllium | 0.5 | 1.4 | 0.72 J | 0.22 U | 0.23 U | 0.05 UJ |
| Cadmium | 1 | 0.25 U | 0.23 U | 0.22 U | 0.23 U | 0.32 J |
| Chromium, Total | | 18.8 | 15.2 | 13.7 | 7.4 | 9.2 J |
| Chromium, Hexavalent | | 5.28 UJ | 3.15 J | 6.54 UJ | 5.43 UJ | 5.43 UJ |
| Chromium, Trivalent | | 18.8 | 12.05 | 13.7 | 7.4 | 9.2 J |
| Nickel | 31 | 17.7 | 14.4 | 16.9 | 21.7 | 9.9 |
| Thallium | 3 | | | | | |
| Vanadium | | 29.5 | 22.4 | 16.5 | 13.1 | 14 |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB28 174SB28-0.0-1.0 233143 6/10/1998 0-1 8 | 174SB28 174SB28-3.0-4.0 233146 6/10/1998 3-4 8 | 174SB28 174SB28D-3.0-4.0 233147 6/10/1998 3-4 8 | 174SB28 174SB28-7.0-8.0 233148 6/10/1998 7-8 8 | 174SB28 174SB28-8.0-8.4 233149 6/10/1998 8-8.4 8 |
|---|---|---|--|---|---|
| Analyte | DIGWSSL | | | | |
| Antimony | 6 | 3.9 B | 5.5 JB | 4.6 JB | 3.7 B |
| Beryllium | 0.5 | 1.3 J | 0.07 J | 0.04 UJ | 0.05 UJ |
| Cadmium | 1 | R | R | R | R |
| Chromium, Total | | 48.8 J | 127 J | 99.4 J | 24.6 J |
| Chromium, Hexavalent | | 5.94 UJ | 2.23 J | 5.82 UJ | 6.47 UJ |
| Chromium, Trivalent | | 48.8 J | 127 J | 99.4 J | 24.6 J |
| Nickel | 31 | 48.6 | 24.3 | 44.6 | 23.8 |
| Thallium | 3 | | | | |
| Vanadium | | 25 J | 28.6 J | 24.9 J | 17.3 J |
| | | | | | 16.9 J |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB29 174SB29-0.0-1.0 233092 6/10/1998 0-1 10 | 174SB29 174SB29-3.0-4.0 233093 6/10/1998 3-4 10 | 174SB29 174SB29-6.0-7.0 233094 6/10/1998 6-7 10 | 174SB29 174SB29-9.0-10.0 233095 6/10/1998 9-10 10 | 174SB30 174SB30-0.0-1.0 233084 6/10/1998 0-1 8 |
|----------------------|---|--|--|--|--|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 2.9 B | 11.3 B | 3.4 B | 4.4 B | 3.9 B |
| Beryllium | 0.5 | 0.22 J | 0.04 UJ | 0.05 UJ | 0.05 UJ | 0.04 UJ |
| Cadmium | 1 | 1.4 J | 2.1 J | 1.9 J | 0.81 J | 1.1 J |
| Chromium, Total | | R | R | R | R | R |
| Chromium, Hexavalent | | 5.77 UJ | 2.01 J | 6.03 UJ | 5.75 UJ | 2.39 J |
| Chromium, Trivalent | | | | | | |
| Nickel | 31 | R | R | R | R | R |
| Thallium | 3 | | | | | |
| Vanadium | | 22.9 J | 118 J | 29.3 J | 12.5 J | 29.4 J |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB30 174SB30-5.0-6.0 233087 6/10/1998 5-6 8 | 174SB30 174SB30D-5.0-6.0 233088 6/10/1998 5-6 8 | 174SB30 174SB30-7.0-8.0 233089 6/10/1998 7-8 8 | 174SB31 174SB31-0.0-1.0 232065 6/4/1998 0-1 4 | 174SB31 174SB31D-0.0-1.0 232066 6/4/1998 0-1 4 |
|----------------------|---|---|--|---|--|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 3.8 B | 3.8 B | 4.1 B | 1.3 J | 1.5 J |
| Beryllium | 0.5 | 0.04 UJ | 0.04 UJ | 0.05 UJ | 6.3 | 31.8 |
| Cadmium | 1 | 0.94 J | 1.2 J | 1.1 J | R | R |
| Chromium, Total | | R | R | R | 43 J | 69.3 J |
| Chromium, Hexavalent | | 5.57 J | 5.6 UJ | 2.36 J | 6.33 UJ | 5.5 UJ |
| Chromium, Trivalent | | | | | 43 J | 69.3 J |
| Nickel | 31 | R | R | R | 40 J | 53.6 J |
| Thallium | 3 | | | | | |
| Vanadium | | 22.6 J | 27.8 J | 25.5 J | 24.2 J | 28.9 J |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB31 174SB31-2.0-2.5 232067 6/4/1998 2-2.5 4 | 174SB32 174SB32-1.0-2.0 231708 6/3/1998 1-2 8 | 174SB32 174SB32-6.5-7.0 231709 6/3/1998 6.5-7 8 | 174SB33 174SB33-0.0-1.0 233150 6/10/1998 0-1 10 | 174SB33 174SB33-2.0-2.8 233151 6/10/1998 2-2.8 10 |
|----------------------|---|--|--|--|--|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 1.6 J | 1.6 J | 0.86 J | 2.5 B | 5.2 B |
| Beryllium | 0.5 | 0.05 U | 0.04 U | 1.5 | 0.95 J | 24.2 J |
| Cadmium | 1 | 1 J | 0.11 UJ | 0.11 UJ | R | R |
| Chromium, Total | | 8.1 J | 12.5 J | 33 J | 35.8 J | 275 J |
| Chromium, Hexavalent | | 5.78 UJ | 5.75 UJ | 5.29 UJ | 6.37 UJ | 5.85 UJ |
| Chromium, Trivalent | | 8.1 J | 12.5 J | 33 J | 35.8 J | 275 J |
| Nickel | 31 | 13 J | 20.6 J | 51.9 J | 36.6 | 330 |
| Thallium | 3 | | | | | |
| Vanadium | | 19.9 J | 21.7 J | 21.9 J | 21 J | 25.7 J |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB33 174SB33-5.0-6.0 233152 6/10/1998 5-6 10 | 174SB33 174SB33-9.0-10.0 233153 6/10/1998 9-10 10 | 174SB34 174SB34-0.0-1.0 233098 6/10/1998 0-1 8 | 174SB34 174SB34-3.0-4.0 233099 6/10/1998 3-4 8 | 174SB34 174SB34-7.0-8.0 233100 6/10/1998 7-8 8 |
|----------------------|---|--|--|---|---|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 3.4 B | 3.2 B | 2.6 B | 3.8 B | 5.2 B |
| Beryllium | 0.5 | 3.5 J | 0.05 UJ | 0.45 J | 38.3 | 2.9 |
| Cadmium | 1 | R | R | 1.9 J | 6.6 J | 1.5 J |
| Chromium, Total | | 79.7 J | 47.3 J | R | R | R |
| Chromium, Hexavalent | | 6.07 UJ | 6.08 UJ | 5.95 UJ | 7.71 J | 5.89 UJ |
| Chromium, Trivalent | | 79.7 J | 47.3 J | | | |
| Nickel | 31 | 84.8 | 20.4 | R | R | R |
| Thallium | 3 | | | | | |
| Vanadium | | 19.5 J | 23.6 J | 30.7 J | 14.9 J | 60.7 J |

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 DIGWSSL.

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 Detection Limit.

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | S035 (SB35 resample) S035000 88035 10/18/1999 0-1 7 | S035 (SB35 resample) S035040 88036 10/18/1999 4-5 7 | S035 (SB35 resample) S035060 88037 10/18/1999 6-7 7 | 174SB36 174SB36-0.0-1.0 233103 6/10/1998 0-1 10 | 174SB36 174SB36-4.0-5.0 233104 6/10/1998 4-5 10 |
|----------------------|---|--|--|--|--|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 1.2 J | 1.1 U | 1.2 U | 5.2 B | 3.9 B |
| Beryllium | 0.5 | 1.3 J | 2.5 J | 0.48 J | 5.8 | 2 |
| Cadmium | 1 | 0.24 U | 0.21 U | 0.24 U | 3.2 J | 2.7 J |
| Chromium, Total | | 42.1 | 69.1 | 22.2 | R | R |
| Chromium, Hexavalent | | 2 U | 2 U | 2 U | 2.75 J | 5.95 UJ |
| Chromium, Trivalent | | 42.1 | 69.1 | 22.2 | | |
| Nickel | 31 | 20.4 | 43.6 | 47.8 | R | R |
| Thallium | 3 | | | | | |
| Vanadium | | 33.8 | 28.7 | 22.3 | 22 J | 24.8 J |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB36 174SB34-36-7.0-8.0 233105 6/10/1998 7-8 10 | 174SB36 174SB36-9.0-10.0 233140 6/10/1998 9-10 10 | S037 (SB37 resample) S037000 88144 10/19/1999 0-1 7 | S037 (SB37 resample) S037050 88147 10/19/1999 5-6 7 | S037 (SB37 resample) S037070 88148 10/19/1999 7-8 7 |
|----------------------|---|---|--|--|--|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 3.7 B | 3.1 B | 1.1 U | 2.7 B | 1.3 J |
| Beryllium | 0.5 | 2.9 | 0.05 UJ | 0.57 J | 0.61 J | 0.23 U |
| Cadmium | 1 | 3.7 J | 0.12 R | 0.74 J | 1 J | 0.65 J |
| Chromium, Total | | R | 17.8 J | 37.7 | 20.4 | 11.7 |
| Chromium, Hexavalent | | 6.1 UJ | 4.93 J | 2 U | 2 U | 2 U |
| Chromium, Trivalent | | | 12.9 J | 37.7 | 20.4 | 11.7 |
| Nickel | 31 | R | 1300 | 19.4 | 77.2 | 15.1 |
| Thallium | 3 | | | | | |
| Vanadium | | 23.4 J | 19.3 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).

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 DIGWSSL.

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 Detection Limit.

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB38 174SB38-0.0-1.0 232823 6/9/1998 0-1 8 | 174SB38 174SB38-5.0-6.0 232824 6/9/1998 5-6 8 | 174SB39 174SB39-0.0-1.0 232827 6/9/1998 0-1 10 | 174SB39 174SB39D-0.0-1.0 232828 6/9/1998 0-1 10 | 174SB39 174SB39-3.0-4.0 232829 6/9/1998 3-4 10 |
|----------------------|---|--|--|---|--|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 2.9 B | 5.7 JB | 1.6 B | 2.2 B | 3.1 B |
| Beryllium | 0.5 | 2.5 | 0.05 UJ | 0.22 J | 0.2 J | 0.05 UJ |
| Cadmium | 1 | R | 1 J | R | R | 1.1 J |
| Chromium, Total | | 61.3 UJ | 11.3 J | 11.4 J | 25.8 J | 16.5 J |
| Chromium, Hexavalent | | 5.34 UJ | 9.78 J | 6.02 UJ | 5.85 UJ | 6.12 UJ |
| Chromium, Trivalent | | 61.3 UJ | 1.52 | 11.4 J | 25.8 J | 16.5 J |
| Nickel | 31 | 41.2 | 4550 | 15.7 | 14.1 | 140 |
| Thallium | 3 | | | | | |
| Vanadium | | 21.4 | 134 | 17.1 | 18.2 | 24.6 |

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 DIGWSSL.

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 Detection Limit.

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB39 174SB39-9.0-10.0 232830 6/9/1998 9-10 10 | 174SB40 174SB40-0.0-1.0 231713 6/3/1998 0-1 8 | 174SB40 174SB40-4.0-5.0 231714 6/3/1998 4-5 8 | 174SB40 174SB40-7.0-8.0 231715 6/3/1998 7-8 8 | 174SB41 174SB41-0.0-1.0 233288 6/11/1998 0-1 Unknown |
|----------------------|---|---|--|--|--|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 3.1 B | 3.5 J | 2.2 J | 0.81 UJ | 11.6 JB |
| Beryllium | 0.5 | 3.2 | 9.1 | 1.5 | 0.05 U | 0.41 B |
| Cadmium | 1 | 0.82 J | 0.11 UJ | 3.4 J | 0.11 UJ | 1.3 J |
| Chromium, Total | | 48.2 J | 142 J | 58.2 J | 9.5 J | 620 J |
| Chromium, Hexavalent | | 2.01 J | 5.91 UJ | 5.09 J | 18.5 J | 5.18 UJ |
| Chromium, Trivalent | | 46.19 J | 142 J | 53.11 J | 9 | 620 J |
| Nickel | 31 | 72.8 | 152 J | 212 J | 4300 J | 48.5 |
| Thallium | 3 | | | | | |
| Vanadium | | 15.1 | 27.7 J | 25.6 J | 21.6 J | 45.9 J |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB41 174SB41-3.0-4.0 233289 6/11/1998 3-4 Unknown | 174SB41 174SB41-8.0-9.0 233290 6/11/1998 8-9 Unknown | 174SB41 174SB41-9.0-10.0 233291 6/11/1998 9-10 Unknown | 174SB42 174SB42-0.0-1.0 233284 6/11/1998 0-1 > 8 | 174SB42 174SB42-3.0-4.0 233285 6/11/1998 3-4 > 8 |
|----------------------|---|---|---|---|---|---|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 4.2 JB | 2.6 B | 2.3 B | 2.7 B | 4.7 JB |
| Beryllium | 0.5 | 0.05 U | 0.05 U | 0.12 B | 0.19 B | 0.04 U |
| Cadmium | 1 | R | 1.2 J | R | 0.34 J | R |
| Chromium, Total | | 18 J | 17.2 J | 8.9 J | 28.1 J | 17.4 J |
| Chromium, Hexavalent | | 5.68 UJ | 5.47 UJ | 5.6 UJ | 5.93 UJ | 6.01 UJ |
| Chromium, Trivalent | | 18 J | 17.2 J | 8.9 J | 28.1 J | 17.4 J |
| Nickel | 31 | 21.8 | 24.4 | 13.6 | 998 | 22.2 |
| Thallium | 3 | | | | | |
| Vanadium | | 27.7 J | 34.2 J | 13.3 J | 23 J | 27.2 J |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB42 174SB42-7.0-8.0 233286 6/11/1998 7-8 > 8 | 174SB42 174SB42-10.0-11.0 233287 6/11/1998 10-11 > 8 | 174SB43 174SB43-0.0-1.0 232113 6/5/1998 0-1 Unknown | 174SB43 174SB43-2.0-3.0 232114 6/5/1998 2-3 Unknown | 174SB43 174SB43-5.0-6.0 232115 6/5/1998 5-6 Unknown |
|----------------------|---|---|---|--|--|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 2.2 B | 8 JB | 2.5 J | 2.2 J | 2.2 J |
| Beryllium | 0.5 | 0.19 B | 0.07 U | 1.7 | 0.05 UJ | 0.05 UJ |
| Cadmium | 1 | 0.35 J | 4.6 J | R | R | R |
| Chromium, Total | | 28.8 J | 176 J | 45.3 UJ | 17.5 J | 18.3 J |
| Chromium, Hexavalent | | 5.91 UJ | 9.77 UJ | 6.46 UJ | 5.84 UJ | 6.22 UJ |
| Chromium, Trivalent | | 28.8 J | 176 J | 45.3 UJ | 17.5 J | 18.3 J |
| Nickel | 31 | 1040 | 163 | 63.4 | 22 | 18.8 |
| Thallium | 3 | | | | | |
| Vanadium | | 23.8 J | 37.3 J | 27.3 J | 82.1 J | 23.4 J |

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 DIGWSSL.

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 Detection Limit.

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID Sample ID Lab ID Date Sampled Sample Depth (ft) Depth to Groundwater | 174SB43 174SB43-6.0-7.0 232116 6/5/1998 6-7 Unknown | 174SB44 174SB44-0.0-1.0 232084 6/5/1998 0-1 7 | 174SB44 174SB44-5.0-6.0 232085 6/5/1998 5-6 7 | 174SB44 174SB44-6.0-7.0 232086 6/5/1998 6-7 7 | 174SB44 174SB44-7.0-8.0 232087 6/5/1998 7-8 7 |
|----------------------|---|--|--|--|--|--|
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 2.2 J | 0.82 UJ | 2.9 J | 0.81 UJ | 0.82 UJ |
| Beryllium | 0.5 | 0.05 UJ | 0.22 B | 0.05 J | 0.05 U | 0.13 B |
| Cadmium | 1 | R | 0.52 J | 0.45 J | 0.76 J | 0.28 J |
| Chromium, Total | | 24.8 J | 10 J | 73.6 J | 24.6 J | 6.4 J |
| Chromium, Hexavalent | | 5.95 UJ | 6.03 UJ | 5.87 UJ | 6.12 UJ | 5.53 UJ |
| Chromium, Trivalent | | 24.8 J | 10 J | 73.6 J | 24.6 J | 6.4 J |
| Nickel | 31 | 13.6 | 9.7 J | 16.8 J | 8.6 J | 3.6 J |
| Thallium | 3 | | | | | |
| Vanadium | | 18.8 J | 12.7 J | 19 J | 11 J | 5.1 J |

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 DIGWSSL.

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 Detection Limit.

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID | 174SB44 | 174SB45 | 174SB45 | 174SB45 | 174SB46 |
|----------------------|----------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | Sample ID | 174SB44D-7.0-8.0 | 174SB45-0.0-1.0 | 174SB45-4.5-5.0 | 174SB45-8.5-9.0 | 174SB46-0.0-1.0 |
| | Lab ID | 232088 | 232091 | 232092 | 232112 | 233277 |
| | Date Sampled | 6/5/1998 | 6/5/1998 | 6/5/1998 | 6/5/1998 | 6/11/1998 |
| | Sample Depth (ft) | 7-8 | 0-1 | 4.5-5 | 8.5-9 | 0-1 |
| | Depth to Groundwater | 7 | 9 | 9 | 9 | NA |
| Analyte | DIGWSSL | | | | | |
| Antimony | 6 | 0.83 UJ | 1.3 J | 0.87 J | 1.8 J | 5.7 JB |
| Beryllium | 0.5 | 0.15 B | 0.27 B | 0.04 U | 0.05 UJ | 10.3 |
| Cadmium | 1 | 0.24 J | R | R | R | R |
| Chromium, Total | | 5.4 J | 27.7 J | 13.4 J | 19.5 J | 122 J |
| Chromium, Hexavalent | | 6.27 UJ | 5.76 UJ | 5.09 UJ | 5.87 UJ | 5.63 UJ |
| Chromium, Trivalent | | 5.4 J | 27.7 J | 13.4 J | 19.5 J | 122 J |
| Nickel | 31 | 4.1 J | 25.5 J | 9.1 J | 8.9 J | 151 |
| Thallium | 3 | | | | | |
| Vanadium | | 4.6 J | 20.5 J | 2.3 J | 5.9 J | 29.5 J |

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

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID | 174SB46 | 174SB46 | 174SB46 | 174SB46 |
|----------------------|----------------------|-----------------|------------------|-----------------|------------------|
| | Sample ID | 174SB46-3.0-4.0 | 174SB46D-3.0-4.0 | 174SB46-7.0-8.0 | 174SB46-9.0-10.0 |
| | Lab ID | 233278 | 233279 | 233280 | 233281 |
| | Date Sampled | 6/11/1998 | 6/11/1998 | 6/11/1998 | 6/11/1998 |
| | Sample Depth (ft) | 3-4 | 3-4 | 7-8 | 9-10 |
| | Depth to Groundwater | NA | NA | NA | NA |
| Analyte | DIGWSSL | | | | |
| Antimony | 6 | 8.3 JB | 7.4 B | 17.8 J | 8 JB |
| Beryllium | 0.5 | 0.04 U | 0.04 U | 0.04 U | 1.1 JB |
| Cadmium | 1 | R | R | R | R |
| Chromium, Total | | 46.5 J | 32.2 J | 893 J | 283 J |
| Chromium, Hexavalent | | 5.77 UJ | 5.37 UJ | 5.76 J | 6.07 J |
| Chromium, Trivalent | | 46.5 J | 32.2 J | 887.2 J | 276.9 J |
| Nickel | 31 | 57.8 | 45.6 | 42.3 | 46.7 |
| Thallium | 3 | | | | |
| Vanadium | | 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).
- 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 DIGWSSL.
- 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 Detection Limit.
- R - Indicates that the result for this analyte has been rejected.

Table 5B
 Soil Sample Data Summary - Kimball, 1998 - 2000
 PPG Non-Residential Chromium Remediation Project
 Remedial Action Work Plan - Site 174

| | Location ID | 174SB46 | 174SB46 |
|----------------------|----------------------|-------------------|-------------------|
| | Sample ID | 174SB46-13.2-14.0 | 174SB46-15.0-16.0 |
| | Lab ID | 233282 | 233283 |
| | Date Sampled | 6/11/1998 | 6/11/1998 |
| | Sample Depth (ft) | 13.2-14 | 15-16 |
| | Depth to Groundwater | NA | NA |
| Analyte | DIGWSSL | | |
| Antimony | 6 | 17.7 J | 18.1 J |
| Beryllium | 0.5 | 0.99 JB | 0.71 B |
| Cadmium | 1 | 6.5 J | 1.9 J |
| Chromium, Total | | 830 J | 937 J |
| Chromium, Hexavalent | | 10.8 UJ | 8.42 UJ |
| Chromium, Trivalent | | 830 J | 937 J |
| Nickel | 31 | 80.9 | 72.3 |
| Thallium | 3 | | |
| Vanadium | | 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).
- 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 DIGWSSL.
- 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 Detection Limit.
- R - Indicates that the result for this analyte has been rejected.