Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_D019_0.0 | 460-23391-1 | 2/23/2011 | 0.0 | 0.5 | 0.88 U | 4 | 45.8 | 4 | 1.2 | 1 | 13.4 | 4 | 0.97 U | 4 | 29.3 | 4 | NA | 571 | 7.33 | NA | NA |
| 107_D019_4.0 | 460-23391-2 | 2/23/2011 | 4.0 | 4.5 | 1 U | 4 | 7.0 | 4 | 0.6 U | 1 | 10.6 | 4 | 1.1 U | 4 | 10 | 4 | NA | 562 | 6.01 | NA | NA |
| 107_D019_8.0† | 460-23391-3 | 2/23/2011 | 8.0 | 8.5 | 0.98 U | 4 | 20.7 | 4 | 0.56 U | 1 | 14.0 | 4 | 1.1 U | 4 | 29.4 | 4 | NA | 514 | 7.62 | NA | NA |
| REP-022311-1† | 460-23391-22 | 2/23/2011 | 8.0 | 8.5 | 0.87 U | 4 | 23.9 | 4 | 4.6 | 1 | 13.7 | 4 | 0.95 U | 4 | 32.9 | 4 | NA | 516 | 7.83 | NA | NA |
| 107_D019_12.0 | 460-23391-4 | 2/23/2011 | 12.0 | 12.5 | 0.92 U | 4 | 19.5 | 4 | 0.55 U | 1 | 11.2 | 4 | 1 U | 4 | 21.3 | 4 | NA | 517 | 7.84 | NA | NA |
| 107_D021_0.0 | 460-23116-15 | 2/15/2011 | 0.0 | 0.5 | 0.22 | 4 | 79.4 | 4 | 0.73 | 1 | 31.7 | 4 | 1 U | 4 | 33.4 | 4 | NA | 487 | 8.13 | NA | NA |
| 107_D021_2.5 | 460-23116-16 | 2/15/2011 | 2.5 | 3.0 | 0.054 | 4 | 41.1 | 4 | 0.61 U | 1 | 21.8 | 4 | 1.1 U | 4 | 32.4 | 4 | NA | 424 | 7.54 | NA | NA |
| 107_D021_6.5 | 460-23116-17 | 2/15/2011 | 6.5 | 7.0 | 1 U | 4 | 8.1 | 4 | 0.6 U | 1 | 10.8 | 4 | 1.1 U | 4 | 11.3 | 4 | NA | 425 | 7.32 | NA | NA |
| 107_D021_10.5 | 460-23116-18 | 2/15/2011 | 10.5 | 11.0 | 0.96 U | 4 | 18.4 | 4 | 0.54 U | 1 | 11.5 | 4 | 1.1 U | 4 | 18.8 | 4 | NA | 431 | 7.74 | NA | NA |
| 107_D023_0.0 | 460-23077-33 | 2/14/2011 | 0.0 | 0.5 | 0.89 U | 4 | 105 | 4 | 2.8 | 1 | 15.5 | 4 | 0.98 U | 4 | 57.1 | 4 | NA | 472 | 8.58 | NA | NA |
| 107_D023_3.5 | 460-23077-34 | 2/14/2011 | 3.5 | 4.0 | 6.2 | 4 | 334 | 4 | 2.1 | 1 | 10.0 | 4 | 0.99 U | 4 | 12.5 | 4 | NA | 443 | 8.15 | NA | NA |
| 107_D023_7.0 | 460-23077-35 | 2/14/2011 | 7.0 | 7.5 | 1.1 U | 4 | 11.7 | 4 | 0.62 U | 1 | 10.2 | 4 | 1.2 U | 4 | 16.5 | 4 | NA | 453 | 7.9 | NA | NA |
| 107_D023_11.0 | 460-23077-36 | 2/14/2011 | 11.0 | 12.0 | 0.95 U | 4 | 15.2 | 4 | 0.58 U | 1 | 10.6 | 4 | 1 U | 4 | 18.4 | 4 | NA | 443 | 8.06 | NA | NA |
| 107_D023_15.0 | 460-23077-37 | 2/14/2011 | 15.0 | 15.5 | 0.97 U | 4 | 23.2 | 4 | 2.3 | 1 | 17.1 | 4 | 1.1 U | 4 | 26.7 | 4 | NA | 452 | 8.02 | NA | NA |
| 107_D025_0.0 | 460-23116-20 | 2/15/2011 | 0.0 | 0.5 | 0.95 U | 4 | 193 | 4 | 3.9 | 1 | 21.7 | 4 | 1 U | 4 | 41 | 4 | NA | 170 | 11.7 | NA | NA |
| 107_D025_3.5 | 460-23116-21 | 2/15/2011 | 3.5 | 4.0 | 0.043 | 4 | 239 | 4 | 0.75 | 1 | 22.9 | 4 | 1 U | 4 | 33.4 | 4 | NA | 434 | 8.27 | NA | NA |
| 107_D025_7.5 | 460-23116-22 | 2/15/2011 | 7.5 | 8.0 | 0.053 | 4 | 186 | 4 | 0.80 | 1 | 22.1 | 4 | 1.1 U | 4 | 31.8 | 4 | NA | 417 | 8.25 | NA | NA |
| 107_D025_11.5 | 460-23116-23 | 2/15/2011 | 11.5 | 12.0 | 0.041 | 4 | 495 | 4 | 1.1 | 1 | 29.6 | 4 | 1.2 U | 4 | 59.1 | 4 | NA | 381 | 9 | NA | NA |
| 107_D025_15.5 | 460-23116-24 | 2/15/2011 | 15.5 | 16.0 | 0.95 U | 4 | 15.3 | 4 | 0.55 U | 1 | 13.0 | 4 | 1 U | 4 | 17 | 4 | NA | 391 | 8.4 | NA | NA |
| 107_D025_19.5 | 460-23116-25 | 2/15/2011 | 19.5 | 20.0 | 1 U | 4 | 12.3 | 4 | 0.56 U | 1 | 15.5 | 4 | 1.1 U | 4 | 12.4 | 4 | NA | 408 | 7.98 | NA | NA |
| 107_E026A_0.0 | 460-23077-27 | 2/14/2011 | 0.0 | 0.5 | 0.86 U | 4 | 13.3 | 4 | 0.51 U | 1 | 10.9 | 4 | 0.95 U | 4 | 39.9 | 4 | NA | 478 | 8.39 | NA | NA |
| 107_E026A_4.5 | 460-23077-28 | 2/14/2011 | 4.5 | 5.0 | 0.95 U | 4 | 269 | 4 | 0.79 | 1 | 34.2 | 4 | 1 U | 4 | 61.9 | 4 | NA | 471 | 8.47 | NA | NA |
| 107_E026A_7.0 | 460-23077-29 | 2/14/2011 | 7.0 | 7.5 | 1 U | 4 | 33.3 | 4 | 0.63 U | 1 | 50.6 | 4 | 1.1 U | 4 | 16.5 | 4 | NA | 506 | 7.88 | NA | NA |
| 107_E026A_11.0 | 460-23077-30 | 2/14/2011 | 11.0 | 11.5 | 1.1 U | 4 | 19.9 | 4 | 0.59 U | 1 | 8.8 | 4 | 1.2 U | 4 | 21 | 4 | NA | 499 | 7.55 | NA | NA |
| 107_E026A_15.0 | 460-23077-31 | 2/14/2011 | 15.0 | 15.5 | 0.94 U | 4 | 24.6 | 4 | 0.56 U | 1 | 12.2 | 4 | 1 U | 4 | 23 | 4 | NA | 489 | 7.85 | NA | NA |
| 107_E027_0.0 | 460-23077-22 | 2/14/2011 | 0.0 | 0.5 | 0.94 U | 4 | 8.2 | 4 | 0.55 U | 1 | 10.8 | 4 | 1 U | 4 | 34.7 | 4 | NA | 451 | 8.41 | NA | NA |
| 107_E027_2.5† | 460-23077-23 | 2/14/2011 | 2.5 | 3.0 | 0.98 U | 4 | 116 | 4 | 1.0 | 1 | 17.0 | 4 | 1.1 U | 4 | 55.6 | 4 | NA | 456 | 8.39 | NA | NA |
| REP021411-3† | 460-23077-32 | 2/14/2011 | 2.5 | 3.0 | 0.97 U | 4 | 110 | 4 | 1.7 | 1 | 18.3 | 4 | 1.1 U | 4 | 55.3 | 4 | NA | 484 | 8.34 | NA | NA |
| 107_E027_7.5 | 460-23077-24 | 2/14/2011 | 7.5 | 8.0 | 3.2 | 4 | 59.0 | 4 | 5.1 | 1 | 27.1 | 4 | 1.3 U | 4 | 28.3 | 4 | NA | 374 | 7.64 | NA | NA |
| 107_E027_11.5 | 460-23077-25 | 2/14/2011 | 11.5 | 12.0 | 0.97 U | 4 | 15.5 | 4 | 0.57 U | 1 | 15.6 | 4 | 1.1 U | 4 | 21.1 | 4 | NA | 475 | 8.05 | NA | NA |
| 107_E027_15.5 | 460-23077-26 | 2/14/2011 | 15.5 | 16.0 | 0.98 U | 4 | 20.7 | 4 | 0.56 U | 1 | 14.1 | 4 | 1.1 U | 4 | 24.3 | 4 | NA | 477 | 7.8 | NA | NA |
| 107_E028A_0.0 | 460-23077-14 | 2/14/2011 | 0.0 | 0.5 | 0.96 U | 4 | 17.3 | 4 | 0.57 U | 1 | 15.9 | 4 | 1.1 U | 4 | 62.3 | 4 | NA | 430 | 8.89 | NA | NA |
| 107_E028A_3.5 | 460-23077-15 | 2/14/2011 | 3.5 | 4.0 | 10.8 | 4 | 31.1 | 4 | 0.56 U | 1 | 39.9 | 4 | 1.1 U | 4 | **195** | 4 | NA | 436 | 8.48 | NA | NA |
| 107_E028A_6.0 | 460-23077-16 | 2/14/2011 | 6.0 | 6.5 | 2.4 | 4 | 74.9 | 4 | 0.67 | 1 | 144 | 4 | 1.2 U | 4 | 24.9 | 4 | NA | 438 | 8.39 | NA | NA |
| 107_E028A_9.0 | 460-23077-17 | 2/14/2011 | 9.0 | 9.5 | 0.96 U | 4 | 14.2 | 4 | 0.55 U | 1 | 11.4 | 4 | 1.1 U | 4 | 21 | 4 | NA | 433 | 8.29 | NA | NA |
| 107_E028A_10.0 | 460-23077-18 | 2/14/2011 | 10.0 | 10.5 | 1.1 U | 4 | 14.4 | 4 | 0.62 U | 1 | 73.9 | 4 | 1.2 U | 4 | 16.7 | 4 | NA | 438 | 8.04 | NA | NA |
| 107_E028A_14.0 | 460-23077-19 | 2/14/2011 | 14.0 | 14.5 | 0.95 U | 4 | 15.5 | 4 | 0.55 U | 1 | 13.5 | 4 | 1 U | 4 | 22.5 | 4 | NA | 505 | 7.98 | NA | NA |
| 107_E028A_18.0 | 460-23077-20 | 2/14/2011 | 18.0 | 18.5 | 0.93 U | 4 | 15.0 | 4 | 0.54 U | 1 | 13.3 | 4 | 1 U | 4 | 21.1 | 4 | NA | 502 | 7.81 | NA | NA |
| 107_E029_0.0 | 460-23077-8 | 2/14/2011 | 0.0 | 0.5 | 0.94 U | 4 | 38.2 | 4 | 5.0 | 1 | 21.4 | 4 | 1 U | 4 | 46.2 | 4 | NA | 405 | 8.5 | NA | NA |
| 107_E029_3.5 | 460-23077-9 | 2/14/2011 | 3.5 | 4.0 | **44.9** | 4 | 91.5 | 4 | 3.0 | 1 | 33.7 | 4 | 1.1 U | 4 | 45.3 | 4 | NA | 522 | 8.49 | NA | NA |

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**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_E029_7.5 | 460-23077-10 | 2/14/2011 | 7.5 | 8.0 | 1.2 U | 4 | 17.0 | 4 | 0.68 U | 1 | 71.7 | 4 | 1.3 U | 4 | 19.6 | 4 | NA | 513 | 7.86 | NA | NA |
| 107_E029_10.5 | 460-23077-11 | 2/14/2011 | 10.5 | 11.0 | 1 U | 4 | 13.3 | 4 | 0.62 U | 1 | 47.6 | 4 | 1.1 U | 4 | 13.2 | 4 | NA | 434 | 7.97 | NA | NA |
| 107_E029_14.5 | 460-23077-12 | 2/14/2011 | 14.5 | 15.0 | 0.97 U | 4 | 14.2 | 4 | 0.56 U | 1 | 14.4 | 4 | 1.1 U | 4 | 22 | 4 | NA | 429 | 8.09 | NA | NA |
| 107_E029_18.5 | 460-23077-13 | 2/14/2011 | 18.5 | 19.0 | 0.96 U | 4 | 18.3 | 4 | 0.56 U | 1 | 14.0 | 4 | 1.1 U | 4 | 22 | 4 | NA | 435 | 8.24 | NA | NA |
| 107_E031_0.0 | 460-23077-1 | 2/14/2011 | 0.0 | 0.5 | 0.87 U | 4 | 27.7 | 4 | 0.60 | 1 | 15.3 | 4 | 0.96 U | 4 | 48.5 | 4 | NA | 485 | 8.66 | NA | NA |
| 107_E031_3.5† | 460-23077-2 | 2/14/2011 | 3.5 | 4.0 | 1 U | 4 | 18.6 | 4 | 0.59 U | 1 | 49.9 | 4 | 1.1 U | 4 | 19.8 | 4 | NA | 489 | 8.55 | NA | NA |
| REP021411-1† | 460-23077-7 | 2/14/2011 | 3.5 | 4.0 | 0.98 U | 4 | 19.6 | 4 | 0.58 U | 1 | 53.4 | 4 | 1.1 U | 4 | 19.9 | 4 | NA | 406 | 9.25 | NA | NA |
| 107_E031_6.5 | 460-23077-3 | 2/14/2011 | 6.5 | 7.0 | 5.5 | 4 | 19.4 | 4 | 1.2 | 1 | 15.7 | 4 | 1 U | 4 | 29 | 4 | NA | 366 | 10.6 | NA | NA |
| 107_E031_11.5 | 460-23077-4 | 2/14/2011 | 11.5 | 12.0 | 1.1 U | 4 | 39.3 | 4 | 1.7 | 1 | **2,220** | 10 | 1.2 U | 4 | 15.8 | 4 | NA | 388 | 7.82 | NA | NA |
| 107_E031_15.5† | 460-23077-5 | 2/14/2011 | 15.5 | 16.0 | 1.1 U | 4 | 15.0 | 4 | 0.62 U | 1 | 18.3 | 4 | 1.2 U | 4 | 20.1 | 4 | NA | 424 | 7.48 | NA | NA |
| REP021411-2† | 460-23077-21 | 2/14/2011 | 0.0 | 0.0 | 1.1 U | 4 | 16.6 | 4 | 0.60 U | 1 | 24.8 | 4 | 1.2 U | 4 | 25.1 | 4 | NA | 486 | 7.27 | NA | NA |
| 107_E031_19.5 | 460-23077-6 | 2/14/2011 | 19.5 | 20.0 | 0.97 U | 4 | 12.2 | 4 | 0.55 U | 1 | 13.6 | 4 | 1.1 U | 4 | 18 | 4 | NA | 402 | 8.47 | NA | NA |
| 107_E034_0.0 | 460-22465-24 | 1/25/2011 | 0.0 | 0.5 | 1.5 | 4 | 85.8 | 4 | 0.55 U | 1 | 26.1 | 4 | 1 U | 4 | 47.5 | 4 | NA | 329 | 8.31 | NA | NA |
| 107_E034_3.5† | 460-22465-25 | 1/25/2011 | 3.5 | 4.0 | 0.99 U | 4 | 39.6 | 4 | 2.6 | 1 | 43.1 | 4 | 1.1 U | 4 | 22 | 4 | NA | 322 | 9.24 | NA | NA |
| REP012511-2† | 460-22465-35 | 1/25/2011 | 3.5 | 4.0 | 1.9 | 4 | 100 | 4 | 3.1 | 1 | 51.1 | 4 | 1.1 U | 4 | 21.9 | 4 | NA | 340 | 9.58 | NA | NA |
| 107_E034_7.5 | 460-22465-26 | 1/25/2011 | 7.5 | 8.0 | 1 U | 4 | 62.2 | 4 | 1.9 | 1 | 44.6 | 4 | 1.1 U | 4 | 18.8 | 4 | NA | 302 | 9.56 | NA | NA |
| 107_E034_10.5 | 460-22465-27 | 1/25/2011 | 10.5 | 11.0 | 1.2 U | 4 | 11.1 | 4 | 0.76 U | 1 | 69.8 | 4 | 1.4 U | 4 | 11.5 | 4 | NA | 312 | 8.56 | NA | NA |
| 107_E034_14.5 | 460-22465-28 | 1/25/2011 | 14.5 | 15.0 | 1.2 U | 4 | 16.9 | 4 | 0.69 U | 1 | 12.7 | 4 | 1.3 U | 4 | 18.6 | 4 | NA | 151 | 7.03 | NA | NA |
| 107_E034_18.5 | 460-22465-29 | 1/25/2011 | 18.5 | 19.0 | 1.1 U | 4 | 9.3 | 4 | 0.66 U | 1 | 9.8 | 4 | 1.2 U | 4 | 10.4 | 4 | NA | 364 | 7.74 | NA | NA |
| 107_E036_3.0 | 460-30033-22 | 8/16/2011 | 3.0 | 3.5 | NA | - | NA | - | 2.3 | 1 | NA | - | NA | - | NA | - | NA | 406 | 8.59 | NA | NA |
| 107_E036_3.5† | 460-30033-23 | 8/16/2011 | 3.5 | 4.0 | NA | - | NA | - | **39.5** | 1 | NA | - | NA | - | NA | - | NA | 353 | 9.85 | NA | NA |
| REP081611-2† | 460-30033-59 | 8/16/2011 | 3.5 | 4.0 | NA | - | NA | - | **35.9** | 1 | NA | - | NA | - | NA | - | NA | 404 | 9.23 | NA | NA |
| 107_E036_4.0 | 460-30033-24 | 8/16/2011 | 4.0 | 4.5 | NA | - | NA | - | **1,370** | 50 | NA | - | NA | - | NA | - | NA | 296 | 10.9 | NA | NA |
| 107_F035_3.0 | 460-30033-7 | 8/16/2011 | 3.0 | 3.5 | NA | - | NA | - | **25.0** | 1 | NA | - | NA | - | NA | - | NA | 418 | 8.78 | NA | NA |
| 107_F035_3.5 | 460-30033-8 | 8/16/2011 | 3.5 | 4.0 | NA | - | NA | - | **20.6** | 1 | NA | - | NA | - | NA | - | NA | 377 | 9.59 | NA | NA |
| 107_F035_4.0 | 460-30033-9 | 8/16/2011 | 4.0 | 4.5 | NA | - | NA | - | 6.3 | 1 | NA | - | NA | - | NA | - | NA | 382 | 9.43 | NA | NA |
| 107_F036_3.5 | 460-27429-9 | 6/7/2011 | 3.5 | 4.0 | NA | - | NA | - | **48.1** | 1 | NA | - | NA | - | **195** | 4 | NA | 380 | 9.74 | NA | NA |
| 107_F036_5.0 | 460-27429-10 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | 0.56 U | 1 | NA | - | NA | - | 25.2 | 4 | NA | 366 | 8.6 | NA | NA |
| 107_F036_6.0 | 460-27429-11 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | 0.72 U | 1 | NA | - | NA | - | 21.5 | 4 | NA | 320 | 10.8 | NA | NA |
| 107_F036E_3.5 | 460-30033-2 | 8/16/2011 | 3.5 | 4.0 | NA | - | NA | - | 4.5 | 1 | NA | - | NA | - | NA | - | NA | 434 | 8.67 | NA | NA |
| 107_F036S_3.0 | 460-30033-19 | 8/16/2011 | 3.0 | 3.5 | NA | - | NA | - | 6.2 | 1 | NA | - | NA | - | NA | - | NA | 406 | 8.74 | NA | NA |
| 107_F036S_3.5 | 460-30033-20 | 8/16/2011 | 3.5 | 4.0 | NA | - | NA | - | **82.9** | 5 | NA | - | NA | - | NA | - | NA | 385 | 9.23 | NA | NA |
| 107_F036S_4.0 | 460-30033-21 | 8/16/2011 | 4.0 | 4.5 | NA | - | NA | - | **2,220** | 200 | NA | - | NA | - | NA | - | NA | 321 | 10.7 | NA | NA |
| 107_F036W_3.0 | 460-30033-25 | 8/16/2011 | 3.0 | 3.5 | NA | - | NA | - | 5.6 | 1 | NA | - | NA | - | NA | - | NA | 325 | 9.65 | NA | NA |
| 107_F036W_3.5 | 460-30033-26 | 8/16/2011 | 3.5 | 4.0 | NA | - | NA | - | **785** | 50 | NA | - | NA | - | NA | - | NA | 365 | 9.71 | NA | NA |
| 107_F036W_4.0 | 460-30033-27 | 8/16/2011 | 4.0 | 4.5 | NA | - | NA | - | **7,830** | 200 | NA | - | NA | - | NA | - | NA | 270 | 11.5 | NA | NA |
| 107_F037_4.5 | 460-30033-4 | 8/16/2011 | 4.5 | 5.0 | NA | - | NA | - | **500** | 25 | NA | - | NA | - | NA | - | NA | 420 | 9.27 | NA | NA |
| 107_F037_5.0 | 460-30033-5 | 8/16/2011 | 5.0 | 5.5 | NA | - | NA | - | **55.1** | 1 | NA | - | NA | - | NA | - | NA | 413 | 9.22 | NA | NA |
| 107_F037_5.5 | 460-30033-6 | 8/16/2011 | 5.5 | 6.0 | NA | - | NA | - | 7.8 | 1 | NA | - | NA | - | NA | - | NA | 408 | 9.04 | NA | NA |
| 107_F037E_4.5 | 460-29983-23 | 8/15/2011 | 4.5 | 5.0 | NA | - | NA | - | **46.8** | 1 | NA | - | NA | - | NA | - | NA | 433 | 8.35 | NA | NA |

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| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_F037E_5.0 | 460-29983-25 | 8/15/2011 | 5.0 | 5.5 | NA | - | NA | - | **52.2** | 1 | NA | - | NA | - | NA | - | NA | 379 | 9.48 | NA | NA |
| 107_F037E_6.0 | 460-29983-24 | 8/15/2011 | 6.0 | 6.5 | NA | - | NA | - | **48.6** | 1 | NA | - | NA | - | NA | - | NA | 385 | 9.51 | NA | NA |
| 107_F037E_6.5 | 460-29983-26 | 8/15/2011 | 6.5 | 7.0 | NA | - | NA | - | **33.7** | 1 | NA | - | NA | - | NA | - | NA | 353 | 9.97 | NA | NA |
| 107_F037E_7.5 | 460-29983-27 | 8/15/2011 | 7.5 | 8.0 | NA | - | NA | - | **26.0** | 1 | NA | - | NA | - | NA | - | NA | 266 | 11.6 | NA | NA |
| 107_F037E_8.5 | 460-29983-28 | 8/15/2011 | 8.5 | 9.0 | NA | - | NA | - | 0.61 U | 1 | NA | - | NA | - | NA | - | NA | 425 | 8.34 | NA | NA |
| 107_F038_4.5 | 460-29983-15 | 8/15/2011 | 4.5 | 5.0 | NA | - | NA | - | 8.8 | 1 | NA | - | NA | - | NA | - | NA | 270 | 11.3 | NA | NA |
| 107_F038_5.0† | 460-29983-16 | 8/15/2011 | 5.0 | 5.5 | NA | - | NA | - | **22.1** | 1 | NA | - | NA | - | NA | - | NA | 377 | 9.15 | NA | NA |
| REP081511-1† | 460-29983-31 | 8/15/2011 | 5.0 | 5.5 | NA | - | NA | - | 16.9 | 1 | NA | - | NA | - | NA | - | NA | 376 | 8.56 | NA | NA |
| 107_F038_6.0 | 460-27429-29 | 8/15/2011 | 6.0 | 6.5 | NA | - | NA | - | 2.9 | 1 | NA | - | NA | - | **243** | 4 | NA | 402 | 8.71 | NA | NA |
| 107_F038_6.5† | 460-29983-18 | 8/15/2011 | 6.5 | 7.0 | NA | - | NA | - | 2.8 | 1 | NA | - | NA | - | NA | - | NA | 440 | 8.87 | NA | NA |
| REP081511-2† | 460-29983-32 | 8/15/2011 | 6.5 | 7.0 | NA | - | NA | - | 3 | 1 | NA | - | NA | - | NA | - | NA | 429 | 8.82 | NA | NA |
| 107_F038_7.5 | 460-29983-19 | 8/15/2011 | 7.5 | 8.0 | NA | - | NA | - | 5.2 | 1 | NA | - | NA | - | NA | - | NA | 438 | 8.86 | NA | NA |
| 107_F038_8.5 | 460-29983-21 | 8/15/2011 | 8.5 | 9.0 | NA | - | NA | - | 4.6 | 1 | NA | - | NA | - | NA | - | NA | 437 | 8.77 | NA | NA |
| 107_F038_9.0 | 460-29983-20 | 8/15/2011 | 9.0 | 9.5 | NA | - | NA | - | 3.6 | 1 | NA | - | NA | - | NA | - | NA | 439 | 8.73 | NA | NA |
| 107_F038_10.0 | 460-29983-22 | 8/15/2011 | 10.0 | 10.5 | NA | - | NA | - | 1.3 | 1 | NA | - | NA | - | NA | - | NA | 395 | 9.36 | NA | NA |
| 107_F039_4.0 | 460-27429-13 | 6/7/2011 | 4.0 | 4.5 | NA | - | NA | - | 4.8 | 1 | NA | - | NA | - | NA | - | NA | 351 | 8.72 | NA | NA |
| 107_F039_4.5 | 460-27429-18 | 6/7/2011 | 4.5 | 5.0 | NA | - | NA | - | 18.6 | 1 | NA | - | NA | - | NA | - | NA | 285 | 9.28 | NA | NA |
| 107_F039_5.0 | 460-27429-14 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | **7,910** | 200 | NA | - | NA | - | NA | - | NA | 284 | 11.3 | NA | NA |
| 107_F039_6.0 | 460-27429-15 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | **7,120** | 200 | NA | - | NA | - | NA | - | NA | 266 | 11.4 | NA | NA |
| 107_F039_6.5 | 460-27429-23 | 6/7/2011 | 6.5 | 7.0 | NA | - | NA | - | **2,480** | 200 | NA | - | NA | - | NA | - | NA | 292 | 11.4 | NA | NA |
| 107_F039_7.5 | 460-27429-16 | 6/7/2011 | 7.5 | 8.0 | NA | - | NA | - | **887** | 50 | NA | - | NA | - | NA | - | NA | 267 | 11.4 | NA | NA |
| 107_F039_8.5 | 460-27429-17 | 6/7/2011 | 8.5 | 9.0 | NA | - | NA | - | **365** | 25 | NA | - | NA | - | NA | - | NA | 266 | 11.2 | NA | NA |
| 107_F039W_4.5 | 460-29983-7 | 8/15/2011 | 4.5 | 5.0 | NA | - | NA | - | 6.0 | 1 | NA | - | NA | - | NA | - | NA | 381 | 9.35 | NA | NA |
| 107_F039W_5.0 | 460-29983-8 | 8/15/2011 | 5.0 | 5.5 | NA | - | NA | - | **51.1** | 1 | NA | - | NA | - | NA | - | NA | 365 | 9.37 | NA | NA |
| 107_F039W_6.0 | 460-29983-9 | 8/15/2011 | 6.0 | 6.5 | NA | - | NA | - | **1,850** | 100 | NA | - | NA | - | NA | - | NA | 329 | 10.4 | NA | NA |
| 107_F039W_6.5 | 460-29983-10 | 8/15/2011 | 6.5 | 7.0 | NA | - | NA | - | **2,360** | 100 | NA | - | NA | - | NA | - | NA | 303 | 11.0 | NA | NA |
| 107_F039W_7.5 | 460-29983-11 | 8/15/2011 | 7.5 | 8.0 | NA | - | NA | - | **4,760** | 100 | NA | - | NA | - | NA | - | NA | 290 | 10.9 | NA | NA |
| 107_F039W_8.5 | 460-29983-12 | 8/15/2011 | 8.5 | 9.0 | NA | - | NA | - | **135** | 5 | NA | - | NA | - | NA | - | NA | 239 | 12.0 | NA | NA |
| 107_F039W_9.0 | 460-29983-13 | 8/15/2011 | 9.0 | 9.5 | NA | - | NA | - | **645** | 25 | NA | - | NA | - | NA | - | NA | 293 | 11.1 | NA | NA |
| 107_F039W_10.0 | 460-29983-14 | 8/15/2011 | 10.0 | 10.5 | NA | - | NA | - | **1,340** | 50 | NA | - | NA | - | NA | - | NA | 290 | 11.2 | NA | NA |
| 107_F040_0.0 | 460-22638-1 | 1/31/2011 | 0.0 | 0.5 | 0.86 U | 4 | 17.1 | 4 | 0.52 U | 1 | 17.6 | 4 | 0.95 U | 4 | 35.1 | 4 | NA | 396 | 8.31 | NA | NA |
| 107_F040_3.5 | 460-22638-2 | 1/31/2011 | 3.5 | 4.0 | 1.3 | 4 | 37.2 | 4 | 0.57 U | 1 | 50.8 | 4 | 1.1 U | 4 | **84.7** | 4 | NA | 364 | 8.04 | NA | NA |
| 107_F040_5.5 | 460-22638-3 | 1/31/2011 | 5.5 | 6.0 | 1.9 | 4 | 82.8 | 4 | 0.56 U | 1 | 46.6 | 4 | 1.1 U | 4 | 45.8 | 4 | NA | 369 | 7.95 | NA | NA |
| 107_F040_6.0 | 460-22638-4 | 1/31/2011 | 6.0 | 6.5 | 14.4 | 10 | 4870 | 10 | **218** | 5 | 453 | 10 | 3 U* | 10 | **817** | 10 | NA | 254 | 11.1 | NA | NA |
| 107_F040_6.5 | 460-22638-5 | 1/31/2011 | 6.5 | 7.0 | 6.6 | 4 | 1830 | 4 | **183** | 5 | 178 | 4 | 1.1 U | 4 | **351** | 4 | NA | 266 | 11 | NA | NA |
| 107_F040_7.5 | 460-22638-6 | 1/31/2011 | 7.5 | 8.0 | 3.8 | 4 | 668 | 4 | **61.2** | 1 | 101 | 4 | 1.2 U | 4 | **121** | 4 | NA | 266 | 10.7 | NA | NA |
| 107_F040_11.5 | 460-22638-7 | 1/31/2011 | 11.5 | 12.0 | 1.5 | 4 | 224 | 4 | 0.83 U | 1 | 636 | 4 | 1.6 U | 4 | 45.2 | 4 | NA | 139 | 8.04 | NA | NA |
| 107_F040_15.0 | 460-22638-8 | 1/31/2011 | 15.0 | 15.5 | 1.4 U | 4 | 15.6 | 4 | 0.81 U | 1 | 61.6 | 4 | 1.5 U | 4 | 25.9 | 4 | NA | 138 | 7.19 | NA | NA |
| 107_F040_19.0 | 460-22638-9 | 1/31/2011 | 19.0 | 19.5 | 1.2 U | 4 | 18.1 | 4 | 0.71 U | 1 | 93.0 | 4 | 1.3 U | 4 | 28.3 | 4 | NA | 365 | 7.52 | NA | NA |
| 107_F040_22.5 | 460-22638-10 | 1/31/2011 | 22.5 | 23.0 | 1 U | 4 | 7.1 | 4 | 0.59 U | 1 | 6.6 | 4 | 1.1 U | 4 | 9.7 | 4 | NA | 381 | 7.83 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NJDEP SRS NRDCSRS | mg/kg **450** | NJDEP SRS NRDCSRS | mg/kg **NC** | NJDEP SRS NRDCSRS | mg/kg **20** | NJDEP SRS NRDCSRS | mg/kg **23,000** | NJDEP SRS NRDCSRS | mg/kg **79** | NJDEP SRS NRDCSRS | mg/kg **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_F040E_5.0 | 460-27475-1 | 6/8/2011 | 5.0 | 5.5 | NA | - | NA | - | **229** | 5 | NA | - | NA | - | NA | - | 0.37 U | 387 | 9.39 | 30800 | 3.5 U |
| 107_F040E_5.5 | 460-27475-2 | 6/8/2011 | 5.5 | 6.0 | NA | - | NA | - | **626** | 50 | NA | - | NA | - | NA | - | NA | 366 | 10.3 | NA | NA |
| 107_F040E_6.0 | 460-27475-3 | 6/8/2011 | 6.0 | 6.5 | NA | - | NA | - | **1,360** | 50 | NA | - | NA | - | NA | - | NA | 329 | 11.1 | NA | NA |
| 107_F040E_6.5 | 460-27475-4 | 6/8/2011 | 6.5 | 7.0 | NA | - | NA | - | **1,270** | 50 | NA | - | NA | - | NA | - | NA | 325 | 11 | NA | NA |
| 107_F040E_7.5 | 460-27475-5 | 6/8/2011 | 7.5 | 8.0 | NA | - | NA | - | **56.4** | 1 | NA | - | NA | - | NA | - | NA | 333 | 10.4 | NA | NA |
| 107_F040N_6.0 | 460-27475-12 | 6/8/2011 | 6.0 | 6.5 | NA | - | NA | - | **22.1** | 1 | NA | - | NA | - | NA | - | NA | 439 | 9.23 | NA | NA |
| 107_F040N_6.5 | 460-27475-13 | 6/8/2011 | 6.5 | 7.0 | NA | - | NA | - | **121** | 10 | NA | - | NA | - | NA | - | NA | 347 | 10.7 | NA | NA |
| 107_F040N_7.5 | 460-27475-14 | 6/8/2011 | 7.5 | 8.0 | NA | - | NA | - | 5.0 | 1 | NA | - | NA | - | NA | - | NA | 376 | 9.35 | NA | NA |
| 107_F040S_3.5† | 460-27475-15 | 6/8/2011 | 3.5 | 4.0 | NA | - | NA | - | **27.2 U*** | 50 | NA | - | NA | - | 17.9 | 4 | NA | 395 | 8.42 | NA | NA |
| REP060811-1† | 460-27475-20 | 6/8/2011 | 3.5 | 4.0 | NA | - | NA | - | 0.54 U | 1 | NA | - | NA | - | 18.7 | 4 | NA | 385 | 8.24 | NA | NA |
| 107_F040S_4.5 | 460-27475-16 | 6/8/2011 | 4.5 | 5.0 | NA | - | NA | - | **1,540** | 50 | NA | - | NA | - | **822** | 20 | NA | 332 | 10.3 | NA | NA |
| 107_F040S_6.0 | 460-27475-17 | 6/8/2011 | 6.0 | 6.5 | NA | - | NA | - | **49.7** | 5 | NA | - | NA | - | **94.5** | 4 | NA | 311 | 9.76 | NA | NA |
| 107_F040S_6.5 | 460-27475-18 | 6/8/2011 | 6.5 | 7.0 | NA | - | NA | - | 8.4 | 1 | NA | - | NA | - | 17.5 | 4 | NA | 325 | 9.3 | NA | NA |
| 107_F040S_7.5 | 460-27475-19 | 6/8/2011 | 7.5 | 8.0 | NA | - | NA | - | 2.7 | 1 | NA | - | NA | - | 17.6 | 4 | NA | 364 | 9.08 | NA | NA |
| 107_F040W_5.0 | 460-27429-19 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | **2,040** | 200 | NA | - | NA | - | NA | - | NA | 297 | 9.74 | NA | NA |
| 107_F040W_6.0 | 460-27429-20 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | **8,120** | 200 | NA | - | NA | - | NA | - | NA | 308 | 11.3 | NA | NA |
| 107_F040W_6.5 | 460-27429-21 | 6/7/2011 | 6.5 | 7.0 | NA | - | NA | - | **11,700** | 200 | NA | - | NA | - | NA | - | NA | 297 | 11.2 | NA | NA |
| 107_F040W_7.5 | 460-27429-22 | 6/7/2011 | 7.5 | 8.0 | NA | - | NA | - | **7,880** | 200 | NA | - | NA | - | NA | - | NA | 294 | 11.2 | NA | NA |
| 107_F040W_9.5 | 460-27429-30 | 6/7/2011 | 9.5 | 10.0 | NA | - | NA | - | **717** | 50 | NA | - | NA | - | NA | - | NA | 293 | 11.1 | NA | NA |
| 107_F041_5.0 | 460-27475-6 | 6/8/2011 | 5.0 | 5.5 | NA | - | NA | - | **102** | 5 | NA | - | NA | - | NA | - | NA | 341 | 9.22 | NA | NA |
| 107_F041_5.5 | 460-27475-7 | 6/8/2011 | 5.5 | 6.0 | NA | - | NA | - | **276** | 10 | NA | - | NA | - | NA | - | NA | 353 | 9.53 | NA | NA |
| 107_F041_6.0 | 460-27475-8 | 6/8/2011 | 6.0 | 6.5 | NA | - | NA | - | **32.1** | 1 | NA | - | NA | - | NA | - | NA | 354 | 9.14 | NA | NA |
| 107_F041_6.5 | 460-27475-10 | 6/8/2011 | 6.5 | 7.0 | NA | - | NA | - | 15.0 | 1 | NA | - | NA | - | NA | - | NA | 412 | 9.75 | NA | NA |
| 107_F041_7.5 | 460-27475-9 | 6/8/2011 | 7.5 | 8.0 | NA | - | NA | - | 9.4 | 1 | NA | - | NA | - | NA | - | NA | 349 | 9.32 | NA | NA |
| 107_F041E_5.0 | 460-29983-4 | 8/15/2011 | 5.0 | 5.5 | NA | - | NA | - | 0.89 | 1 | NA | - | NA | - | NA | - | NA | 270 | 10.4 | NA | NA |
| 107_F041E_5.5 | 460-29983-5 | 8/15/2011 | 5.5 | 6.0 | NA | - | NA | - | 2.3 | 1 | NA | - | NA | - | NA | - | NA | 372 | 8.99 | NA | NA |
| 107_F041E_6.0 | 460-29983-6 | 8/15/2011 | 6.0 | 6.5 | NA | - | NA | - | 2.3 | 1 | NA | - | NA | - | NA | - | NA | 377 | 9.13 | NA | NA |
| 107_G032_0.0 | 460-22438-1 | 1/24/2011 | 0.0 | 0.5 | 1 U | 4 | 40.0 | 4 | 1.3 | 1 | 57.1 | 4 | 1.1 U | 4 | 22.4 | 4 | NA | 451 | 8.84 | NA | NA |
| 107_G032_3.5 | 460-22438-2 | 1/24/2011 | 3.5 | 4.0 | 1.1 U | 4 | 21.2 | 4 | 0.6 U | 1 | 38.3 | 4 | 1.2 U | 4 | 22.8 | 4 | NA | 451 | 8.56 | NA | NA |
| 107_G032_7.5 | 460-22438-3 | 1/24/2011 | 7.5 | 8.0 | 1.4 | 4 | 52.7 | 4 | 0.72 U | 1 | 46.4 | 4 | 1.3 U | 4 | 24.2 | 4 | NA | 384 | 7.79 | NA | NA |
| 107_G034_0.0 | 460-22438-4 | 1/24/2011 | 0.0 | 0.5 | 1.3 | 4 | 33.7 | 4 | 0.63 U | 1 | 20.2 | 4 | 1.2 U | 4 | **91.7** | 4 | NA | 397 | 7.81 | NA | NA |
| 107_G034_3.5 | 460-22438-5 | 1/24/2011 | 3.5 | 4.0 | 1 U | 4 | 68.6 | 4 | 1.6 | 1 | 47.9 | 4 | 1.1 U | 4 | 29.3 | 4 | NA | 378 | 9.2 | NA | NA |
| 107_G034_7.5 | 460-22438-6 | 1/24/2011 | 7.5 | 8.0 | 1 U | 4 | 35.0 | 4 | 1.3 | 1 | 33.0 | 4 | 1.1 U | 4 | 23.4 | 4 | NA | 380 | 8.85 | NA | NA |
| 107_G034_11.0 | 460-22438-7 | 1/24/2011 | 11.0 | 11.5 | 13.2 | 4 | 18.7 | 4 | 0.66 U | 1 | 35.3 | 4 | 1.2 U | 4 | 13.9 | 4 | NA | 331 | 8.16 | NA | NA |
| 107_G034_15.0 | 460-22438-8 | 1/24/2011 | 15.0 | 15.5 | 1.1 U | 4 | 17.2 | 4 | 0.66 U | 1 | 13.2 | 4 | 1.2 U | 4 | 24.7 | 4 | NA | 327 | 6.81 | NA | NA |
| 107_G034_19.0 | 460-22438-9 | 1/24/2011 | 19.0 | 19.5 | 0.91 U | 4 | 22.4 | 4 | 0.53 U | 1 | 18.7 | 4 | 1 U | 4 | 29.5 | 4 | NA | 475 | 8.02 | NA | NA |
| 107_G035_5.0† | 460-27429-27 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | 0.53 U | 1 | NA | - | NA | - | NA | - | NA | 319 | 9.09 | NA | NA |
| REP060711-2† | 460-27429-31 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | 0.52 U | 1 | NA | - | NA | - | 21 | 4 | NA | 392 | 8.97 | NA | NA |
| 107_G035_6.0 | 460-27429-28 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | 0.55 U | 1 | NA | - | NA | - | NA | - | NA | 331 | 8.55 | NA | NA |
| 107_G036_0.0* | 460-22465-17 | 1/25/2011 | 0.0 | 0.5 | 7.8 | 4 | 57.6 | 4 | 0.58 U | 1 | 21.1 | 4 | 1.1 U | 4 | 59.6 | 4 | NA | 379 | 7.55 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | | | | | |
| | | | | | RDCSRS | **31** | RDCSRS | **NC** | RDCSRS | **20** | RDCSRS | **1,600** | RDCSRS | **5** | RDCSRS | **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_G036_5.0* | 460-22465-18 | 1/25/2011 | 5.0 | 5.5 | 1.9 | 4 | 468 | 4 | **23.0** | 1 | 42.2 | 4 | 1.1 U | 4 | **87.2** | 4 | 0.37 U | 355 | 8.21 | 43000 | 14.8 |
| 107_G036_6.0* | 460-22465-19 | 1/25/2011 | 6.0 | 6.5 | 0.98 U | 4 | 1430 | 4 | **20.2** | 1 | 189 | 4 | 1.1 U | 4 | **402** | 4 | NA | 379 | 9 | NA | NA |
| 107_G036_7.0* | 460-22465-20 | 1/25/2011 | 7.0 | 7.5 | 0.95 U | 4 | 192 | 4 | 4.5 | 1 | 43.4 | 4 | 1.1 U | 4 | 24.8 | 4 | NA | 366 | 9.33 | NA | NA |
| 107_G036_15.0 | 460-22465-21 | 1/25/2011 | 15.0 | 15.5 | 1.2 U | 4 | 32.6 | 4 | 0.7 U | 1 | 29.1 | 4 | 1.4 U | 4 | 19.3 | 4 | NA | 335 | 8.04 | NA | NA |
| 107_G036_19.0 | 460-22465-22 | 1/25/2011 | 19.0 | 19.5 | 1.1 U | 4 | 12.2 | 4 | 0.6 U | 1 | 8.2 | 4 | 1.2 U | 4 | 21.4 | 4 | NA | 325 | 7.16 | NA | NA |
| 107_G036_23.0 | 460-22465-23 | 1/25/2011 | 23.0 | 23.5 | 1.1 U | 4 | 7.9 | 4 | 6.8 | 1 | 6.6 | 4 | 1.2 U | 4 | 11.7 | 4 | NA | 370 | 8.01 | NA | NA |
| 107_G036E_5.0 | 460-27429-1 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | 6.4 | 1 | NA | - | NA | - | NA | - | NA | 455 | 8.8 | NA | NA |
| 107_G036E_6.0† | 460-27429-2 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | 6.5 | 1 | NA | - | NA | - | NA | - | NA | 446 | 8.9 | NA | NA |
| REP060711-1† | 460-27429-12 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | 4.3 | 1 | NA | - | NA | - | 30 | 4 | NA | 339 | 8.99 | NA | NA |
| 107_GO36N-5.0 | 460-27331-32 | 6/6/2011 | 5.0 | 5.5 | NA | - | NA | - | 8.1 | 1 | NA | - | NA | - | NA | - | NA | 426 | 8.83 | NA | NA |
| 107_GO36N-6.0 | 460-27331-33 | 6/6/2011 | 6.0 | 6.5 | NA | - | NA | - | 0.54 U | 1 | NA | - | NA | - | NA | - | NA | 409 | 9.09 | NA | NA |
| 107_G036S_3.5 | 460-27429-6 | 6/7/2011 | 3.5 | 4.0 | NA | - | NA | - | 1.9 | 1 | NA | - | NA | - | NA | - | NA | 405 | 8.53 | NA | NA |
| 107_G036S_5.0 | 460-27429-7 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | 7.2 | 1 | NA | - | NA | - | NA | - | NA | 407 | 8.65 | NA | NA |
| 107_G036S_6.0 | 460-27429-8 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | 0.55 U | 1 | NA | - | NA | - | NA | - | NA | 396 | 8.79 | NA | NA |
| 107_G036W_4.5 | 460-27429-24 | 6/7/2011 | 4.5 | 5.0 | NA | - | NA | - | 4.7 | 1 | NA | - | NA | - | NA | - | NA | 307 | 9.5 | NA | NA |
| 107_G036W_5.0 | 460-27429-25 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | 2.2 | 1 | NA | - | NA | - | NA | - | NA | 319 | 9.01 | NA | NA |
| 107_G036W_6.0 | 460-27429-26 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | 3.5 | 1 | NA | - | NA | - | NA | - | NA | 319 | 9.27 | NA | NA |
| 107_G037_3.5 | 460-27429-3 | 6/7/2011 | 3.5 | 4.0 | NA | - | NA | - | 1.1 | 1 | NA | - | NA | - | NA | - | NA | 449 | 8.59 | NA | NA |
| 107_G037_5.0 | 460-27429-4 | 6/7/2011 | 5.0 | 5.5 | NA | - | NA | - | **255** | 25 | NA | - | NA | - | NA | - | NA | 371 | 10.4 | NA | NA |
| 107_G037_6.0 | 460-27429-5 | 6/7/2011 | 6.0 | 6.5 | NA | - | NA | - | 1.1 | 1 | NA | - | NA | - | NA | - | NA | 393 | 9 | NA | NA |
| 107_G037N_4.5 | 460-30033-10 | 8/16/2011 | 4.5 | 5.0 | NA | - | NA | - | 8.5 | 1 | NA | - | NA | - | NA | - | NA | 420 | 8.60 | NA | NA |
| 107_G037N_5.0† | 460-30033-11 | 8/16/2011 | 5.0 | 5.5 | NA | - | NA | - | **40.4** | 1 | NA | - | NA | - | NA | - | NA | 392 | 9.01 | NA | NA |
| REP081611-1† | 460-30033-58 | 8/16/2011 | 5.0 | 5.5 | NA | - | NA | - | **40.9** | 1 | NA | - | NA | - | NA | - | NA | 356 | 9.24 | NA | NA |
| 107_G037N_5.5 | 460-30033-12 | 8/16/2011 | 5.5 | 6.0 | NA | - | NA | - | **59.1** | 1 | NA | - | NA | - | NA | - | NA | 425 | 9.15 | NA | NA |
| 107_G037S_5.0 | 460-30033-14 | 8/16/2011 | 5.0 | 5.5 | NA | - | NA | - | 12.5 | 1 | NA | - | NA | - | NA | - | NA | 395 | 8.97 | NA | NA |
| 107_G038_0.0 | 460-22465-30 | 1/25/2011 | 0.0 | 0.5 | 0.99 U | 4 | 75.8 | 4 | 0.59 U | 1 | 32.0 | 4 | 1.1 U | 4 | 59.1 | 4 | NA | 349 | 7.83 | NA | NA |
| 107_G038_4.5 | 460-22465-31 | 1/25/2011 | 4.5 | 5.0 | 1.5 | 4 | 30.2 | 4 | 0.58 U | 1 | 14.0 | 4 | 1.1 U | 4 | 21.7 | 4 | NA | 337 | 8.38 | NA | NA |
| 107_G038_6.0 | 460-22465-32 | 1/25/2011 | 6.0 | 6.5 | 2.5 U | 10 | 2970 | 10 | 12.1 | 1 | 392 | 10 | 2.7 U | 10 | **827** | 10 | 0.37 U | 343 | 8.73 | 36900 | 3.7 U |
| 107_G038_7.0 | 460-22465-33 | 1/25/2011 | 7.0 | 7.5 | 1.1 | 4 | 263 | 4 | 4.1 | 1 | 12.8 | 4 | 1 U | 4 | 18.6 | 4 | NA | 317 | 8.78 | NA | NA |
| 107_G040_0.0-0.5 | 460-22560-1 | 1/28/2011 | 0.0 | 0.5 | 1.8 | 4 | 27.7 | 4 | 0.64 U | 1 | 28.1 | 4 | 1.2 U | 4 | 72.2 | 4 | NA | 402 | 8 | NA | NA |
| 107_G040_3.5 | 460-22560-2 | 1/28/2011 | 3.5 | 4.0 | 0.91 U | 4 | 21.9 | 4 | 0.56 U | 1 | 14.0 | 4 | 1 U | 4 | 25.4 | 4 | NA | 376 | 8.23 | NA | NA |
| 107_G040_4.5 | 460-22560-3 | 1/28/2011 | 4.5 | 5.0 | 20.9 | 4 | 24.4 | 4 | 0.58 U | 1 | 18.1 | 4 | 1.1 U | 4 | 21.3 | 4 | NA | 314 | 9.65 | NA | NA |
| 107_G040_5.0 | 460-22560-4 | 1/28/2011 | 5.0 | 5.5 | 0.97 U | 4 | 614 | 4 | 11.6 | 1 | 79.4 | 4 | 1.1 U | 4 | **147** | 4 | NA | 336 | 9.08 | NA | NA |
| 107_G040_7.5 | 460-22560-5 | 1/28/2011 | 7.5 | 8.0 | 1 U | 4 | 62.5 | 4 | 5.2 | 1 | 49.6 | 4 | 1.1 U | 4 | 27.2 | 4 | NA | 346 | 9.21 | NA | NA |
| 107_G040_11.5 | 460-22560-6 | 1/28/2011 | 11.5 | 12.0 | 1.1 U | 4 | 28.1 | 4 | 0.68 U | 1 | 51.7 | 4 | 1.2 U | 4 | 22.3 | 4 | NA | 354 | 8.65 | NA | NA |
| 107_G040_14.5 | 460-22560-7 | 1/28/2011 | 14.5 | 15.0 | 2.1 | 4 | 9.2 | 4 | 0.63 U | 1 | 469 | 4 | 2.2 | 4 | 12.8 | 4 | NA | 379 | 8.15 | NA | NA |
| 107_G042_0.0-0.5 | 460-22560-8 | 1/28/2011 | 0.0 | 0.5 | 0.91 U | 4 | 19.2 | 4 | 0.53 U | 1 | 16.4 | 4 | 1 U | 4 | 44.3 | 4 | NA | 341 | 8.77 | NA | NA |
| 107_G042_3.5 | 460-22560-9 | 1/28/2011 | 3.5 | 4.0 | 0.94 U | 4 | 15.8 | 4 | 0.54 U | 1 | 16.5 | 4 | 1 U | 4 | 44.5 | 4 | NA | 374 | 8.47 | NA | NA |
| 107_G042_7.5 | 460-22560-10 | 1/28/2011 | 7.5 | 8.0 | 1 U | 4 | 23.3 | 4 | 0.59 U | 1 | 43.6 | 4 | 1.1 U | 4 | 21.4 | 4 | NA | 367 | 8.84 | NA | NA |
| 107_G042_11.5 | 460-22560-11 | 1/28/2011 | 11.5 | 12.0 | 2.2 | 4 | 50.4 | 4 | 0.8 U | 1 | 84.3 | 4 | 1.4 U | 4 | 60.9 | 4 | NA | 329 | 7.92 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | NJDEP SRS | mg/kg | | | | | |
| | | | | | RDCSRS | **31** | RDCSRS | **NC** | RDCSRS | **20** | RDCSRS | **1,600** | RDCSRS | **5** | RDCSRS | **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_G042_14.0 | 460-22560-12 | 1/28/2011 | 14.0 | 14.5 | 1.2 | 4 | 7.3 | 4 | 0.65 U | 1 | 46.5 | 4 | 1.2 U | 4 | 11.2 | 4 | NA | 338 | 8.11 | NA | NA |
| 107_G042_18.0 | 460-22560-13 | 1/28/2011 | 18.0 | 18.5 | 2.1 U | 4 | 22.6 | 4 | 1.2 U | 1 | 15.9 | 4 | 2.3 U | 4 | 38.7 | 4 | NA | 380 | 6.47 | NA | NA |
| 107_G042_22.0 | 460-22560-14 | 1/28/2011 | 22.0 | 22.5 | 1 U | 4 | 19.8 | 4 | 0.57 U | 1 | 17.2 | 4 | 1.1 U | 4 | 27.8 | 4 | NA | 411 | 7.73 | NA | NA |
| 107_G044_0.0-0.5 | 460-22560-29 | 1/28/2011 | 0.0 | 0.5 | 0.92 U | 4 | 7.6 | 4 | 0.52 U | 1 | 15.4 | 4 | 1 U | 4 | 33.3 | 4 | NA | 376 | 8.93 | NA | NA |
| 107_G044_3.5 | 460-22560-30 | 1/28/2011 | 3.5 | 4.0 | 3.7 | 4 | 51.3 | 4 | 0.58 U | 1 | 22.5 | 4 | 1.1 U | 4 | 36.8 | 4 | NA | 358 | 8.09 | NA | NA |
| 107_G044_7.5 | 460-22560-31 | 1/28/2011 | 7.5 | 8.0 | 0.96 U | 4 | 20.9 | 4 | 0.57 U | 1 | 57.1 | 4 | 1.1 U | 4 | 21.5 | 4 | NA | 351 | 8.92 | NA | NA |
| 107_G044_15.0 | 460-22560-32 | 1/28/2011 | 15.0 | 15.5 | 1.5 U | 4 | 25.6 | 4 | 0.9 U | 1 | 33.8 | 4 | 1.7 U | 4 | 29.7 | 4 | NA | 308 | 7.76 | NA | NA |
| 107_G044_19.0 | 460-22560-33 | 1/28/2011 | 19.0 | 19.5 | 0.95 U | 4 | 17.7 | 4 | 0.6 U | 1 | 17.1 | 4 | 1 U | 4 | 18.4 | 4 | NA | 350 | 8.23 | NA | NA |
| 107_G044_23.0 | 460-22560-34 | 1/28/2011 | 23.0 | 23.5 | 0.96 U | 4 | 11.6 | 4 | 0.57 U | 1 | 8.5 | 4 | 1.1 U | 4 | 17.6 | 4 | NA | 358 | 8.31 | NA | NA |
| 107_G046_0.0 | 460-22638-32 | 1/31/2011 | 0.0 | 0.5 | 0.97 U | 4 | 9.9 | 4 | 0.54 U | 1 | 19.4 | 4 | 1.1 U | 4 | 39.9 | 4 | NA | 381 | 8.02 | NA | NA |
| 107_G046_3.5 | 460-22638-42 | 1/31/2011 | 3.5 | 4.0 | 0.94 U | 4 | 20.4 | 4 | 0.55 U | 1 | 15.4 | 4 | 1 U | 4 | 25.4 | 4 | NA | 366 | 8.04 | NA | NA |
| 107_G046_3.5 | 460-22638-33 | 1/31/2011 | 3.5 | 4.0 | 0.99 U | 4 | 173 | 4 | 0.56 U | 1 | 26.3 | 4 | 1.1 U | 4 | 37.8 | 4 | NA | 408 | 8.25 | NA | NA |
| 107_G046_4.5 | 460-22638-34 | 1/31/2011 | 4.5 | 5.0 | 0.98 U | 4 | 798 | 4 | 0.87 | 1 | 73.6 | 4 | 1.1 U | 4 | **124** | 4 | NA | 382 | 8.01 | NA | NA |
| 107_G046_5.0 | 460-22638-35 | 1/31/2011 | 5.0 | 5.5 | 0.94 U | 4 | 263 | 4 | 2.3 | 1 | 30.2 | 4 | 1 U | 4 | 73.4 | 4 | NA | 351 | 8.63 | NA | NA |
| 107_G046_5.5 | 460-22638-36 | 1/31/2011 | 5.5 | 6.0 | 0.98 U | 4 | 166 | 4 | 1.6 | 1 | 17.3 | 4 | 1.1 U | 4 | 26.7 | 4 | NA | 284 | 9.97 | NA | NA |
| 107_G046_7.5 | 460-22638-37 | 1/31/2011 | 7.5 | 8.0 | 1.2 | 4 | 300 | 4 | 1.3 | 1 | 11.1 | 4 | 1.1 U | 4 | 17.4 | 4 | NA | 316 | 8.22 | NA | NA |
| 107_G046_7.5 | 460-22638-43 | 1/31/2011 | 7.5 | 8.0 | 1.1 U | 4 | 27.5 | 4 | 0.61 | 1 | 49.1 | 4 | 1.2 U | 4 | 19.5 | 4 | NA | 366 | 8.36 | NA | NA |
| 107_G046_10.0 | 460-22638-38 | 1/31/2011 | 10.0 | 10.5 | 1.1 U | 4 | 16.4 | 4 | 0.65 U | 1 | 35.0 | 4 | 1.2 U | 4 | 16 | 4 | NA | 340 | 5.96 | NA | NA |
| 107_G046_14.0 | 460-22638-39 | 1/31/2011 | 14.0 | 14.5 | 1.3 U | 4 | 15.3 | 4 | 0.75 U | 1 | 11.7 | 4 | 1.5 U | 4 | 24.1 | 4 | NA | 247 | 6.63 | NA | NA |
| 107_G046_18.0 | 460-22638-40 | 1/31/2011 | 18.0 | 18.5 | 0.98 U | 4 | 12.1 | 4 | 0.57 U | 1 | 7.8 | 4 | 1.1 U | 4 | 17.3 | 4 | NA | 367 | 6.82 | NA | NA |
| 107_H036_5.0 | 460-27331-48 | 6/6/2011 | 5.0 | 5.5 | NA | - | NA | - | 0.54 U | 1 | NA | - | NA | - | NA | - | NA | 364 | 8.85 | NA | NA |
| 107_H036_6.0 | 460-27331-47 | 6/6/2011 | 6.0 | 6.5 | NA | - | NA | - | 0.55 U | 1 | NA | - | NA | - | NA | - | NA | 377 | 8.74 | NA | NA |
| 107_H037_5.0 | 460-30033-17 | 8/16/2011 | 5.0 | 5.5 | NA | - | NA | - | 2.5 | 1 | NA | - | NA | - | NA | - | NA | 431 | 8.57 | 13400 | 3.7 |
| 107_H037_5.5 | 460-30033-18 | 8/16/2011 | 5.5 | 6.0 | NA | - | NA | - | 0.58 U | 1 | NA | - | NA | - | NA | - | NA | 409 | 8.57 | NA | NA |
| 107_H038-7.0 | 460-27331-35 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | 2.8 | 1 | NA | - | NA | - | NA | - | NA | 420 | 8.59 | NA | NA |
| 107_H038-8.0 | 460-27331-36 | 6/6/2011 | 8.0 | 8.5 | NA | - | NA | - | 0.58 U | 1 | NA | - | NA | - | NA | - | NA | 375 | 9.72 | NA | NA |
| 107_H038-10.0 | 460-27331-37 | 6/6/2011 | 10.0 | 10.5 | NA | - | NA | - | 0.59 U | 1 | NA | - | NA | - | NA | - | NA | 387 | 8.69 | NA | NA |
| 107_H038-11.0 | 460-27331-38 | 6/6/2011 | 11.0 | 11.5 | NA | - | NA | - | 0.6 U | 1 | NA | - | NA | - | NA | - | NA | 390 | 8.56 | NA | NA |
| 107_H038-12.0 | 460-27331-39 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 0.61 U | 1 | NA | - | NA | - | NA | - | NA | 388 | 8.5 | NA | NA |
| 107_I032_0.0 | 460-22438-10 | 1/24/2011 | 0.0 | 0.5 | 0.93 U | 4 | 58.5 | 4 | 1.4 | 1 | 18.9 | 4 | 1 U | 4 | 34.5 | 4 | NA | 472 | 8.6 | NA | NA |
| 107_I032_3.5 | 460-22438-11 | 1/24/2011 | 3.5 | 4.0 | 0.97 U | 4 | 84.0 | 4 | 8.4 | 1 | 14.5 | 4 | 1.1 U | 4 | 25.7 | 4 | NA | 471 | 7.73 | NA | NA |
| 107_I032_7.5 | 460-22438-12 | 1/24/2011 | 7.5 | 8.0 | 1.1 U | 4 | 103 | 4 | 0.63 U | 1 | 14.9 | 4 | 1.2 U | 4 | 23.9 | 4 | NA | 458 | 7.71 | NA | NA |
| 107_I032_10.0 | 460-22438-13 | 1/24/2011 | 10.0 | 10.5 | 2.7 | 4 | 86.2 | 4 | 2.0 | 1 | 103 | 4 | 1.3 U | 4 | 45.4 | 4 | NA | 555 | 7.36 | NA | NA |
| 107_I032_14.5 | 460-22438-14 | 1/24/2011 | 14.5 | 15.0 | 1 U | 4 | 8.7 | 4 | 0.56 U | 1 | 5.6 | 4 | 1.1 U | 4 | 15.3 | 4 | NA | 480 | 8.22 | NA | NA |
| 107_I032_18.5 | 460-22438-15 | 1/24/2011 | 18.5 | 19.0 | 0.91 U | 4 | 12.3 | 4 | 0.54 U | 1 | 9.7 | 4 | 1 U | 4 | 16.2 | 4 | NA | 456 | 8.53 | NA | NA |
| 107_I034_0.0 | 460-22438-16 | 1/24/2011 | 0.0 | 0.5 | 3.2 | 4 | 33.7 | 4 | 0.6 U | 1 | 25.0 | 4 | 1.1 U | 4 | **84.5** | 4 | NA | 459 | 7.99 | NA | NA |
| 107_I034_3.5 | 460-22438-17 | 1/24/2011 | 3.5 | 4.0 | 0.99 U | 4 | 41.5 | 4 | 0.59 U | 1 | 90.2 | 4 | 1.1 U | 4 | 21.8 | 4 | NA | 433 | 8.22 | NA | NA |
| 107_I034_7.5 | 460-22438-18 | 1/24/2011 | 7.5 | 8.0 | 1 U | 4 | 52.2 | 4 | 0.58 U | 1 | 21.3 | 4 | 1.1 U | 4 | 24.8 | 4 | NA | 429 | 8.33 | NA | NA |
| 107_I034_11.5 | 460-22438-19 | 1/24/2011 | 11.5 | 12.0 | 1.2 | 4 | 49.1 | 4 | 0.68 U | 1 | 135 | 4 | 1.3 U | 4 | 30.6 | 4 | NA | 266 | 7.81 | NA | NA |
| 107_I034_15.5 | 460-22438-20 | 1/24/2011 | 15.5 | 16.0 | 1.1 U | 4 | 19.5 | 4 | 0.62 U | 1 | 13.2 | 4 | 1.2 U | 4 | 21.4 | 4 | NA | 296 | 7.65 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_I034_19.5 | 460-22438-22 | 1/24/2011 | 19.5 | 20.0 | 0.95 U | 4 | 16.6 | 4 | 0.55 U | 1 | 14.7 | 4 | 1 U | 4 | 25.6 | 4 | NA | 412 | 8.05 | NA | NA |
| 107_I036_0.0* | 460-22465-10 | 1/25/2011 | 0.0 | 0.5 | 7.2 | 4 | 27.9 | 4 | 0.61 U | 1 | 26.4 | 4 | 1.2 U | 4 | 75.8 | 4 | NA | 420 | 7.59 | NA | NA |
| 107_I036_3.5†* | 460-22465-11 | 1/25/2011 | 3.5 | 4.0 | 0.98 U | 4 | 81.6 | 4 | 0.56 U | 1 | 18.2 | 4 | 1.1 U | 4 | 28.6 | 4 | NA | 397 | 7.94 | NA | NA |
| REP012511-1† | 460-22465-34 | 1/25/2011 | 3.5 | 4.0 | 1.0 U | 4 | 64.9 | 4 | 0.59 U | 1 | 24.5 | 4 | 1.1 U | 4 | 28.9 | 4 | NA | 348 | 8.26 | NA | NA |
| 107_I036_7.5* | 460-22465-12 | 1/25/2011 | 7.5 | 8.0 | 0.99 U | 4 | 14.1 | 4 | 0.56 U | 1 | 43.2 | 4 | 1.1 U | 4 | 16.4 | 4 | NA | 391 | 8.48 | NA | NA |
| 107_I036_11.5 | 460-22465-13 | 1/25/2011 | 11.5 | 12.0 | 1 U | 4 | 17.6 | 4 | 0.59 U | 1 | 23.6 | 4 | 1.1 U | 4 | 20.8 | 4 | NA | 383 | 8.39 | NA | NA |
| 107_I036_15.5* | 460-22465-14 | 1/25/2011 | 15.5 | 16.0 | 1.1 U | 4 | 7.6 | 4 | 0.65 U | 1 | 182 | 4 | 1.3 U | 4 | 12.8 | 4 | NA | 333 | 8.15 | NA | NA |
| 107_I036_19.5* | 460-22465-15 | 1/25/2011 | 19.5 | 20.0 | 1 U | 4 | 13.3 | 4 | 0.61 U | 1 | 10 | 4 | 1.1 U | 4 | 24.9 | 4 | NA | 371 | 7.7 | NA | NA |
| 107_I036_23.5* | 460-22465-16 | 1/25/2011 | 23.5 | 24.0 | 0.91 U | 4 | 13.2 | 4 | 0.54 U | 1 | 13.5 | 4 | 1 U | 4 | 17.6 | 4 | NA | 372 | 8.18 | NA | NA |
| 107_I037_7.0 | 460-27331-45 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | 0.59 U | 1 | NA | - | NA | - | NA | - | NA | 362 | 8.87 | NA | NA |
| 107_I037_8.0 | 460-27331-46 | 6/6/2011 | 8.0 | 8.5 | NA | - | NA | - | 0.59 U | 1 | NA | - | NA | - | NA | - | NA | 368 | 8.74 | NA | NA |
| 107_I037_10.0 | 460-27331-23 | 6/6/2011 | 10.0 | 10.5 | NA | - | NA | - | 0.6 U | 1 | NA | - | NA | - | NA | - | NA | 316 | 8.87 | NA | NA |
| 107_I037_11.0 | 460-27331-24 | 6/6/2011 | 11.0 | 11.5 | NA | - | NA | - | 0.61 U | 1 | NA | - | NA | - | NA | - | NA | 339 | 8.67 | NA | NA |
| 107_I037_12.0† | 460-27331-25 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 0.61 U | 1 | NA | - | NA | - | NA | - | NA | 349 | 8.63 | NA | NA |
| REP060611-3† | 460-27331-49 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 0.60 U | 1 | NA | - | NA | - | NA | - | NA | 366 | 8.64 | NA | NA |
| 107_I038_0.0 | 460-22506-1 | 1/26/2011 | 0.0 | 0.5 | 1.1 | 4 | 53.9 | 4 | 0.63 U | 1 | 52.0 | 4 | 1.2 U | 4 | **82.4** | 4 | NA | 483 | 7.85 | NA | NA |
| 107_I038_3.5 | 460-22506-2 | 1/26/2011 | 3.5 | 4.0 | 1.3 | 4 | 22.7 | 4 | 0.57 U | 1 | 38.2 | 4 | 1.1 U | 4 | 29.8 | 4 | NA | 446 | 8.04 | NA | NA |
| 107_I038_6.5 | 460-22506-3 | 1/26/2011 | 6.5 | 7.0 | 1.7 | 4 | 106 | 4 | 0.58 U | 1 | 47.5 | 4 | 1.1 U | 4 | 29.9 | 4 | NA | 293 | 10.1 | NA | NA |
| 107_I038_7.0 | 460-22506-4 | 1/26/2011 | 7.0 | 7.5 | **69.8** | 10 | 5580 | 10 | **183** | 5 | 395 | 10 | 3 U* | 10 | **528** | 10 | NA | 284 | 10.6 | NA | NA |
| 107_I038_8.0 | 460-22506-5 | 1/26/2011 | 8.0 | 8.5 | 1 U | 4 | 52.4 | 4 | **31.1** | 1 | 35.8 | 4 | 1.1 U | 4 | 21.4 | 4 | NA | 298 | 9.18 | NA | NA |
| 107_I038_10.0 | 460-22506-6 | 1/26/2011 | 10.0 | 10.5 | 0.99 U | 4 | 54.0 | 4 | 9.5 | 1 | 54.0 | 4 | 1.1 U | 4 | 19.8 | 4 | NA | 295 | 9.32 | NA | NA |
| 107_I038_11.0 | 460-27331-20 | 6/6/2011 | 11.0 | 11.5 | NA | - | NA | - | 3.4 | 1 | NA | - | NA | - | NA | - | NA | 393 | 8.7 | NA | NA |
| 107_I038_12.0 | 460-22506-8 | 1/26/2011 | 12.0 | 12.5 | **171** | 4 | 286 | 4 | 13.3 | 1 | 31.9 | 4 | 1.1 U | 4 | 23.2 | 4 | NA | 250 | 9.74 | NA | NA |
| 107_I038_17.0 | 460-22506-9 | 1/26/2011 | 17.0 | 17.5 | 1 U | 4 | 85.2 | 4 | 0.60 | 1 | 834 | 4 | 1.1 U | 4 | 13.2 | 4 | NA | 203 | 10 | NA | NA |
| 107_I038_21.0 | 460-22506-10 | 1/26/2011 | 21.0 | 21.5 | 1.1 U | 4 | 28.6 | 4 | 0.66 U | 1 | 26.1 | 4 | 1.2 U | 4 | 52 | 4 | NA | 497 | 8.02 | NA | NA |
| 107_I038_25.0 | 460-22506-11 | 1/26/2011 | 25.0 | 25.5 | 0.93 U | 4 | 15.0 | 4 | 0.56 U | 1 | 14.3 | 4 | 1 U | 4 | 23.7 | 4 | NA | 465 | 8.28 | NA | NA |
| 107_I038E_7.0† | 460-27331-16 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | 2.4 | 1 | NA | - | NA | - | NA | - | NA | 388 | 8.32 | NA | NA |
| REP060611-1† | 460-27331-9 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | 0.96 | 1 | NA | - | NA | - | NA | - | NA | 429 | 8.35 | NA | NA |
| 107_I038E_8.0 | 460-27331-17 | 6/6/2011 | 8.0 | 8.5 | NA | - | NA | - | 3.1 | 1 | NA | - | NA | - | NA | - | NA | 440 | 8.51 | NA | NA |
| 107_I038E_10.0 | 460-27331-18 | 6/6/2011 | 10.0 | 10.5 | NA | - | NA | - | 1.8 | 1 | NA | - | NA | - | NA | - | NA | 399 | 8.81 | NA | NA |
| 107_I038E_12.0 | 460-27331-19 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 2.6 | 1 | NA | - | NA | - | NA | - | NA | 401 | 8.62 | NA | NA |
| 107_I038N_6.5 | 460-27331-11 | 6/6/2011 | 6.5 | 7.0 | NA | - | NA | - | 0.55 U | 1 | NA | - | NA | - | NA | - | NA | 467 | 8.43 | NA | NA |
| 107_I038N_7.0 | 460-27331-10 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | 3.4 | 1 | NA | - | NA | - | NA | - | NA | 420 | 8.7 | NA | NA |
| 107_I038N_8.0 | 460-27331-12 | 6/6/2011 | 8.0 | 8.5 | NA | - | NA | - | 1.7 | 1 | NA | - | NA | - | NA | - | NA | 422 | 8.88 | NA | NA |
| 107_I038N_10.0 | 460-27331-13 | 6/6/2011 | 10.0 | 10.5 | NA | - | NA | - | 3.4 | 1 | NA | - | NA | - | NA | - | NA | 411 | 8.94 | NA | NA |
| 107_I038N_11.0 | 460-27331-14 | 6/6/2011 | 11.0 | 11.5 | NA | - | NA | - | 3.2 | 1 | NA | - | NA | - | NA | - | NA | 412 | 8.92 | NA | NA |
| 107_I038N_12.0 | 460-27331-15 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 0.97 | 1 | NA | - | NA | - | NA | - | NA | 375 | 8.75 | NA | NA |
| 107_I038S-7.0 | 460-27331-40 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | **405** | 25 | NA | - | NA | - | NA | - | NA | 375 | 9.17 | NA | NA |
| 107_I038S_8.0 | 460-27331-41 | 6/6/2011 | 8.0 | 8.5 | NA | - | NA | - | **26.1** | 1 | NA | - | NA | - | NA | - | NA | 382 | 8.85 | NA | NA |
| 107_I038S_10.0 | 460-27331-42 | 6/6/2011 | 10.0 | 10.5 | NA | - | NA | - | 6.0 | 1 | NA | - | NA | - | NA | - | NA | 366 | 9.9 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg 31 | NJDEP SRS RDCSRS | mg/kg NC | NJDEP SRS RDCSRS | mg/kg 20 | NJDEP SRS RDCSRS | mg/kg 1,600 | NJDEP SRS RDCSRS | mg/kg 5 | NJDEP SRS RDCSRS | mg/kg 78 | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_I038S_11.0 | 460-27331-43 | 6/6/2011 | 11.0 | 11.5 | NA | - | NA | - | 0.6 U | 1 | NA | - | NA | - | NA | - | NA | 335 | 10.1 | NA | NA |
| 107_I038S_12.0 | 460-27331-44 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 0.59 U | 1 | NA | - | NA | - | NA | - | NA | 345 | 9.45 | NA | NA |
| 107_I038W-6.5 | 460-27331-27 | 6/6/2011 | 6.5 | 7.0 | NA | - | NA | - | 2.7 | 1 | NA | - | NA | - | NA | - | NA | 348 | 8.8 | NA | NA |
| 107_I038W-7.0 | 460-27331-28 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | 10.3 | 1 | NA | - | NA | - | NA | - | NA | 336 | 9.02 | NA | NA |
| 107_I038W-8.0 | 460-27331-29 | 6/6/2011 | 8.0 | 8.5 | NA | - | NA | - | 6.1 | 1 | NA | - | NA | - | NA | - | NA | 342 | 9.02 | NA | NA |
| 107_I038W-10.0 | 460-27331-30 | 6/6/2011 | 10.0 | 10.5 | NA | - | NA | - | 1.3 | 1 | NA | - | NA | - | NA | - | NA | 441 | 8.53 | NA | NA |
| 107_I038W_11.0 | 460-27331-34 | 6/6/2011 | 11.0 | 11.5 | NA | - | NA | - | 0.6 U | 1 | NA | - | NA | - | NA | - | NA | 418 | 8.57 | NA | NA |
| 107_I038W-12.0 | 460-27331-31 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 0.62 U | 1 | NA | - | NA | - | NA | - | NA | 474 | 8.39 | NA | NA |
| 107_I039_7.0 | 460-27331-21 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | 0.58 U | 1 | NA | - | NA | - | NA | - | NA | 293 | 11.3 | NA | NA |
| 107_I039_8.0 | 460-27331-22 | 6/6/2011 | 8.0 | 8.5 | NA | - | NA | - | 0.58 U | 1 | NA | - | NA | - | NA | - | NA | 237 | 11.6 | NA | NA |
| 107_I039_10.0 | 460-27331-1 | 6/6/2011 | 10.0 | 10.5 | NA | - | NA | - | 0.54 U | 1 | NA | - | NA | - | NA | - | NA | 408 | 8.28 | NA | NA |
| 107_I039_11.0 | 460-27331-2 | 6/6/2011 | 11.0 | 11.5 | NA | - | NA | - | 0.56 U | 1 | NA | - | NA | - | NA | - | NA | 342 | 9.85 | NA | NA |
| 107_I039_12.0 | 460-27331-3 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 0.56 U | 1 | NA | - | NA | - | NA | - | NA | 376 | 8.28 | NA | NA |
| 107_I040_0.0 | 460-22506-27 | 1/26/2011 | 0.0 | 0.5 | 1.2 U | 4 | 25.5 | 4 | 0.66 U | 1 | 20.2 | 4 | 1.3 U | 4 | 56 | 4 | NA | 355 | 8.15 | NA | NA |
| 107_I040_3.5 | 460-22506-28 | 1/26/2011 | 3.5 | 4.0 | 0.98 U | 4 | 28.1 | 4 | 0.55 U | 1 | 24.3 | 4 | 1.1 U | 4 | 38.7 | 4 | NA | 310 | 9.45 | NA | NA |
| 107_I040_7.5 | 460-22506-29 | 1/26/2011 | 7.5 | 8.0 | 0.97 U | 4 | 19.5 | 4 | 0.58 U | 1 | 47.0 | 4 | 1.1 U | 4 | 18.2 | 4 | NA | 331 | 8.05 | NA | NA |
| 107_I040_11.5 | 460-22506-30 | 1/26/2011 | 11.5 | 12.0 | 1 U | 4 | 18.8 | 4 | 0.61 U | 1 | 41.5 | 4 | 1.1 U | 4 | 20.7 | 4 | NA | 385 | 9.09 | NA | NA |
| 107_I040_15.5 | 460-22506-31 | 1/26/2011 | 15.5 | 16.0 | 1.1 U | 4 | 17.4 | 4 | 6.0 | 1 | 85.4 | 4 | 1.2 U | 4 | 18.4 | 4 | NA | 286 | 10.8 | NA | NA |
| 107_I040_16.5 | 460-22506-32 | 1/26/2011 | 16.5 | 17.0 | 1.1 U | 4 | 15.8 | 4 | 0.67 U | 1 | 263 | 4 | 1.2 U | 4 | 23.4 | 4 | NA | 329 | 8.12 | NA | NA |
| 107_I040_20.5 | 460-22506-33 | 1/26/2011 | 20.5 | 21.0 | 1.5 U | 4 | 27.7 | 4 | 3.1 | 1 | 36.0 | 4 | 1.6 U | 4 | 35.5 | 4 | NA | 340 | 7.79 | NA | NA |
| 107_I040_24.5 | 460-22506-34 | 1/26/2011 | 24.5 | 25.0 | 0.92 U | 4 | 11.0 | 4 | 0.57 U | 1 | 9.1 | 4 | 1 U | 4 | 14.5 | 4 | NA | 335 | 8.14 | NA | NA |
| 107_I042_0.0-0.5 | 460-22560-15 | 1/28/2011 | 0.0 | 0.5 | 2.9 | 4 | 210 | 4 | 0.77 U | 1 | 28.4 | 4 | 1.4 U | 4 | **94.2** | 4 | NA | 384 | 7.88 | NA | NA |
| 107_I042_3.5† | 460-22560-16 | 1/28/2011 | 3.5 | 4.0 | 1.1 | 4 | 26.7 | 4 | 0.55 U | 1 | 15.5 | 4 | 1 U | 4 | 22.1 | 4 | NA | 369 | 8.24 | NA | NA |
| REP012811† | 460-22560-36 | 1/28/2011 | 3.5 | 4.0 | 0.95 U | 4 | 24.5 | 4 | 5.9 | 1 | 21.3 | 4 | 1.0 U | 4 | 25.7 | 4 | NA | 367 | 8.37 | NA | NA |
| 107_I042_7.5 | 460-22560-17 | 1/28/2011 | 7.5 | 8.0 | 1 U | 4 | 19.5 | 4 | 0.57 U | 1 | 41.1 | 4 | 1.1 U | 4 | 20.7 | 4 | NA | 359 | 8.62 | NA | NA |
| 107_I042_11.5 | 460-22560-18 | 1/28/2011 | 11.5 | 12.0 | 1 U | 4 | 22.1 | 4 | 0.61 U | 1 | 57.5 | 4 | 1.1 U | 4 | 21.8 | 4 | NA | 360 | 8.49 | NA | NA |
| 107_I042_14.5 | 460-22560-19 | 1/28/2011 | 14.5 | 15.0 | 13.7 U* | 50 | 25.3 | 4 | 0.64 U | 1 | **6,150** | 50 | 1.2 U | 4 | 18.9 | 4 | NA | 320 | 7.69 | NA | NA |
| 107_I042_18.5 | 460-22560-20 | 1/28/2011 | 18.5 | 19.0 | 1.4 U | 4 | 19.3 | 4 | 0.78 U | 1 | 39.4 | 4 | 1.5 U | 4 | 28.5 | 4 | NA | 345 | 7.16 | NA | NA |
| 107_I042_22.5 | 460-22560-21 | 1/28/2011 | 22.5 | 23.0 | 1.1 U | 4 | 11.7 | 4 | 0.6 U | 1 | 14.5 | 4 | 1.2 U | 4 | 17.9 | 4 | NA | 429 | 8.07 | NA | NA |
| 107_I044_0.0 | 460-22638-11 | 1/31/2011 | 0.0 | 0.5 | 0.94 U | 4 | 5.7 | 4 | 0.55 U | 1 | 12.1 | 4 | 1 U | 4 | 25.1 | 4 | NA | 382 | 8.19 | NA | NA |
| 107_I044_3.5 | 460-22638-12 | 1/31/2011 | 3.5 | 4.0 | 1.1 | 4 | 27.0 | 4 | 0.57 U | 1 | 13.2 | 4 | 1.1 U | 4 | 36.2 | 4 | NA | 364 | 8.08 | NA | NA |
| 107_I044_7.5 | 460-22638-13 | 1/31/2011 | 7.5 | 8.0 | 1 U | 4 | 17.8 | 4 | 0.58 U | 1 | 33.6 | 4 | 1.1 U | 4 | 20 | 4 | NA | 366 | 8.32 | NA | NA |
| 107_I044_11.5 | 460-22638-14 | 1/31/2011 | 11.5 | 12.0 | 2.9 | 4 | 62.1 | 4 | 0.77 U | 1 | **7,020** | 25 | 1.4 U | 4 | 38.9 | 4 | NA | 334 | 7.45 | NA | NA |
| 107_I044_13.5 | 460-22638-15 | 1/31/2011 | 13.5 | 14.0 | 3.5 | 10 | 47.1 | 10 | 0.72 U | 1 | 1520 | 10 | 3.3 U* | 10 | 20.4 | 10 | NA | 324 | 7.64 | NA | NA |
| 107_I044_17.5 | 460-22638-16 | 1/31/2011 | 17.5 | 18.0 | 0.98 U | 4 | 9.0 | 4 | 0.59 U | 1 | 8.6 | 4 | 1.1 U | 4 | 14.6 | 4 | NA | 379 | 7.69 | NA | NA |
| 107_I044_21.5 | 460-22638-17 | 1/31/2011 | 21.5 | 22.0 | 1.1 U | 4 | 8.5 | 4 | 0.61 U | 1 | 13.0 | 4 | 1.2 U | 4 | 12.3 | 4 | NA | 343 | 7.94 | NA | NA |
| 107_I046_0.0 | 460-22638-41 | 1/31/2011 | 0.0 | 0.5 | 0.91 U | 4 | 4.5 | 4 | 0.55 U | 1 | 10.3 | 4 | 1 U | 4 | 20.9 | 4 | NA | 400 | 8.06 | NA | NA |
| 107_I046_3.5 | 460-22638-42 | 1/31/2011 | 3.5 | 4.0 | 0.94 U | 4 | 20.4 | 4 | 0.55 U | 1 | 15.4 | 4 | 1 U | 4 | 25.4 | 4 | NA | 366 | 8.04 | NA | NA |
| 107_I046_7.5 | 460-22638-43 | 1/31/2011 | 7.5 | 8.0 | 1.1 U | 4 | 27.5 | 4 | 0.61 | 1 | 49.1 | 4 | 1.2 U | 4 | 19.5 | 4 | NA | 366 | 8.36 | NA | NA |
| 107_I046_11.5 | 460-22638-44 | 1/31/2011 | 11.5 | 12.0 | 1.3 U | 4 | 14.8 | 4 | 0.77 U | 1 | 85.7 | 4 | 1.5 U | 4 | 15.6 | 4 | NA | 354 | 7.63 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_I046_15.5 | 460-22638-45 | 1/31/2011 | 15.5 | 16.0 | 1.1 U | 4 | 10.0 | 4 | 0.63 U | 1 | 8.1 | 4 | 1.2 U | 4 | 16.2 | 4 | NA | 342 | 7.2 | NA | NA |
| 107_I046_19.5 | 460-22638-46 | 1/31/2011 | 19.5 | 20.0 | 1.1 U | 4 | 14.1 | 4 | 0.77 | 1 | 9.1 | 4 | 1.2 U | 4 | 12.3 | 4 | NA | 374 | 7.71 | NA | NA |
| 107_J038_7.0 | 460-27331-4 | 6/6/2011 | 7.0 | 7.5 | NA | - | NA | - | 0.55 U | 1 | NA | - | NA | - | NA | - | NA | 381 | 8.69 | NA | NA |
| 107_J038_8.0 | 460-27331-5 | 6/6/2011 | 8.0 | 8.5 | NA | - | NA | - | 0.54 U | 1 | NA | - | NA | - | NA | - | NA | 378 | 8.73 | NA | NA |
| 107_J038_10.0 | 460-27331-6 | 6/6/2011 | 10.0 | 10.5 | NA | - | NA | - | 0.56 U | 1 | NA | - | NA | - | NA | - | NA | 381 | 8.68 | NA | NA |
| 107_J038_11.0† | 460-27475-11 | 6/8/2011 | 11.0 | 11.5 | NA | - | NA | - | 0.6 U | 1 | NA | - | NA | - | NA | - | NA | 460 | 8.47 | NA | NA |
| REP060611-2† | 460-27331-26 | 6/6/2011 | 11.0 | 11.5 | NA | - | NA | - | 0.58 U | 1 | NA | - | NA | - | NA | - | NA | 358 | 8.54 | NA | NA |
| 107_J038_12.0 | 460-27331-8 | 6/6/2011 | 12.0 | 12.5 | NA | - | NA | - | 0.6 U | 1 | NA | - | NA | - | NA | - | NA | 382 | 8.37 | NA | NA |
| 107_K032_0.0* | 460-22465-1 | 1/25/2011 | 0.0 | 0.5 | 0.95 U | 4 | 148 | 4 | 6.9 | 1 | 16.5 | 4 | 1 U | 4 | 33.4 | 4 | NA | 478 | 8.13 | NA | NA |
| 107_K032_3.5* | 460-22465-2 | 1/25/2011 | 3.5 | 4.0 | 1 U | 4 | 101 | 4 | 1.0 | 1 | 13.0 | 4 | 1.1 U | 4 | 27.4 | 4 | NA | 488 | 8.15 | NA | NA |
| 107_K032_7.5* | 460-22465-3 | 1/25/2011 | 7.5 | 8.0 | 0.94 U | 4 | 29.7 | 4 | 0.56 U | 1 | 14.7 | 4 | 1 U | 4 | 30 | 4 | NA | 461 | 7.96 | NA | NA |
| 107_K032_10.5* | 460-22465-4 | 1/25/2011 | 10.5 | 11.0 | 3.4 | 4 | 43.9 | 4 | 0.67 U | 1 | 9.3 | 4 | 1.2 U | 4 | 17.7 | 4 | NA | 301 | 7.84 | NA | NA |
| 107_K032_14.5* | 460-22465-5 | 1/25/2011 | 14.5 | 15.0 | 1.1 U | 4 | 17.4 | 4 | 0.63 U | 1 | 11.6 | 4 | 1.2 U | 4 | 32.3 | 4 | NA | 304 | 7.32 | NA | NA |
| 107_K032_18.5* | 460-22465-6 | 1/25/2011 | 18.5 | 19.0 | 1 U | 4 | 12.4 | 4 | 0.58 U | 1 | 12.8 | 4 | 1.1 U | 4 | 16.7 | 4 | NA | 343 | 8.22 | NA | NA |
| 107_K034_0.0 | 460-22912-12 | 2/8/2011 | 0.0 | 0.5 | 1.6 | 4 | 13.7 | 4 | 0.6 U | 1 | 29.6 | 4 | 1.1 U | 4 | 65.6 | 4 | NA | 459 | 8.23 | NA | NA |
| 107_K034_3.5 | 460-22912-13 | 2/8/2011 | 3.5 | 4.0 | 3.2 | 4 | 471 | 4 | 1.1 | 1 | 18.8 | 4 | 1.1 U | 4 | 32.9 | 4 | NA | 420 | 8.51 | NA | NA |
| 107_K034_7.5 | 460-22912-14 | 2/8/2011 | 7.5 | 8.0 | 0.97 U | 4 | 19.3 | 4 | 0.58 U | 1 | 13.9 | 4 | 1.1 U | 4 | 26.2 | 4 | NA | 430 | 7.81 | NA | NA |
| 107_K034_11.5 | 460-22912-15 | 2/8/2011 | 11.5 | 12.0 | 1.1 U | 4 | 14.1 | 4 | 0.69 U | 1 | 13.0 | 4 | 1.3 U | 4 | 20.2 | 4 | NA | 334 | 7.31 | NA | NA |
| 107_K034_15.5 | 460-22912-16 | 2/8/2011 | 15.5 | 16.0 | 0.97 U | 4 | 14.4 | 4 | 0.55 U | 1 | 10.7 | 4 | 1.1 U | 4 | 24.4 | 4 | NA | 402 | 7.83 | NA | NA |
| 107_K034_19.5 | 460-22912-17 | 2/8/2011 | 19.5 | 20.0 | 0.95 U | 4 | 15.3 | 4 | 0.55 U | 1 | 12.6 | 4 | 1 U | 4 | 20.3 | 4 | NA | 406 | 8.4 | NA | NA |
| 107_K036_0.0* | 460-22465-7 | 1/25/2011 | 0.0 | 0.5 | 0.94 U | 4 | 9.0 | 4 | 0.61 | 1 | 16.4 | 4 | 1 U | 4 | 37.6 | 4 | NA | 341 | 8.49 | NA | NA |
| 107_K036_3.5* | 460-22465-8 | 1/25/2011 | 3.5 | 4.0 | 1.2 | 4 | 27.8 | 4 | 0.62 U | 1 | 28.0 | 4 | 1.2 U | 4 | **82.5** | 4 | NA | 360 | 7.79 | NA | NA |
| 107_K036_7.5* | 460-22465-9 | 1/25/2011 | 7.5 | 8.0 | 1 U | 4 | 18.2 | 4 | 0.58 U | 1 | 29.6 | 4 | 1.1 U | 4 | 19.9 | 4 | NA | 358 | 8.23 | NA | NA |
| 107_K038_0.0 | 460-22506-12 | 1/26/2011 | 0.5 | 0.5 | 0.95 U | 4 | 17.1 | 4 | 0.58 U | 1 | 18.4 | 4 | 1 U | 4 | 28.8 | 4 | NA | 390 | 8.38 | NA | NA |
| 107_K038_3.5 | 460-22506-13 | 1/26/2011 | 3.5 | 4.0 | 1.2 | 4 | 32.6 | 4 | 0.6 U | 1 | 31.6 | 4 | 1.1 U | 4 | **78.3** | 4 | NA | 376 | 8.2 | NA | NA |
| 107_K038_7.5 | 460-22506-14 | 1/26/2011 | 7.5 | 8.0 | 1.1 U | 4 | 21.7 | 4 | 0.6 U | 1 | 33.5 | 4 | 1.2 U | 4 | 23.1 | 4 | NA | 375 | 8.32 | NA | NA |
| 107_K038_11.5 | 460-22506-15 | 1/26/2011 | 11.5 | 12.0 | 1 U | 4 | 20.2 | 4 | 0.56 U | 1 | 21.2 | 4 | 1.1 U | 4 | 28.3 | 4 | NA | 354 | 8.1 | NA | NA |
| 107_K038_15.5 | 460-22506-16 | 1/26/2011 | 15.5 | 16.0 | 1.2 U | 4 | 13.0 | 4 | 0.69 U | 1 | 13.9 | 4 | 1.3 U | 4 | 12.6 | 4 | NA | -78 | 11.5 | NA | NA |
| 107_K038_16.5 | 460-22506-17 | 1/26/2011 | 16.5 | 17.0 | 1.2 U | 4 | 15.2 | 4 | 0.7 U | 1 | 28.2 | 4 | 1.3 U | 4 | 20.1 | 4 | NA | 111 | 9.1 | NA | NA |
| 107_K038_20.5 | 460-22506-18 | 1/26/2011 | 20.5 | 21.0 | 1 U | 4 | 9.3 | 4 | 0.61 U | 1 | 12.0 | 4 | 1.1 U | 4 | 14.1 | 4 | NA | 304 | 8.09 | NA | NA |
| 107_K038_24.5 | 460-22506-19 | 1/26/2011 | 24.5 | 25.0 | 0.99 U | 4 | 13.8 | 4 | 0.56 U | 1 | 16.8 | 4 | 1.1 U | 4 | 18.8 | 4 | NA | 432 | 7.84 | NA | NA |
| 107_K040_0.0 | 460-22506-20 | 1/26/2011 | 0.0 | 0.5 | 0.92 U | 4 | 6.3 | 4 | 0.55 U | 1 | 12.1 | 4 | 1 U | 4 | 22.4 | 4 | NA | 406 | 8.06 | NA | NA |
| 107_K040_3.5 | 460-22506-21 | 1/26/2011 | 3.5 | 4.0 | 1.3 | 4 | 36.7 | 4 | 0.57 U | 1 | 29.8 | 4 | 1.1 U | 4 | **80.4** | 4 | NA | 354 | 8.1 | NA | NA |
| 107_K040_7.5 | 460-22506-22 | 1/26/2011 | 7.5 | 8.0 | 1.5 | 4 | 581 | 4 | 7.5 | 1 | 28.7 | 4 | 1.1 U | 4 | 23.2 | 4 | NA | 359 | 8.15 | NA | NA |
| 107_K040_11.5 | 460-22506-23 | 1/26/2011 | 11.5 | 12.0 | 1 U | 4 | 24.0 | 4 | 0.61 U | 1 | 56.8 | 4 | 1.1 U | 4 | 23 | 4 | NA | 358 | 8.43 | NA | NA |
| 107_K040_16.0 | 460-22506-24 | 1/26/2011 | 16.0 | 16.5 | 4.4 | 4 | 65.6 | 4 | 0.69 U | 1 | 63.5 | 4 | 1.4 U | 4 | 67.2 | 4 | NA | 228 | 9.49 | NA | NA |
| 107_K040_20.0 | 460-22506-25 | 1/26/2011 | 20.0 | 20.5 | 1.1 U | 4 | 15.2 | 4 | 0.6 U | 1 | 8.6 | 4 | 1.2 U | 4 | 21.6 | 4 | NA | 296 | 8.16 | NA | NA |
| 107_K040_24.0 | 460-22506-26 | 1/26/2011 | 24.0 | 24.5 | 0.93 U | 4 | 14.1 | 4 | 0.55 U | 1 | 13.6 | 4 | 1 U | 4 | 17.5 | 4 | NA | 344 | 8.02 | NA | NA |
| 107_K042_0.0 | 460-22560-22 | 1/28/2011 | 0.0 | 0.5 | 0.92 U | 4 | 7.8 | 4 | 8.2 | 1 | 20.8 | 4 | 1 U | 4 | 28.9 | 4 | NA | 411 | 8.63 | NA | NA |
| 107_K042_3.5 | 460-22560-23 | 1/28/2011 | 3.5 | 4.0 | 2.6 | 4 | 44.8 | 4 | 0.57 U | 1 | 17.7 | 4 | 1 U | 4 | 55.9 | 4 | NA | 337 | 8.16 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon;
†=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_K042_7.5 | 460-22560-24 | 1/28/2011 | 7.5 | 8.0 | 1 U | 4 | 21.3 | 4 | 0.58 U | 1 | 45.7 | 4 | 1.1 U | 4 | 24.3 | 4 | NA | 271 | 10.5 | NA | NA |
| 107_K042_11.5 | 460-22560-25 | 1/28/2011 | 11.5 | 12.0 | 0.96 U | 4 | 37.6 | 4 | 0.58 U | 1 | 15.7 | 4 | 1.1 U | 4 | 31.3 | 4 | NA | 306 | 8.3 | NA | NA |
| 107_K042_15.0 | 460-22560-26 | 1/28/2011 | 15.0 | 15.5 | 1.2 U | 4 | 10.2 | 4 | 0.68 U | 1 | 47.6 | 4 | 1.3 U | 4 | 17.7 | 4 | NA | 342 | 8.12 | NA | NA |
| 107_K042_19.0 | 460-22560-27 | 1/28/2011 | 19.0 | 19.5 | 1.1 U | 4 | 13.1 | 4 | 0.6 U | 1 | 12.2 | 4 | 1.2 U | 4 | 15.8 | 4 | NA | 346 | 8.47 | NA | NA |
| 107_K04223.0 | 460-22560-28 | 1/28/2011 | 23.0 | 23.5 | 0.98 U | 4 | 13.3 | 4 | 0.56 U | 1 | 11.9 | 4 | 1.1 U | 4 | 20.4 | 4 | NA | 425 | 7.65 | NA | NA |
| 107_K044_0.0 | 460-22638-18 | 1/31/2011 | 0.0 | 0.5 | 1.2 | 4 | 6.4 | 4 | 0.54 U | 1 | 9.9 | 4 | 1 U | 4 | 30.3 | 4 | NA | 346 | 8.08 | NA | NA |
| 107_K044_3.5 | 460-22638-19 | 1/31/2011 | 3.5 | 4.0 | 1 U | 4 | 33.1 | 4 | 0.59 U | 1 | 16.2 | 4 | 1.1 U | 4 | 25.8 | 4 | NA | 398 | 7.69 | NA | NA |
| 107_K044_7.5 | 460-22638-20 | 1/31/2011 | 7.5 | 8.0 | 1 U | 4 | 22.1 | 4 | 0.57 U | 1 | 45.1 | 4 | 1.1 U | 4 | 20.1 | 4 | NA | 393 | 8.08 | NA | NA |
| 107_K044_11.5 | 460-22638-21 | 1/31/2011 | 11.5 | 12.0 | 0.97 U | 4 | 68.0 | 4 | 0.55 U | 1 | 25.8 | 4 | 1.1 U | 4 | 34.6 | 4 | NA | 370 | 7.48 | NA | NA |
| 107_K044_14.5 | 460-22638-22 | 1/31/2011 | 14.5 | 15.0 | 1.1 U | 4 | 21.7 | 4 | 0.62 U | 1 | 57.9 | 4 | 1.2 U | 4 | 23.9 | 4 | NA | 216 | 10.2 | NA | NA |
| 107_K044_18.5 | 460-22638-23 | 1/31/2011 | 18.5 | 19.0 | 1.1 U | 4 | 14.6 | 4 | 0.61 U | 1 | 12.5 | 4 | 1.2 U | 4 | 27.7 | 4 | NA | 341 | 8.08 | NA | NA |
| 107_K044_22.5 | 460-22638-24 | 1/31/2011 | 22.5 | 23.0 | 0.95 U | 4 | 16.9 | 4 | 0.56 U | 1 | 13.9 | 4 | 1 U | 4 | 26.3 | 4 | NA | 358 | 7.8 | NA | NA |
| 107_K046_0.0 | 460-22638-25 | 1/31/2011 | 0.0 | 0.5 | 1 U | 4 | 28.2 | 4 | 0.59 U | 1 | 32.5 | 4 | 1.1 U | 4 | **153** | 4 | NA | 346 | 8.09 | NA | NA |
| 107_K046_3.5† | 460-22638-26 | 1/31/2011 | 3.5 | 4.0 | 1 U | 4 | 32.3 | 4 | 0.59 U | 1 | 35.9 | 4 | 1.1 U | 4 | **147** | 4 | NA | 344 | 7.99 | NA | NA |
| REP013111† | 460-22638-30 | 1/31/2011 | 3.5 | 4.0 | 3.9 | 4 | 31.4 | 4 | 0.58 U | 1 | 66.6 | 4 | 1.1 U | 4 | **165** | 4 | NA | 377 | 7.76 | NA | NA |
| 107_K046_11.5 | 460-22638-27 | 1/31/2011 | 11.5 | 12.0 | 1.7 | 4 | 46.1 | 4 | 0.76 U | 1 | 38.7 | 4 | 1.5 U | 4 | 27.8 | 4 | NA | 283 | 6.43 | NA | NA |
| 107_K046_15.5 | 460-22638-28 | 1/31/2011 | 15.5 | 16.0 | 1.4 U | 4 | 15.8 | 4 | 0.82 U | 1 | 12.0 | 4 | 1.6 U | 4 | 24.3 | 4 | NA | 313 | 5.94 | NA | NA |
| 107_K046_19.5 | 460-22638-29 | 1/31/2011 | 19.5 | 20.0 | 1 U | 4 | 24.5 | 4 | 0.58 U | 1 | 15.7 | 4 | 1.1 U | 4 | 35.3 | 4 | NA | 351 | 7.41 | NA | NA |
| 107_M020_0.0 | 460-23018-11 | 2/11/2011 | 0.0 | 0.5 | 1 U | 4 | 158 | 4 | 0.58 U | 1 | 38.6 | 4 | 1.1 U | 4 | **104** | 4 | NA | 418 | 8.2 | NA | NA |
| 107_M020_1.0/1.2 | 460-23018-15 | 2/11/2011 | 1.0 | 1.5 | 1 U | 4 | 2180 | 4 | **116** | 5 | 321 | 4 | 1.1 U | 4 | **734** | 4 | NA | 414 | 9.14 | NA | NA |
| 107_M020_2.5 | 460-23018-16 | 2/11/2011 | 2.5 | 3.0 | 3.1 U | 10 | 4600 | 10 | **239** | 5 | 457 | 10 | 3.4 U* | 10 | **701** | 10 | NA | 296 | 11.6 | NA | NA |
| 107_M020_3.0 | 460-23018-17 | 2/11/2011 | 3.0 | 3.5 | 3.9 | 4 | 3450 | 10 | **158** | 5 | 123 | 4 | 1.4 U | 4 | **217** | 4 | NA | 316 | 10.6 | NA | NA |
| 107_M020_3.5 | 460-23018-12 | 2/11/2011 | 3.5 | 4.0 | 1 U | 4 | 730 | 4 | 3.2 | 1 | 8.9 | 4 | 1.1 U | 4 | 11.7 | 4 | NA | 428 | 8.48 | NA | NA |
| 107_M020_7.5† | 460-23018-13 | 2/11/2011 | 7.5 | 8.0 | 0.94 U | 4 | 21.6 | 4 | 1.2 | 1 | 12.0 | 4 | 1 U | 4 | 17.4 | 4 | NA | 392 | 10 | NA | NA |
| REP021111-1† | 460-23018-8 | 2/11/2011 | 7.5 | 8.0 | 0.96 U | 4 | 24.5 | 4 | 1.2 | 1 | 12.5 | 4 | 1.1 U | 4 | 18.7 | 4 | NA | 368 | 10.4 | NA | NA |
| 107_M020_11.5 | 460-23018-14 | 2/11/2011 | 11.5 | 12.0 | 0.99 U | 4 | 18.8 | 4 | 1.3 | 1 | 12.0 | 4 | 1.1 U | 4 | 18.3 | 4 | NA | 421 | 8.52 | NA | NA |
| 107_M022_0.0 | 460-23018-1 | 2/11/2011 | 0.0 | 0.5 | 1.1 U | 4 | 449 | 4 | 0.72 | 1 | 68.0 | 4 | 1.2 U | 4 | **130** | 4 | NA | 425 | 7.87 | NA | NA |
| 107_M022_1.0/2.0 | 460-23018-2 | 2/11/2011 | 1.0 | 1.5 | 0.96 | 4 | 210 | 4 | 1.4 | 1 | 41.8 | 4 | 1 U | 4 | **99.1** | 4 | NA | 356 | 8.3 | NA | NA |
| 107_M022_4.0/4.5 | 460-23018-3 | 2/11/2011 | 4.0 | 4.5 | 1.8 | 4 | 66.1 | 4 | 7.7 | 1 | 15.5 | 4 | 1.2 U | 4 | 21.5 | 4 | NA | 535 | 8.4 | NA | NA |
| 107_M022_4.5 | 460-23018-4 | 2/11/2011 | 4.5 | 5.0 | 1 U | 4 | 40.2 | 4 | 0.58 U | 1 | 7.4 | 4 | 1.1 U | 4 | 17.9 | 4 | NA | 415 | 7.47 | NA | NA |
| 107_M022_8.5 | 460-23018-5 | 2/11/2011 | 8.5 | 9.0 | 1 U | 4 | 11.9 | 4 | 0.63 | 1 | 6.2 | 4 | 1.1 U | 4 | 12.8 | 4 | NA | 418 | 8.03 | NA | NA |
| 107_M022_12.5 | 460-23018-6 | 2/11/2011 | 12.5 | 13.0 | 0.91 U | 4 | 13.2 | 4 | 0.55 U | 1 | 13.4 | 4 | 1 U | 4 | 17.3 | 4 | NA | 418 | 8.51 | NA | NA |
| 107_M024_0.0 | 460-22995-33 | 2/10/2011 | 0.0 | 0.5 | 1.1 U | 4 | 137 | 4 | 0.62 U | 1 | 27.8 | 4 | 1.2 U | 4 | 66.5 | 4 | NA | 402 | 7.99 | NA | NA |
| 107_M024_0.5 | 460-22995-34 | 2/10/2011 | 0.5 | 2.0 | 0.96 U | 4 | 458 | 4 | 16.7 | 1 | 76.7 | 4 | 1.1 U | 4 | **128** | 4 | NA | 510 | 8.75 | NA | NA |
| 107_M024_2.0 | 460-22995-35 | 2/10/2011 | 2.0 | 2.5 | 1.6 | 4 | 152 | 4 | 3.2 | 1 | 21.4 | 4 | 1 U | 4 | 18.5 | 4 | NA | 507 | 8.25 | NA | NA |
| 107_M024_3.5 | 460-22995-36 | 2/10/2011 | 3.5 | 4.0 | 0.94 U | 4 | 20.4 | 4 | 0.54 U | 1 | 17.3 | 4 | 1 U | 4 | 22.2 | 4 | NA | 484 | 6.67 | NA | NA |
| 107_M024_7.5 | 460-22995-37 | 2/10/2011 | 7.5 | 8.0 | 1.2 U | 4 | 14.0 | 4 | 0.68 U | 1 | 11.0 | 4 | 1.3 U | 4 | 20.1 | 4 | NA | 336 | 6.9 | NA | NA |
| 107_M024_15.5 | 460-22995-38 | 2/10/2011 | 15.5 | 16.0 | 0.91 U | 4 | 14.9 | 4 | 0.53 U | 1 | 11.6 | 4 | 1 U | 4 | 17.3 | 4 | NA | 438 | 8.44 | NA | NA |
| 107_M026_0.0† | 460-22995-32 | 2/10/2011 | 0.0 | 0.5 | 0.96 U | 4 | 37.5 | 4 | 0.59 U | 1 | 17.4 | 4 | 1.1 U | 4 | 41.9 | 4 | NA | 393 | 8.1 | NA | NA |
| REP-021011-01† | 460-22995-39 | 2/10/2011 | 0.0 | 0.5 | 0.98 U | 4 | 36.8 | 4 | 0.54 U | 1 | 14.4 | 4 | 1.1 U | 4 | 22.4 | 4 | NA | 452 | 8.21 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_M026_0.5 | 460-22995-27 | 2/10/2011 | 0.5 | 3.0 | 1.1 U | 4 | 4360 | 20 | **223** | 5 | 309 | 4 | 1.2 U | 4 | **547** | 4 | NA | 303 | 9.7 | NA | NA |
| 107_M026_3.0 | 460-22995-28 | 2/10/2011 | 3.0 | 3.5 | 1 U | 4 | 189 | 4 | **58.2** | 1 | 19.2 | 4 | 1.1 U | 4 | 35.6 | 4 | NA | 306 | 9.88 | NA | NA |
| 107_M026_4.0 | 460-22995-29 | 2/10/2011 | 4.0 | 4.5 | 1.2 U | 4 | 534 | 4 | 6.2 | 1 | 13.3 | 4 | 1.3 U | 4 | 22.1 | 4 | NA | 466 | 8.41 | NA | NA |
| 107_M026_8.0 | 460-22995-30 | 2/10/2011 | 8.0 | 8.5 | 1.1 U | 4 | 11.1 | 4 | 0.63 U | 1 | 7.0 | 4 | 1.2 U | 4 | 16.2 | 4 | NA | 314 | 7.36 | NA | NA |
| 107_M026_12.0 | 460-22995-31 | 2/10/2011 | 12.0 | 12.5 | 0.94 U | 4 | 21.9 | 4 | 0.84 | 1 | 14.4 | 4 | 1 U | 4 | 26.1 | 4 | NA | 360 | 8.13 | NA | NA |
| 107_M028_0.0 | 460-22995-21 | 2/10/2011 | 0.0 | 0.5 | 1.6 | 4 | 416 | 4 | **80.4** | 2 | 100 | 4 | 1 U | 4 | **147** | 4 | NA | 444 | 8.7 | NA | NA |
| 107_M028_0.5 | 460-22995-22 | 2/10/2011 | 0.5 | 1.0 | 4.7 | 10 | 3950 | 10 | **225** | 5 | 510 | 10 | 3.3 U* | 10 | **648** | 10 | NA | 407 | 10 | NA | NA |
| 107_M028_1.0 | 460-22995-23 | 2/10/2011 | 1.0 | 1.5 | 21.2 | 20 | 11600 | 20 | **160** | 5 | 673 | 20 | **7.3 U*** | 20 | **734** | 20 | NA | 301 | 11.6 | NA | NA |
| 107_M028_3.5 | 460-22995-24 | 2/10/2011 | 3.5 | 4.0 | 0.95 U | 4 | 41.0 | 4 | 6.0 | 1 | 11.7 | 4 | 1 U | 4 | 18.2 | 4 | NA | 377 | 8.54 | NA | NA |
| 107_M028_7.5 | 460-22995-25 | 2/10/2011 | 7.5 | 8.0 | 1.1 U | 4 | 11.6 | 4 | 0.61 U | 1 | 9.0 | 4 | 1.2 U | 4 | 15.1 | 4 | NA | 264 | 7.71 | NA | NA |
| 107_M028_11.5 | 460-22995-26 | 2/10/2011 | 11.5 | 12.0 | 0.96 U | 4 | 7.3 | 4 | 0.55 U | 1 | 9.2 | 4 | 1.1 U | 4 | 11.6 | 4 | NA | 319 | 8.36 | NA | NA |
| 107_M030_0.0 | 460-22995-15 | 2/10/2011 | 0.0 | 0.5 | 1.8 | 4 | 748 | 4 | 3.9 | 1 | 111 | 4 | 1.2 U | 4 | **214** | 4 | NA | 355 | 8.07 | NA | NA |
| 107_M030_0.5 | 460-22995-16 | 2/10/2011 | 0.5 | 2.0 | 2.0 | 4 | 822 | 4 | **77.6** | 2 | 98.1 | 4 | 1.1 U | 4 | **134** | 4 | NA | 351 | 9.83 | NA | NA |
| 107_M030_2.5 | 460-22995-17 | 2/10/2011 | 2.5 | 3.0 | 0.97 U | 4 | 90.8 | 4 | 9.1 | 1 | 19.2 | 4 | 1.1 U | 4 | 25.7 | 4 | NA | 496 | 8.65 | NA | NA |
| 107_M030_3.5 | 460-22995-18 | 2/10/2011 | 3.5 | 4.0 | 0.92 U | 4 | 36.9 | 4 | 2.1 | 1 | 12.7 | 4 | 1 U | 4 | 21.1 | 4 | NA | 477 | 8.46 | NA | NA |
| 107_M030_7.5 | 460-22995-19 | 2/10/2011 | 7.5 | 8.0 | 1 U | 4 | 22.3 | 4 | 0.80 | 1 | 12.0 | 4 | 1.1 U | 4 | 38.4 | 4 | NA | 394 | 7.58 | NA | NA |
| 107_M030_11.5 | 460-22995-20 | 2/10/2011 | 11.5 | 12.0 | 1 U | 4 | 11.8 | 4 | 0.63 U | 1 | 12.2 | 4 | 1.1 U | 4 | 17.9 | 4 | NA | 319 | 7.2 | NA | NA |
| 107_M032_0.0 | 460-22995-9 | 2/10/2011 | 0.0 | 0.5 | 1.1 U | 4 | 89.8 | 4 | 1.3 | 1 | 26.5 | 4 | 1.2 U | 4 | **112** | 4 | NA | 415 | 8.38 | NA | NA |
| 107_M032_0.5 | 460-22995-10 | 2/10/2011 | 0.5 | 1.5 | 2.7 | 4 | 1470 | 4 | **189** | 5 | 179 | 4 | 1.1 U | 4 | **286** | 4 | NA | 367 | 10.5 | NA | NA |
| 107_M032_1.5 | 460-22995-11 | 2/10/2011 | 1.5 | 2.0 | 8.7 | 4 | 3130 | 10 | **263** | 5 | 355 | 4 | 1.6 U | 4 | **620** | 4 | NA | 371 | 10.5 | NA | NA |
| 107_M032_3.0 | 460-22995-12 | 2/10/2011 | 3.0 | 3.5 | 0.85 U | 4 | 138 | 4 | 3.0 | 1 | 20.1 | 4 | 0.93 U | 4 | 30.6 | 4 | NA | 405 | 8.84 | NA | NA |
| 107_M032_7.0 | 460-22995-13 | 2/10/2011 | 7.0 | 7.5 | 0.93 U | 4 | 12.1 | 4 | 0.88 | 1 | 10.5 | 4 | 1 U | 4 | 15.6 | 4 | NA | 413 | 8.01 | NA | NA |
| 107_M032_11.0 | 460-22995-14 | 2/10/2011 | 11.0 | 11.5 | 0.92 U | 4 | 10.7 | 4 | 0.57 U | 1 | 12.5 | 4 | 1 U | 4 | 16.9 | 4 | NA | 284 | 7.48 | NA | NA |
| 107_M034_0.0 | 460-22995-1 | 2/10/2011 | 0.0 | 0.5 | 1.2 | 4 | 41.1 | 4 | 0.57 U | 1 | 34.9 | 4 | 1.1 U | 4 | 65.8 | 4 | NA | 517 | 7.59 | NA | NA |
| 107_M034_3.0 | 460-22995-2 | 2/10/2011 | 3.0 | 3.5 | 2.7 | 4 | 606 | 4 | 1.5 | 1 | 75.3 | 4 | 1.1 U | 4 | **141** | 4 | NA | 517 | 8.05 | NA | NA |
| 107_M034_3.5 | 460-22995-3 | 2/10/2011 | 3.5 | 4.5 | 2.9 | 4 | 809 | 4 | 1.4 | 1 | 65.1 | 4 | 1.1 U | 4 | **117** | 4 | NA | 503 | 8.41 | NA | NA |
| 107_M034_5.0 | 460-22995-4 | 2/10/2011 | 5.0 | 5.5 | 0.9 U | 4 | 63.2 | 4 | 0.75 | 1 | 16.4 | 4 | 0.99 U | 4 | 25.2 | 4 | NA | 513 | 8.42 | NA | NA |
| 107_M034_7.5 | 460-22995-5 | 2/10/2011 | 7.5 | 8.0 | 0.97 U | 4 | 23.0 | 4 | 0.56 U | 1 | 16.5 | 4 | 1.1 U | 4 | 27.6 | 4 | NA | 500 | 8.42 | NA | NA |
| 107_M034_9.5 | 460-22995-6 | 2/10/2011 | 9.5 | 10.0 | 0.96 U | 4 | 33.0 | 4 | 0.64 | 1 | 10.8 | 4 | 1.1 U | 4 | 25.2 | 4 | NA | 471 | 8.27 | NA | NA |
| 107_M034_13.5 | 460-22995-7 | 2/10/2011 | 13.5 | 14.0 | 1 U | 4 | 9.4 | 4 | 0.58 U | 1 | 8.8 | 4 | 1.1 U | 4 | 15.3 | 4 | NA | 406 | 7.02 | NA | NA |
| 107_M034_17.5 | 460-22995-8 | 2/10/2011 | 17.5 | 18.0 | 0.97 U | 4 | 15.0 | 4 | 0.55 U | 1 | 16.9 | 4 | 1.1 U | 4 | 21.5 | 4 | NA | 412 | 8.17 | NA | NA |
| 107_M036_0.0 | 460-22948-13 | 2/9/2011 | 0.0 | 0.5 | 0.99 U | 4 | 28.4 | 4 | 0.56 U | 1 | 25.7 | 4 | 1.1 U | 4 | **78.4** | 4 | NA | 494 | 7.94 | NA | NA |
| 107_M036_3.5† | 460-22948-14 | 2/9/2011 | 3.5 | 4.0 | 2.2 | 4 | 58.9 | 4 | 0.6 U | 1 | 29.2 | 4 | 1.1 U | 4 | **102** | 4 | NA | 501 | 7.94 | NA | NA |
| REP-020911-1† | 460-22948-25 | 2/9/2011 | 3.5 | 4.0 | 1 | 4 | 60.2 | 4 | 0.60 U | 1 | 34.5 | 4 | 1.1 U | 4 | 71.8 | 4 | NA | 489 | 7.83 | NA | NA |
| 107_M036_7.5 | 460-22948-15 | 2/9/2011 | 7.5 | 8.0 | 2.4 | 4 | 42.3 | 4 | 1.0 | 1 | 15.6 | 4 | 1.1 U | 4 | 26.8 | 4 | NA | 489 | 8.15 | NA | NA |
| 107_M036_8.5 | 460-22948-16 | 2/9/2011 | 8.5 | 9.0 | 0.94 U | 4 | 26.4 | 4 | 0.55 U | 1 | 16.4 | 4 | 1 U | 4 | 25.7 | 4 | NA | 488 | 8.01 | NA | NA |
| 107_M036_12.5 | 460-22948-17 | 2/9/2011 | 12.5 | 13.0 | 0.99 U | 4 | 17.0 | 4 | 0.58 U | 1 | 14.2 | 4 | 1.1 U | 4 | 24.8 | 4 | NA | 444 | 7.97 | NA | NA |
| 107_M036_16.5 | 460-22948-18 | 2/9/2011 | 16.5 | 17.0 | 0.99 U | 4 | 18.3 | 4 | 0.57 U | 1 | 18.0 | 4 | 1.1 U | 4 | 25.5 | 4 | NA | 451 | 7.99 | NA | NA |
| 107_M038_0.0 | 460-22948-1 | 2/9/2011 | 0.0 | 0.5 | 1.4 | 4 | 26.9 | 4 | 0.64 U | 1 | 25.8 | 4 | 1.2 U | 4 | **81.2** | 4 | NA | 405 | 7.71 | NA | NA |
| 107_M038_3.5 | 460-22948-2 | 2/9/2011 | 3.5 | 4.0 | 1 U | 4 | 1030 | 4 | 0.66 | 1 | 129 | 4 | 1.1 U | 4 | **230** | 4 | NA | 415 | 7.97 | NA | NA |

Table 4
PPG Site 107: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED; NC= NO CRITERIA;
U= CONSTITUENT NOT DETECTED
**BOLD RESULT**=EXCEEDS NJDEP RDCSRS OR NRDCSRS; (Result)*= MDL EXCEEDS ONE OR MORE SOIL STANDARD, *(Sample ID)= sample rejected upon data validation review; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

| | | | | | Antimony | | Chromium | | Hexavalent Chromium | | Nickel | | Thallium | | Vanadium | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NJDEP SRS RDCSRS | mg/kg **31** | NJDEP SRS RDCSRS | mg/kg **NC** | NJDEP SRS RDCSRS | mg/kg **20** | NJDEP SRS RDCSRS | mg/kg **1,600** | NJDEP SRS RDCSRS | mg/kg **5** | NJDEP SRS RDCSRS | mg/kg **78** | | | | | |
| | | | | | NRDCSRS | **450** | NRDCSRS | **NC** | NRDCSRS | **20** | NRDCSRS | **23,000** | NRDCSRS | **79** | NRDCSRS | **1100** | | | | | |
| Sample ID | Laboratory ID | Sample Date | Start Depth (ft) | End Depth (ft) | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Result (mg/kg) | DF | Ferrous Iron (mg/L) | ORP (mV) | pH | TOC (mg/kg) | Total Sulfide (mg/kg) |
| 107_M038_8.0 | 460-22948-3 | 2/9/2011 | 8.0 | 8.5 | 0.94 U | 4 | 35.4 | 4 | 0.54 U | 1 | 25.1 | 4 | 1 U | 4 | 24.8 | 4 | NA | 409 | 8.04 | NA | NA |
| 107_M038_12.0 | 460-22948-4 | 2/9/2011 | 12.0 | 12.5 | 0.91 U | 4 | 16.2 | 4 | 0.52 U | 1 | 13.1 | 4 | 1 U | 4 | 20.6 | 4 | NA | 401 | 8.04 | NA | NA |
| 107_M038_16.0 | 460-22948-5 | 2/9/2011 | 16.0 | 16.5 | 1 U | 4 | 12.5 | 4 | 0.6 U | 1 | 12.9 | 4 | 1.2 U | 4 | 20.5 | 4 | NA | 408 | 7.88 | NA | NA |
| 107_M040_0.0* | 460-22948-38 | 2/9/2011 | 0.0 | 0.5 | 1.1 | 4 | 27.2 | 4 | 0.63 U | 1 | 27.1 | 4 | 1.2 U | 4 | **86.3** | 4 | NA | 377 | 7.69 | NA | NA |
| 107_M040_3.5* | 460-22948-39 | 2/9/2011 | 3.5 | 4.0 | 1.3 | 4 | 53.6 | 4 | 0.59 U | 1 | 22.4 | 4 | 1.1 U | 4 | 36.7 | 4 | 0.37 U | 380 | 7.74 | 63700 | 3.8 U |
| 107_M040_7.5* | 460-22948-40 | 2/9/2011 | 7.5 | 8.0 | 14.7 | 4 | 948 | 4 | 0.54 U | 1 | 44.6 | 4 | 1 U | 4 | 49.2 | 4 | NA | 370 | 7.9 | NA | NA |
| 107_M040_8.5* | 460-22948-41 | 2/9/2011 | 8.5 | 9.0 | 1.2 | 4 | 273 | 4 | 0.57 U | 1 | 28.1 | 4 | 1.1 U | 4 | 34.3 | 4 | NA | 366 | 8.19 | NA | NA |
| 107_M040_12.5* | 460-22948-42 | 2/9/2011 | 12.5 | 13.0 | 1.1 U | 4 | 11.4 | 4 | 0.66 U | 1 | 11.2 | 4 | 1.2 U | 4 | 16.9 | 4 | NA | 348 | 7.56 | NA | NA |
| 107_M040_16.5* | 460-22948-43 | 2/9/2011 | 16.5 | 17.0 | 0.95 U | 4 | 11.0 | 4 | 0.57 U | 1 | 6.4 | 4 | 1.1 U | 4 | 19.3 | 4 | NA | 317 | 7.49 | NA | NA |
| 107_M042_0.5* | 460-22948-32 | 2/9/2011 | 0.5 | 1.0 | 1.2 | 4 | 40.4 | 4 | 0.79 | 1 | 39.6 | 4 | 1.1 U | 4 | **81.5** | 4 | NA | 397 | 7.85 | NA | NA |
| 107_M042_3.5* | 460-22948-33 | 2/9/2011 | 3.5 | 4.0 | 1.0 | 4 | 48.2 | 4 | 0.57 U | 1 | 16.8 | 4 | 1.1 U | 4 | 25.1 | 4 | NA | 411 | 7.79 | NA | NA |
| 107_M042_7.5* | 460-22948-34 | 2/9/2011 | 7.5 | 8.0 | 7.2 | 4 | 58.8 | 4 | 0.6 U | 1 | 45.9 | 4 | 1.1 U | 4 | 30.8 | 4 | NA | 406 | 8.17 | NA | NA |
| 107_M042_8.5* | 460-22948-35 | 2/9/2011 | 8.5 | 9.0 | 0.94 U | 4 | 40.5 | 4 | 0.53 U | 1 | 21.7 | 4 | 1 U | 4 | 24.5 | 4 | NA | 403 | 8.18 | NA | NA |
| 107_M042_12.5* | 460-22948-36 | 2/9/2011 | 12.5 | 13.0 | 0.99 U | 4 | 13.4 | 4 | 0.59 U | 1 | 10.4 | 4 | 1.1 U | 4 | 21.4 | 4 | NA | 321 | 7.49 | NA | NA |
| 107_M042_16.5* | 460-22948-37 | 2/9/2011 | 16.5 | 17.0 | 1.1 U | 4 | 14.7 | 4 | 0.63 U | 1 | 12.4 | 4 | 1.2 U | 4 | 23.1 | 4 | NA | 353 | 7.96 | NA | NA |
| 107_M044_0.5 | 460-22948-27 | 2/9/2011 | 0.5 | 1.0 | 1.1 U | 4 | 22.0 | 4 | 0.61 U | 1 | 25.0 | 4 | 1.2 U | 4 | **96.4** | 4 | NA | 481 | 7.85 | NA | NA |
| 107_M044_3.5 | 460-22948-28 | 2/9/2011 | 3.5 | 4.0 | 0.95 U | 4 | 30.2 | 4 | 0.57 U | 1 | 18.9 | 4 | 1 U | 4 | 25.9 | 4 | NA | 434 | 8.36 | NA | NA |
| 107_M044_7.5* | 460-22948-29 | 2/9/2011 | 7.5 | 8.0 | 1 U | 4 | 110 | 4 | 0.59 U | 1 | 48.6 | 4 | 1.1 U | 4 | 27.7 | 4 | NA | 440 | 8 | NA | NA |
| 107_M044_11.5* | 460-22948-30 | 2/9/2011 | 11.5 | 12.0 | 0.99 U | 4 | 14.5 | 4 | 0.6 U | 1 | 11.5 | 4 | 1.1 U | 4 | 23 | 4 | NA | 372 | 7.62 | NA | NA |
| 107_M044_15.5* | 460-22948-31 | 2/9/2011 | 15.5 | 16.0 | 0.99 U | 4 | 14.1 | 4 | 0.6 U | 1 | 11.4 | 4 | 1.1 U | 4 | 24.6 | 4 | NA | 386 | 7.47 | NA | NA |
| 107_M046_0.0 | 460-22912-18 | 2/8/2011 | 0.0 | 0.5 | 1.4 | 4 | 34.2 | 4 | 0.63 U | 1 | 39.8 | 4 | 1.2 U | 4 | 64.3 | 4 | NA | 415 | 7.73 | NA | NA |
| 107_M046_3.5 | 460-22912-19 | 2/8/2011 | 3.5 | 4.0 | 1.4 | 4 | 28.3 | 4 | 5.2 | 1 | 15.3 | 4 | 1.1 U | 4 | 23.1 | 4 | NA | 458 | 7.92 | NA | NA |
| 107_M046_8.0 | 460-22912-20 | 2/8/2011 | 8.0 | 8.5 | 10.1 | 4 | 144 | 4 | 0.59 U | 1 | 50.1 | 4 | 1.1 U | 4 | 71.3 | 4 | NA | 447 | 7.55 | NA | NA |
| 107_M046_12.0 | 460-22912-21 | 2/8/2011 | 12.0 | 12.5 | 1 U | 4 | 13.4 | 4 | 0.61 U | 1 | 11.4 | 4 | 1.1 U | 4 | 20.2 | 4 | NA | 351 | 7.42 | NA | NA |
| 107_M046_16.0 | 460-22912-22 | 2/8/2011 | 16.0 | 16.5 | 1.2 U | 4 | 15.5 | 4 | 0.7 U | 1 | 11.4 | 4 | 1.4 U | 4 | 26 | 4 | NA | 402 | 7.08 | NA | NA |