

Table 17

Positive Hits Table Groundwater Samples
Delineation Investigation

Site 16 Remedial Investigation Report
PPG Industries, Inc.
Jersey City, New Jersey

| LOCATION SAMPLE ID SAMPLE DATE | GWQS | 016_MW01 016_MW01_20130130 20130130 | 016_MW02 016_MW02_20130131 20130131 | 016_MW03 016_MW03_20130131 20130131 | 016_MW04 016_MW04_20130131 20130131 | 016_MW05 016_MW05_20130130 20130130 | 016_MW06 016_MW06_20130130 20130130 | 016_MW07 016_MW07_20130131 20130131 | 016_MW08 016_MW08_20130201 20130201 |
|--|------|---|---|---|---|---|---|---|---|
| METALS (UG/L) | | | | | | | | | |
| ANTIMONY | 6 | 1.9 U | 1.9 U | 1.9 U | 1.9 U | 1.9 U | 1.9 U | 4.9 | 1.9 U |
| CHROMIUM | 70 | 17.6 | 720 | 54.7 | 6.5 | 7.3 | 4.5 J | 742 | 147 |
| NICKEL | 100 | 14.6 | 31.3 | 4.1 U | 4.1 U | 10.4 | 4.1 U | 78.7 | 4.1 U |
| THALLIUM | 2 | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U |
| VANADIUM | 60 | 18.5 | 36.8 | 12.3 | 6.1 | 6.2 | 4.1 J | 84.1 | 8.6 |
| MISCELLANEOUS PARAMETERS (UG/L) | | | | | | | | | |
| HEXAVALENT CHROMIUM | NC | 3.2 U | 3.2 U | 3.2 U | 3.2 U | 3.2 J | 3.2 U | 16 U | 27.9 J |
| MISCELLANEOUS PARAMETERS (S.U.) | | | | | | | | | |
| CORROSIVITY | NC | NA | NA | NA | NA | NA | NA | NA | 7.91 |
| PH | NC | 5.91 | 7.76 | 7.59 | 6.53 | 6.03 | 8.21 | 7.78 | 7.91 |
| MISCELLANEOUS PARAMETERS (MV) | | | | | | | | | |
| OXIDATION REDUCTION POTENTIAL | NC | 402 | 343 | 520 | 304 | 360 | 558 | 415 | 372 |

U = NON DETECT

J = ESTIMATED

NC = NO CRITERIA

NA = NOT APPLICABLE

GWQS = NJDEP GROUNDWATER
QUALITY STANDARDS

**DETECTION EXCEEDS GROUNDWATER QUALITY
STANDARD**

**NON-DETECTION EXCEEDS GROUNDWATER QUALITY
STANDARD**

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| LOCATION SAMPLE ID SAMPLE DATE | GWQS | 016_MW10 016_MW10_20130201 20130201 | 016_MW11 016_MW11_20130201 20130201 | PPG4_MW02_11.8 PPG4_MW02_11.8_20130130 20130130 | PPG4_MW02_14.1 PPG4_MW02_14.1_20130130 20130130 | PPG4_MW15_6.0 PPG4_MW15_6.0_20130131 20130131 | PPG4_MW15_8.0 PPG4_MW15_8.0_20130131 20130131 |
|--|------|---|---|---|---|---|---|
| METALS (UG/L) | | | | | | | |
| ANTIMONY | 6 | 1.9 U | 1.9 U | 1.9 U | 1.9 U | 1.9 J | 2.2 J |
| CHROMIUM | 70 | 3.9 U | 6.8 | 4.7 J | 4.7 J | 14 | 15.5 |
| NICKEL | 100 | 4.1 U | 4.1 U | 4.1 U | 4.1 U | 5.8 | 6.7 |
| THALLIUM | 2 | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U |
| VANADIUM | 60 | 4.5 J | 6.6 | 3.8 U | 4.7 J | 18.2 | 17.2 |
| MISCELLANEOUS PARAMETERS (UG/L) | | | | | | | |
| HEXAVALENT CHROMIUM | NC | 3.2 U | 3.2 U | 3.2 U | 3.2 U | 3.2 U | 3.2 U |
| MISCELLANEOUS PARAMETERS (S.U.) | | | | | | | |
| CORROSIVITY | NC | 6.4 | 7.57 | NA | NA | NA | NA |
| PH | NC | 6.4 | 7.57 | 6.11 | 6.09 | 5.58 | 5.45 |
| MISCELLANEOUS PARAMETERS (MV) | | | | | | | |
| OXIDATION REDUCTION POTENTIAL | NC | 343 | 384 | 365 | 367 | 422 | 420 |

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QUALITY STANDARDS

DETECTION EXCEEDS GROUNDWATER QUALITY
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NON-DETECTION EXCEEDS GROUNDWATER QUALITY
STANDARD