

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
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