

Table 13

Positive Hits Table for Soil Samples
Delineation Investigation
Minimum Soil Remediation Standard/Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	016_J019			
			016_J019_0.0 20121220 0	016_J019_5.0 20121220 5	016_J019_10.0 20121220 10	016_J019_15.0 20121220 15
METALS (MG/KG)						
ANTIMONY	31	RDC SRS	0.4 U	0.43 U	0.45 U	1.6
CHROMIUM	120000	CrSCC	15.6	198	55.4	68.3
NICKEL	650* / 1600	IGW SSL* / RDC SRS	9.7	7.6	6.8	42.3
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.19 U	0.21 U	0.21 U	0.34 U
VANADIUM	78	RDC SRS	12.7	19	13.3	39.7
MISCELLANEOUS PARAMETERS (MG/KG)						
HEXAVALENT CHROMIUM	20	CrSCC	0.82 U	0.87 U	0.91 U	1.4 U
MISCELLANEOUS PARAMETERS (MV)						
OXIDATION REDUCTION POTENTIAL	NC	NA	465	449	435	328
MISCELLANEOUS PARAMETERS (S.U.)						
PH	NC	NA	8.6	8.39	8.51	8.56

U = NON DETECT

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IGW SSL = IMPACT TO GROUNDWATER SOIL SCREENING LEVEL

RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD

CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)

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			016_K013a_0.0_20130114 20130114 0	016_K013a_5.0_20130114 20130114 5	016_K013a_10.0_20130114 20130114 10	016_K013a_15.5_20130114 20130114 15.5	016_K013a_19.5_20130114 20130114 19.5	016_K013a_24.0_20130114 20130114 24
METALS (MG/KG)								
ANTIMONY	31	RDC SRS	0.55 J	0.43 U	0.39 U	0.42 U	0.51 U	0.68 U
CHROMIUM	120000	CrSCC	3240 J	341 J	403 J	71.9 J	26.5 J	10.9 J
NICKEL	650* / 1600	IGW SSL* / RDC SRS	273 J	6.6 J	15.2 J	10 J	21 J	11.1 J
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.21 U	0.2 U	0.19 U	0.2 U	0.24 U	0.32 U
VANADIUM	78	RDC SRS	391 J	8.1 J	22.8 J	11.6 J	28.3 J	15.2 J
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	20	CrSCC	0.59 U	0.6 U	1.6 J	0.61 U	0.77 U	0.95 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	NA	392	455	411	415	416	346
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	NA	10.2	9.1	9.52	8.97	8.41	7.55

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			016_L013_0.0_20130114 20130114 0	016_L013_5.0_20130114 20130114 5	016_L013_10.0_20130114 20130114 10	016_L013_10.0_20130114-D 20130114 10	016_L013_15.5_20130114 20130114 15.5	016_L013_20.0_20130114 20130114 20	016_L013_24.0_20130114 20130114 24
METALS (MG/KG)									
ANTIMONY	31	RDC SRS	0.42 U	0.39 U	0.41 U	0.42 U	0.41 U	0.53 U	0.61 U
CHROMIUM	120000	CrSCC	21 J	67.8 J	51.4 J	45.7 J	9.8 J	23.2 J	9.8 J
NICKEL	650* / 1600	IGW SSL* / RDC SRS	12.4 J	8.3 J	8 J	8.1 J	10.7 J	17.3 J	8.7 J
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.2 U	0.18 U	0.2 U	0.2 U	0.2 U	0.25 U	0.29 U
VANADIUM	78	RDC SRS	13.4 J	9.7 J	8.5 J	8.4 J	11 J	22.7 J	14.7 J
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	20	CrSCC	0.57 U	1.2 J	0.58 U	0.56 U	0.56 U	0.74 U	0.82 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	NA	392	402	402	463	436	425	403
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	NA	8.41	8.93	8.39	8.91	8.55	8.43	7.65

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			016_G020_0.0 20130115 0	016_G020_5.0 20130115 5	016_L020_0.0 20130115 0	016_L020_0.5 20130115 0.5	016_L020_1.0 20130115 1	016_L020_5.0 20130115 5	016_L020_10.0 20130115 10	016_L020_15.0 20130115 15	016_L020_19.0 20130115 19	016_J020_0.0 20130115 0	016_J020_3.5 20130115 3.5
METALS (MG/KG)													
ANTIMONY	31	RDC SRS	0.77	0.37 U	0.39 U	0.63	0.37 U	0.44 U	0.49 U	0.42 U	0.46 U	0.37 U	2.1
CHROMIUM	120000	CrSCC	39	30.7	60.8	579	22.9	16.1	17.6	50	11.1	18.1	926
NICKEL	650* / 1600	IGW SSL* / RDC SRS	28.4	26.1	23.3	47.9	11.1	8.6	17.1	9.3	12.2	13.8	87.8
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.18 U	0.48	0.18 U	0.19 U	0.18 U	0.21 U	0.23 U	0.2 U	0.22 U	0.17 U	0.18 U
VANADIUM	78	RDC SRS	33.6	67.8	30.9	67.6	16.5	7.4	18.7	7.9	12.7	12.3	97
MISCELLANEOUS PARAMETERS (MG/KG)													
HEXAVALENT CHROMIUM	20	CrSCC	0.57 U	0.55 U	0.5 U	1.7 J	0.53 U	0.6 U	0.68 U	0.58 U	0.66 U	0.55 U	5.4
MISCELLANEOUS PARAMETERS (MV)													
OXIDATION REDUCTION POTENTIAL	NC	NA	449	449	398	436	443	481	334	453	362	406	426
MISCELLANEOUS PARAMETERS (S.U.)													
PH	NC	NA	9.04	8.63	9.33	8.23	8.54	8.97	7.85	9.01	8.02	8.86	8.35

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