

Table 13
 Positive Hits Table for Soil Samples
 Delineation Investigation
 Minimum Soil Remediation Standard/Screening Level

Sites 63 and 65 Remedial Investigation Report
 PPG Industries, Inc.
 Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP OF SAMPLE	MINIMUM STANDARD/ SCREENING LEVEL	STANDARD/ SCREENING LEVEL SOURCE	063_B006A						
			063_B006A_0.5 20121218 0.5	063_B006A_1.0 20121218 1	063_B006A_1.5 20121218 1.5	063_B006A-9.0 20121218 9	063_B006A-13.0 20121218 13	063_B006A-13.0-D 20121218 13	063_B006A_17.0 20121218 17
METALS (MG/KG)									
ANTIMONY	6* / 31	IGW SSL* / RDC SRS	0.43 U	0.92	0.45 J	0.38 U	0.39 U	0.41 U	0.43 U
CHROMIUM	120000	CrSCC	1920	3120	3280	19.9	20.4	22.2	20.1
NICKEL	650* / 1600	IGW SSL* / RDC SRS	32	56.5	31.7	17.9	8	7.7	13.3
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.2 U	0.32	0.28	0.18 U	0.19 U	0.2 U	0.2 U
VANADIUM	78	RDC SRS	37.4	66.3	31.6	24.7	28.8	30.3	20
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	20	CrSCC	13.2	44.8	19.4	2.2 J	1.8 J	1.5 J	0.86 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	NA	290	271	256	368	360	388	411
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	NA	11.8	12	11.7	9.27	7.69	7.7	8.46

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 CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)
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EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING CRITERIA

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			063_C013_0.0	063_C013_0.5	063_C013_5.0	063_C013_10.0	063_C013_15.0	063_C013_20.0
			20121217 0	20121217 0.5	20121217 5	20121217 10	20121217 15	20121217 20
METALS (MG/KG)								
ANTIMONY	6* / 31	IGW SSL* / RDC SRS	2.6	1.2	0.42 U	0.41 U	1.2 U	0.41 U
CHROMIUM	120000	CrSCC	3400	389	86.7	16.5	14.9	14.3
NICKEL	650* / 1600	IGW SSL* / RDC SRS	321	32.6	12.2	13.4	12.4	11
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.23 U	0.22 U	0.2 U	0.19 U	0.58 U	0.19 U
VANADIUM	78	RDC SRS	313	64.3	20.6	20.6	20.1	22
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	20	CrSCC	12.1	3.4	0.85 U	0.85 U	2.4 U	0.83 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	NA	443	523	444	434	348	384
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	NA	8.62	8.43	8.52	8.56	8.25	8.72

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			063_C014_0.0 20121217 0	063_C014_0.5 20121217 0.5	063_C014_1.5 20121217 1.5	063_C014_5.0 20121217 5	063_C014_12.0 20121217	063_C014_15.0 20121217 15	063_C014_20.0 20121217 20
METALS (MG/KG)									
ANTIMONY	6* / 31	IGW SSL* / RDC SRS	0.44 UJ	0.75 J	0.8 J	0.42 UJ	0.45 UJ	0.87 UJ	0.4 UJ
CHROMIUM	120000	CrSCC	335	1090	138	233	21	34.2	18.6
NICKEL	650* / 1600	IGW SSL* / RDC SRS	47.7	175	19	12	17.9	29.7	11.1
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.41 U	0.19 U
VANADIUM	78	RDC SRS	59.6	220	31.9	15.9	24.3	38.6	25.7
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	20	CrSCC	1.8 J	20.8	1.1 J	5.7	0.93 U	1.8 U	0.9 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	NA	263	469	450	501	424	344	360
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	NA	10.8	8.12	8.22	8.13	8.62	8.1	8.59

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			063_D002_0.0 20121218 0	063_D002_11.0 20121218 11	063_D002_7.0 20121218 7	063_D002_15.0 20121218 15	063_F010_0.0 20121217 0	063_F010_5.0 20121217 5	063_F010_10.0 20121217 10	063_F010_15.0 20121217 15	063_F010_20.0 20121217 20
METALS (MG/KG)											
ANTIMONY	6* / 31	IGW SSL* / RDC SRS	0.43 U	0.42 U	0.53 U	0.37 U	3.3	0.46 U	0.42 U	0.4 U	0.41 U
CHROMIUM	120000	CrSCC	279	27	18.7	16.5	154	15.1	24.7	14.1	16.8
NICKEL	650* / 1600	IGW SSL* / RDC SRS	26.7	18	15.9	10.9	65.2	12.5	14.4	9.2	10
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.2 U	0.21 J	0.25 U	0.18 J	0.2 U	0.22 U	0.2 U	0.19 U	0.2 U
VANADIUM	78	RDC SRS	55.2	38.1	26.6	25	44	21.6	28.7	21	27.7
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM	20	CrSCC	1.2 J	0.86 U	1.1 U	2.9	1.6 J	1.1 J	0.86 U	0.83 U	0.85 U
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	NC	NA	402	374	341	454	514	450	452	451	450
MISCELLANEOUS PARAMETERS (S.U.)											
PH	NC	NA	8.34	7.67	6.62	8.25	8.21	8.32	8.59	8.69	8.54

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			063_Z002_0.0 20121219 0	063_Z002_8.5 20121219 8.5	063_Z002_12.0 20121219 12	063_Z002_12.0- 20121219 12	063_Z002_12.0-D 20121219 12	063_Z002_16.5 20121219 16.5
METALS (MG/KG)								
ANTIMONY	6* / 31	IGW SSL* / RDC SRS	0.38 J	0.4 UJ	0.38 UJ	0.38 U	0.38 UJ	0.42 U
CHROMIUM	120000	CrSCC	1580	15.2	14.5	15.45	16.4	15.5 J
NICKEL	650* / 1600	IGW SSL* / RDC SRS	67.6	13.8	9.5	9.45	9.4	11.1 J
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.2 U
VANADIUM	78	RDC SRS	68.3	22	18.7	17.9	17.1	23 J
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	20	CrSCC	0.88 U	0.87 U	0.85 U	0.83 U	0.81 U	0.83 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	NA	369	366	393	414.5	436	432
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	NA	8.88	7.89	8.26	8.305	8.35	8.47

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			063_Z005_0.5 20121221 0.5	063_Z005_5.0 20121221 5	063_Z005_10.0 20121221 10	063_Z005_15.0 20121221 15	063_Z005_20.0 20121221 20	063_Z009_0.5 20121221 0.5	063_Z009_5.0 20121221 5	063_Z009_10.0 20121221 10	063_Z009_15.0 20121221 15	063_Z009_20.0 20121221 20
METALS (MG/KG)												
ANTIMONY	6* / 31	IGW SSL* / RDC SRS	0.36 UJ	1.9 J	0.66 UJ	0.4 UJ	0.44 UJ	0.53 UJ	0.72 J	0.81 UJ	0.41 UJ	0.39 UJ
CHROMIUM	120000	CrSCC	9.6	860	245	21.8	11.6	75.1	3320	142	52.1	29.5
NICKEL	650* / 1600	IGW SSL* / RDC SRS	9.3	9.9	26.2	10	9.5	21.4	12.2	18.2	15.9	14.1
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.17 U	0.2 U	0.31 U	0.19 U	0.21 U	0.46	0.21 U	0.38 U	0.19 U	0.19 J
VANADIUM	78	RDC SRS	19 J	20.6 J	25.8 J	19.7 J	16.2 J	67.9 J	27.4 J	30.3 J	34.5 J	32.1 J
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	20	CrSCC	0.8 U	0.95 U	1.4 U	0.81 U	0.85 U	1.1 U	0.86 U	1.7 U	0.93 U	0.83 U
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	NC	NA	379	171	138	349	374	433	384	374	343	435
MISCELLANEOUS PARAMETERS (S.U.)												
PH	NC	NA	8.51	10.2	8.76	8.18	7.28	8.23	8.9	8.11	8.52	7.96

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			063_Z011_0.0 20121220 0	063_Z011_5.0 20121220 5	063_Z011_5.0-AVG 20121220 5	063_Z011_5.0-D 20121220 5	063_Z011_10.5 20121220 10.5	063_Z011_15.0 20121220 15	063_Z011_20.0 20121220 20
METALS (MG/KG)									
ANTIMONY	6* / 31	IGW SSL* / RDC SRS	2.6	0.76	0.765	0.77	0.43 U	0.39 UJ	0.4 UJ
CHROMIUM	120000	CrSCC	25.3	1950	1850	1750	28.8	32 J	21.4 J
NICKEL	650* / 1600	IGW SSL* / RDC SRS	24.7	11.5	11.6	11.7	9.2	12.4	14.6
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.32	0.2 U	0.205 U	0.21 U	0.2 U	0.18 U	0.23
VANADIUM	78	RDC SRS	41.3	27.8	27.5	27.2	19.8	25.9	28.9
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	20	CrSCC	0.94 U	0.99 J	1.645	2.3	0.86 U	0.82 U	0.82 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	NA	369	344	349.5	355	314	427	453
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	NA	8.34	9.78	9.73	9.68	8.96	8.32	8.49

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			063_Z013_1.5	063_Z013_5.5	063_Z013_10.0	063_Z013_15.0	063_Z013_15.0-D	063_Z013_20.0
			20121219 1.5	20121219 5.5	20121219 10	20121219 15	20121219 15	20121219 20
METALS (MG/KG)								
ANTIMONY	6* / 31	IGW SSL* / RDC SRS	1.6 J	0.43 UJ	2 J	1.4 UJ	1.4 UJ	0.41 UJ
CHROMIUM	120000	CrSCC	93 J	8.1 J	31.6 J	48.9 J	18.3 J	18.2 J
NICKEL	650* / 1600	IGW SSL* / RDC SRS	26.5	6.4	14.8	20.4	21.7	10.2
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.44	0.2 U	0.27 U	0.64 U	0.64 U	0.2 U
VANADIUM	78	RDC SRS	69.7	8.7	19.5	24.2	22.7	19.9
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	20	CrSCC	1 U	0.89 U	1.1 U	3 U	2.7 U	0.85 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	NA	467	431	424	293	271	398
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	NA	8.11	8.42	7.97	7.96	7.92	8.92

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