

**Table 13B**  
**Table of Exceedances for Soil Samples**  
**Delineation Investigation**  
**Non-Residential Direct Contact Soil Remediation Standard**

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

LOCATION SAMPLE ID SAMPLE_DATE TOP OF SAMPLE	NRDC SRS	NUMBER OF EXCEEDANCES DETECTION/NON- DETECTION	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-AVG 20121218 13	063_B006A-13.0-D 20121218 13	063_B006A_17.0 20121218 17
<b>METALS (MG/KG)</b>										
ANTIMONY	450	0/0	0.43 U	0.92	0.45 J	0.38 U	0.39 U	0.4 U	0.41 U	0.43 U
CHROMIUM	NC	NA	1920	3120	3280	19.9	20.4	21.3	22.2	20.1
NICKEL	23000	0/0	32	56.5	31.7	17.9	8	7.85	7.7	13.3
THALLIUM	79	0/0	0.2 U	0.32	0.28	0.18 U	0.19 U	0.195 U	0.2 U	0.2 U
VANADIUM	1100	0/0	37.4	66.3	31.6	24.7	28.8	29.55	30.3	20
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	NC	NA	13.2	44.8	19.4	2.2 J	1.8 J	1.65	1.5 J	0.86 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	NA	290	271	256	368	360	374	388	411
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	NA	11.8	12	11.7	9.27	7.69	7.695	7.7	8.46

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LOCATION SAMPLE ID SAMPLE DATE TOP OF SAMPLE	NRDC SRS	063_C013					
		063_C013_0.0 20121217 0	063_C013_0.5 20121217 0.5	063_C013_5.0 20121217 5	063_C013_10.0 20121217 10	063_C013_15.0 20121217 15	063_C013_20.0 20121217 20
<b>METALS (MG/KG)</b>							
ANTIMONY	450	2.6	1.2	0.42 U	0.41 U	1.2 U	0.41 U
CHROMIUM	NC	3400	389	86.7	16.5	14.9	14.3
NICKEL	23000	321	32.6	12.2	13.4	12.4	11
THALLIUM	79	0.23 U	0.22 U	0.2 U	0.19 U	0.58 U	0.19 U
VANADIUM	1100	313	64.3	20.6	20.6	20.1	22
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>							
HEXAVALENT CHROMIUM	NC	12.1	3.4	0.85 U	0.85 U	2.4 U	0.83 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>							
OXIDATION REDUCTION POTENTIAL	NC	443	523	444	434	348	384
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>							
PH	NC	8.62	8.43	8.52	8.56	8.25	8.72

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LOCATION SAMPLE ID SAMPLE_DATE TOP OF SAMPLE	NRDC SRS	063_C014						
		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 12	063_C014_15.0 20121217 15	063_C014_20.0 20121217 20
<b>METALS (MG/KG)</b>								
ANTIMONY	450	0.44 UJ	0.75 J	0.8 J	0.42 UJ	0.45 UJ	0.87 UJ	0.4 UJ
CHROMIUM	NC	335	1090	138	233	21	34.2	18.6
NICKEL	23000	47.7	175	19	12	17.9	29.7	11.1
THALLIUM	79	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.41 U	0.19 U
VANADIUM	1100	59.6	220	31.9	15.9	24.3	38.6	25.7
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>								
HEXAVALENT CHROMIUM	NC	1.8 J	20.8	1.1 J	5.7	0.93 U	1.8 U	0.9 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>								
OXIDATION REDUCTION POTENTIAL	NC	263	469	450	501	424	344	360
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>								
PH	NC	10.8	8.12	8.22	8.13	8.62	8.1	8.59

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LOCATION SAMPLE ID SAMPLE_DATE TOP OF SAMPLE	NRDC SRS	063_D002				063_F010				
		063_D002_0.0 20121218 0	063_D002_11.0 20121218 1	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
<b>METALS (MG/KG)</b>										
ANTIMONY	450	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	NC	279	27	18.7	16.5	154	15.1	24.7	14.1	16.8
NICKEL	23000	26.7	18	15.9	10.9	65.2	12.5	14.4	9.2	10
THALLIUM	79	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	1100	55.2	38.1	26.6	25	44	21.6	28.7	21	27.7
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	NC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	402	374	341	454	514	450	452	451	450
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	8.34	7.67	6.62	8.25	8.21	8.32	8.59	8.69	8.54

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LOCATION SAMPLE ID SAMPLE DATE TOP OF SAMPLE	NRDC SRS	063_Z002						063_Z005				
		063_Z002_0.0 20121219	063_Z002_8.5 20121219	063_Z002_12.0 20121219	063_Z002_12.0-AVG 20121219	063_Z002_12.0-D 20121219	063_Z002_16.5 20121219	063_Z005_0.5 20121221	063_Z005_5.0 20121221	063_Z005_10.0 20121221	063_Z005_15.0 20121221	063_Z005_20.0 20121221
TOP OF SAMPLE		0	8.5	12	12	12	16.5	0.5	5	10	15	20
<b>METALS (MG/KG)</b>												
ANTIMONY	450	0.38 J	0.4 UJ	0.38 UJ	0.38 U	0.38 UJ	0.42 U	0.36 UJ	1.9 J	0.66 UJ	0.4 UJ	0.44 UJ
CHROMIUM	NC	1580	15.2	14.5	15.45	16.4	15.5 J	9.6	860	245	21.8	11.6
NICKEL	23000	67.6	13.8	9.5	9.45	9.4	11.1 J	9.3	9.9	26.2	10	9.5
THALLIUM	79	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.2 U	0.17 U	0.2 U	0.31 U	0.19 U	0.21 U
VANADIUM	1100	68.3	22	18.7	17.9	17.1	23 J	19 J	20.6 J	25.8 J	19.7 J	16.2 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>												
HEXAVALENT CHROMIUM	NC	0.88 U	0.87 U	0.85 U	0.83 U	0.81 U	0.83 U	0.8 U	0.95 U	1.4 U	0.81 U	0.85 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>												
OXIDATION REDUCTION POTENTIAL	NC	369	366	393	414.5	436	432	379	171	138	349	374
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>												
PH	NC	8.88	7.89	8.26	8.305	8.35	8.47	8.51	10.2	8.76	8.18	7.28

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LOCATION SAMPLE ID SAMPLE_DATE TOP OF SAMPLE	NRDC SRS	063_Z009				
		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
<b>METALS (MG/KG)</b>						
ANTIMONY	450	0.53 UJ	0.72 J	0.81 UJ	0.41 UJ	0.39 UJ
CHROMIUM	NC	75.1	3320	142	52.1	29.5
NICKEL	23000	21.4	12.2	18.2	15.9	14.1
THALLIUM	79	0.46	0.21 U	0.38 U	0.19 U	0.19 J
VANADIUM	1100	67.9 J	27.4 J	30.3 J	34.5 J	32.1 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>						
HEXAVALENT CHROMIUM	NC	1.1 U	0.86 U	1.7 U	0.93 U	0.83 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>						
OXIDATION REDUCTION POTENTIAL	NC	433	384	374	343	435
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>						
PH	NC	8.23	8.9	8.11	8.52	7.96

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LOCATION SAMPLE ID SAMPLE_DATE TOP OF SAMPLE	NRDC SRS	063_Z011						
		063_Z011_0.0 20121220	063_Z011_5.0 20121220	063_Z011_5.0-AVG 20121220	063_Z011_5.0-D 20121220	063_Z011_10.5 20121220	063_Z011_15.0 20121220	063_Z011_20.0 20121220
<b>METALS (MG/KG)</b>								
ANTIMONY	450	2.6	0.76	0.765	0.77	0.43 U	0.39 UJ	0.4 UJ
CHROMIUM	NC	25.3	1950	1850	1750	28.8	32 J	21.4 J
NICKEL	23000	24.7	11.5	11.6	11.7	9.2	12.4	14.6
THALLIUM	79	0.32	0.2 U	0.205 U	0.21 U	0.2 U	0.18 U	0.23
VANADIUM	1100	41.3	27.8	27.5	27.2	19.8	25.9	28.9
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>								
HEXAVALENT CHROMIUM	NC	0.94 U	0.99 J	1.645	2.3	0.86 U	0.82 U	0.82 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>								
OXIDATION REDUCTION POTENTIAL	NC	369	344	349.5	355	314	427	453
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>								
PH	NC	8.34	9.78	9.73	9.68	8.96	8.32	8.49

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		063_Z013_1.5 20121219	063_Z013_5.5 20121219	063_Z013_10.0 20121219	063_Z013_15.0 20121219	063_Z013_15.0-AVG 20121219	063_Z013_15.0-D 20121219	063_Z013_20.0 20121219
<b>METALS (MG/KG)</b>								
ANTIMONY	450	1.6 J	0.43 UJ	2 J	1.4 UJ	1.4 U	1.4 UJ	0.41 UJ
CHROMIUM	NC	93 J	8.1 J	31.6 J	48.9 J	33.6	18.3 J	18.2 J
NICKEL	23000	26.5	6.4	14.8	20.4	21.05	21.7	10.2
THALLIUM	79	0.44	0.2 U	0.27 U	0.64 U	0.64 U	0.64 U	0.2 U
VANADIUM	1100	69.7	8.7	19.5	24.2	23.45	22.7	19.9
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>								
HEXAVALENT CHROMIUM	NC	1 U	0.89 U	1.1 U	3 U	2.85 U	2.7 U	0.85 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>								
OXIDATION REDUCTION POTENTIAL	NC	467	431	424	293	282	271	398
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>								
PH	NC	8.11	8.42	7.97	7.96	7.94	7.92	8.92

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