

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	NUMBER OF EXCEEDENCES DETECTION/NON- DETECTION	016 C007							
			016_C007_0.6 20110707	016_C007_5.0 20110707	016_C007_7.5 20110707	016_C007_10.7 20110707	016_C007_10.7-D 20110707	016_C007_15.0 20110707	016_C007_20.0 20110707	016_C007_25.0 20110707
METALS (MG/KG)			0.6	5	7.5	10.7	10.7	15	20	25
ANTIMONY	31	0/0	0.98 UJ	1 UJ	1.2 UJ	1.1 UJ	1 UJ	1.2 UJ	1.6 UJ	0.99 UJ
CHROMIUM* ‡	120000	0/0	10.9	32.5	101	8	7.3	25.6	21.1	13.1
NICKEL	1600	1/0	16.7	12.9	19	9.5 J	8.9 J	22.4	14.1 J	11.6
THALLIUM	5	0/4	1.1 U	1.1 U	1.3 U	1.2 U	1.1 U	1.4 U	1.7 U	1.1 U
VANADIUM	78	48/0	13.9	17.1	23.7	8.7 J	8.6 J	28.8	15.8 J	15.1
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM ‡	20	15/0	0.56 UJ	0.58 UJ	0.71 UJ	0.62 UJ	4.8 J	0.73 UJ	0.96 UJ	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	NA	385	380	360	369	366	372	370	346
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	NA	8.31	7.87	7.96	8.47	8.44	8.07	7.84	8.44

U = NON DETECT
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 REMEDIATION STANDARD
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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

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 PPG Industries, Inc.
 Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_C009						016_C011						
		016_C009_0.5 20110707	016_C009_5.0 20110707	016_C009_7.6 20110706	016_C009_11.7 20110706	016_C009_15.7 20110706	016_C009_23.5 20110706	016_C011_0.5 20110816	016_C011_5.0 20110816	016_C011_7.9 20110816	016_C011_10.7 20110816	016_C011_15.0 20110816	016_C011_20.0 20110816	016_C011_25.3 20110816
METALS (MG/KG)														
ANTIMONY	31	0.97 UJ	0.97 UJ	1 UJ	1 UJ	1.4 UJ	0.97 UJ	0.92 UJ	1.1 UJ	1 UJ	0.98 UJ	1.4 UJ	0.99 UJ	0.94 UJ
CHROMIUM* ‡	120000	20.5	36.6	8.1	8.2	28.3	10.4	21.9	44.4	6.9	8.5	30.5	18.7	12.7
NICKEL	1600	32	13.9	8.1 J	10	24.5	10.3	5.6 J	13.8	7.7 J	9.3	21.4	15.8	11.4
THALLIUM	5	1.1 U	1.1 U	1.1 U	1.1 U	1.5 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.6 U	1.1 U	1 U
VANADIUM	78	21.2	15.4	7.3 J	10.5 J	30.5	15	13.8	12.6	7.6 J	8.8 J	26.8	24.1	16.1
MISCELLANEOUS PARAMETERS (MG/KG)														
HEXAVALENT CHROMIUM ‡	20	0.56 UJ	0.59 UJ	0.6 UJ	0.61 UJ	0.79 UJ	0.56 UJ	0.52 UJ	0.61 UJ	0.57 UJ	0.57 UJ	0.84 UJ	0.58 UJ	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)														
OXIDATION REDUCTION POTENTIAL	NC	323	348	347	351	364	470	409	472	443	458	438	439	431
MISCELLANEOUS PARAMETERS (S.U.)														
PH	NC	9.16	8.28	8.45	8.56	8.06	4.61	8.48	7.64	8.6	8.55	8.09	7.94	8.95

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 PPG Industries, Inc.
 Jersey City, New Jersey

LOCATION	RDC	016_C013								016_C016		016_C017	
		016_C013_0.5	016_C013_3.1	016_C013_7.5	016_C013_10.2	016_C013_15.0	016_C013_15.0-D	016_C013_20.0	016_C013_23.7	016_C016_0.6	016_C016_5.0	016_C017_0.4	016_C017_5.0
SAMPLE ID	SRS/CrSCC	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110815	20110815	20110817	20110823
SAMPLE DATE													
TOP DEPTH		0.5	3.1	7.5	10.2	15	15	20	23.7	0.6	5	0.4	5
METALS (MG/KG)													
ANTIMONY	31	0.9 UJ	2.1 J	1 UJ	0.97 UJ	1.5 UJ	1.5 UJ	0.94 UJ	0.98 UJ	1.7 J	0.97 UJ	0.92 UJ	1 UJ
CHROMIUM* ‡	120000	16.5	45.2	10.7	7.4	43.9	40.1	16.7	17.1	22.8 J	25.4 J	29.6	13
NICKEL	1600	5.5 J	20.9	10.9	7 J	41.7	32.1	10.7	18.4	6.7 J	18.6	18.1	20.9
THALLIUM	5	0.99 U	1.1 U	1.1 U	1.1 U	1.6 U	1.7 U	1 U	1.1 U	1 U	1.1 U	1 U	1.1 U
VANADIUM	78	13.1	23.3	13.1	7.2 J	28.9	27.6	23	20.4	15.5	29.9	23.9	14.9
MISCELLANEOUS PARAMETERS (MG/KG)													
HEXAVALENT CHROMIUM ‡	20	0.54 U	0.59 U	0.62 U	0.57 U	0.88 U	0.87 U	0.55 U	0.55 U	0.59 J	0.69 J	0.55 U	0.83 J
MISCELLANEOUS PARAMETERS (MV)													
OXIDATION REDUCTION POTENTIAL	NC	464	454	462	455	305	366	494	485	526	504	495	460
MISCELLANEOUS PARAMETERS (S.U.)													
PH	NC	8.68	8.39	8.14	8.52	8.15	8.13	8.26	8.35	8.31	8.72	8.21	8.18

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Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_D005									
		016_D005_0.0 20110708	016_D005_1.2 20110708	016_D005_1.7 20110708	016_D005_2.5 20110708	016_D005_3.0 20110708	016_D005_7.0 20110708	016_D005_10.0 20110708	016_D005_14.0 20110708	016_D005_17.8 20110708	016_D005_25.0 20110708
METALS (MG/KG)											
ANTIMONY	31	0.59 UJ	0.63 UJ	0.56 UJ	0.61 UJ	0.57 UJ	0.7 UJ	0.85 UJ	0.94 UJ	1.8 UJ	0.56 UJ
CHROMIUM* ‡	120000	275	770	738	847	509	9.8	79.6	41	12.7	9.2
NICKEL	1600	41.6	119	107	131	47.5	9.4	26	37.4	12.6 J	9.3
THALLIUM	5	0.33 U	0.35 U	0.31 U	0.34 U	0.31 U	0.39 U	0.47 U	0.52 U	1 U	0.31 U
VANADIUM	78	56.1	141	143	135	67.4	9.1	31.8	31.1	20.9	12.7
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM ‡	20	0.9 J	3.6	3.2	3.5	3	0.6 U	0.75 U	0.81 U	1.7 U	0.52 U
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	NC	363	307	266	281	290	369	360	356	374	328
MISCELLANEOUS PARAMETERS (S.U.)											
PH	NC	8.83	10	10.7	10.7	10.3	8.43	8.08	7.92	7.16	9.29

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LOCATION	RDC	016_D005a						016_D007					
		016_D005a_0.4	016_D005a_5.0	016_D005a_11.2	016_D005a_15.0	016_D005a_20.0	016_D005a_25.0	016_D007_0.4	016_D007_5.0	016_D007_12.2	016_D007_16.0	016_D007_20.0	016_D007_25.0
SAMPLE ID	SRS/CrSCC	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808
SAMPLE DATE		0.4	5	11.2	15	20	25	0.4	5	12.2	16	20	25
TOP DEPTH													
METALS (MG/KG)													
ANTIMONY	31	0.88 UJ	0.97 UJ	1.1 UJ	1.3 UJ	2.6 UJ	1 UJ	0.9 UJ	1.1 J	1 UJ	1.3 UJ	2.3 UJ	1 UJ
CHROMIUM* ‡	120000	12.4 J	30 J	11.8 J	24.2	19.8	16.9	16.2	61.9	6.4	29	20.9	19.2
NICKEL	1600	33.1	22.7	12.6	22.3	17 J	12.3	6.4 J	14.9	7.2 J	26	18.6 J	13.6
THALLIUM	5	0.97 U	1.1 U	1.2 U	1.4 U	2.9 U	1.1 U	1 U	1 U	1.2 U	1.5 U	2.5 U	1.1 U
VANADIUM	78	17.8	22.2	13.8	25.2	26.8 J	24.8	20.6	27.5	7.5 J	32.9	21.5 J	26.6
MISCELLANEOUS PARAMETERS (MG/KG)													
HEXAVALENT CHROMIUM ‡	20	0.54 UJ	0.53 UJ	0.64 UJ	0.73 UJ	3.1 UJ	0.57 U	0.54 U	0.57 U	0.6 U	0.78 U	1.4 U	0.57 U
MISCELLANEOUS PARAMETERS (MV)													
OXIDATION REDUCTION POTENTIAL	NC	404	443	414	398	434	464	414	397	383	359	373	402
MISCELLANEOUS PARAMETERS (S.U.)													
PH	NC	6.48	8.09	8.27	8.08	7.09	4.72	8.05	8.24	8.45	8.01	7.48	5.68

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		016_D008_0.4 20110810	016_D008_5.0 20110810	016_D008_5.0-D 20110810	016_D008_7.2 20110810	016_D008_11.9 20110810	016_D008_16.0 20110810	016_D008_20.0 20110810	016_D008_22.8 20110810
METALS (MG/KG)									
ANTIMONY	31	0.91 UJ	0.94 UJ	0.96 UJ	1.1 UJ	1.1 UJ	1.3 J	1.7 UJ	0.97 UJ
CHROMIUM* ‡	120000	25.2	76.7	59.1	11.3	13.3	29.4	24.2	10.4
NICKEL	1600	168	26.8	16.4	11.9	12.9	25.6	11.2 J	11
THALLIUM	5	1 U	1 U	1.1 U	1.2 U	1.2 U	1.4 U	1.8 U	1.1 U
VANADIUM	78	24.5	28	25	14.2	19.2	33.7	16 J	14.7
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM ‡	20	0.54 UJ	0.55 UJ	0.56 UJ	0.64 UJ	0.67 UJ	0.8 UJ	1.1 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	344	452	423	396	393	366	382	420
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	9.66	8.3	8.04	8.56	8.37	8.12	7.97	5.97

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		016_D010_0.4 20110815	016_D010_2.5 20110815	016_D010_3.0 20110815	016_D010_3.5 20110815	016_D010_5.0 20110815	016_D010_5.7 20110815	016_D010_10.7 20110815	016_D010_15.0 20110815	016_D010_20.0 20110815	016_D010_25.0 20110815
METALS (MG/KG)											
ANTIMONY	31	0.89 UJ	0.97 UJ	1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	0.98 UJ	1.4 UJ	3.8 UJ	0.95 UJ
CHROMIUM* ‡	120000	19.6 J	736 J	740 J	559 J	1260 J	460 J	8.1 J	31 J	34.6 J	17.8 J
NICKEL	1600	230	121	79.1	66.1	136	46.6	8.5 J	25.7	16 J	15.2
THALLIUM	5	0.97 U	1.1 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U	1.5 U	4.2 U	1 U
VANADIUM	78	21.4	94.8	76.6	98	187	69.1	8.8 J	31.9	21.4 J	18.4
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM ‡	20	0.55 U	0.55 U	0.57 U	0.72 U	0.65 U	0.63 U	0.59 U	0.79 U	2.2 U	0.56 U
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	NC	438	462	461	452	429	422	458	432	443	438
MISCELLANEOUS PARAMETERS (S.U.)											
PH	NC	9.4	8.59	8.52	8.24	8.84	9.05	8.46	8.24	7.68	8.7

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		016_D012_0.4 20110816	016_D012_2.6 20110816	016_D012_3.1 20110816	016_D012_5.0 20110816	016_D012_5.0-D 20110816	016_D012_10.0 20110816	016_D012_12.5 20110816	016_D012_16.5 20110816
METALS (MG/KG)									
ANTIMONY	31	0.9 UJ	0.99 UJ	1.1 UJ	2.6 J	1.8 J	1 UJ	1 UJ	1.4 UJ
CHROMIUM* ‡	120000	20.9	197	98	143	137	10.7	9.1	49.9
NICKEL	1600	5.5 J	26.6	18.4	20	20	8.5 J	9.4	43.8
THALLIUM	5	0.99 U	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U	1.1 U	1.6 U
VANADIUM	78	17.1	31.9	35.2	33.1	34.8	8.8 J	11.1 J	31
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM ‡	20	0.55 UJ	0.6 UJ	0.61 UJ	5.7 J	1 J	0.77 J	0.62 UJ	0.78 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	455	452	465	455	451	444	436	251
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	8.7	8.17	7.77	8.01	8.01	8.44	8.38	8.12

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		016_D014_0.5 20110817	016_D014_1.4 20110817	016_D014_1.9 20110817	016_D014_2.4 20110817	016_D014_6.5 20110817	016_D014_10.0 20110817	016_D014_16.5 20110817	016_D014_21.0 20110817	016_D014_25.0 20110817	016_D016_0.4 20110815	016_D018_0.4 20110817	016_D018_5.0 20110817	016_D018_10.0 20110817
METALS (MG/KG)														
ANTIMONY	31	0.99 UJ	0.97 UJ	1.2 J	1.8 J	1.3 J	1 UJ	1.2 UJ	0.94 UJ	0.98 UJ	3.1 J	0.98 UJ	0.98 UJ	0.92 UJ
CHROMIUM* ‡	120000	18	14	118	694	467	13.8	34.6	17.8	9.8	30.9	17.7	16.6	20.2
NICKEL	1600	4.5 J	5.9 J	22.6	51.3	25.5	8.3 J	24.6	13.8	5.9 J	19.7	10	13	18.4
THALLIUM	5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.4 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1 U
VANADIUM	78	16.9	17.6	40.8	57.1	40.4	7 J	24.8	21.8	13.7	24.4	19.1	15	27.8
MISCELLANEOUS PARAMETERS (MG/KG)														
HEXAVALENT CHROMIUM ‡	20	0.62 J	0.54 U	0.59 U	5.8	0.93 J	0.59 U	0.72 U	0.54 U	0.55 J	0.55 U	0.56 U	0.57 U	0.53 U
MISCELLANEOUS PARAMETERS (MV)														
OXIDATION REDUCTION POTENTIAL	NC	464	446	438	430	416	438	337	419	442	539	599	496	482
MISCELLANEOUS PARAMETERS (S.U.)														
PH	NC	8.98	8.68	8.55	8.5	8.69	8.34	8.1	8.67	8.24	7.66	5.34	8.03	7.95

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		016_E005_0.4 20110808	016_E005_5.0 20110808	016_E005_8.1 20110808	016_E005_11.3 20110808	016_E005_11.3-D 20110808	016_E005_15.5 20110808	016_E005_20.0 20110808	016_E005_25.0 20110808
METALS (MG/KG)									
ANTIMONY	31	0.95 UJ	0.88 UJ	1.3 UJ	1 UJ	1 UJ	1.3 UJ	2.1 UJ	0.98 UJ
CHROMIUM* ‡	120000	8.8 J	14.4 J	58.9 J	6.6 J	6.7 J	23.1 J	27.5 J	16 J
NICKEL	1600	5.9 J	23.4	21.4	8.3 J	8.3 J	21	22.1	11.3
THALLIUM	5	1 U	0.97 U	1.4 U	1.1 U	1.1 U	1.4 U	2.3 U	1.1 U
VANADIUM	78	16.5	15.4	25.9	7.4 J	7.5 J	23.9	27.3	22.5
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM ‡	20	0.55 UJ	0.54 UJ	0.73 U	0.6 UJ	0.62 UJ	0.74 UJ	2.5 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	401	312	420	399	399	392	407	448
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	8.25	9.73	8.18	8.58	8.48	8.07	7.22	6.67

U = NON DETECT

J = ESTIMATED

RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL

REMEDIATION STANDARD

*=Trivalent Chromium Only

‡= CrSCC Chromium Soil Cleanup Criteria

NA = NOT APPLICABLE

NC = NO CRITERIA

DETECTION EXCEEDS RDC SRS/CrSCC

NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_E007							016_E009						
		016_E007_0.5 20110810	016_E007_5.0 20110810	016_E007_8.5 20110810	016_E007_12.5 20110810	016_E007_16.5 20110810	016_E007_20.0 20110810	016_E007_23.5 20110810	016_E009_0.5 20110707	016_E009_3.5 20110707	016_E009_7.5 20110707	016_E009_11.7 20110707	016_E009_15.5 20110707	016_E009_20.0 20110707	016_E009_25.0 20110707
METALS (MG/KG)															
ANTIMONY	31	1 UJ	1 UJ	0.97 UJ	1 J	1.2 UJ	2.7 UJ	0.85 UJ	0.92 UJ	0.94 UJ	0.97 UJ	1 UJ	1.3 UJ	2.4 UJ	0.96 UJ
CHROMIUM* ‡	120000	13	25.3	12.8	7.7	26.3	28.9	22.3	34.4 J	32.4 J	6.1 J	7.1 J	27.4 J	34.5 J	15.7 J
NICKEL	1600	11.2	7.4 J	8.2 J	9.1 J	24.5	18.4 J	15.6	270 J	12.2 J	5.7 J	8.8 J	25.2 J	18.5 J	12.2 J
THALLIUM	5	1.1 U	1.2 U	1.1 U	1.2 U	1.3 U	3 U	0.93 U	1 U	1 U	1.1 U	1.1 U	1.4 U	2.6 U	1.1 U
VANADIUM	78	23.2	32.5	9.9 J	9 J	29.6	27.1 J	29.5	25.5 J	16.1 J	8.5 J	8.8 J	31.7 J	18 J	19.6 J
MISCELLANEOUS PARAMETERS (MG/KG)															
HEXAVALENT CHROMIUM ‡	20	0.56 UJ	0.6 UJ	0.57 UJ	0.6 UJ	0.75 UJ	1.6 UJ	0.53 UJ	0.54 UJ	0.55 UJ	0.57 UJ	0.59 UJ	0.74 UJ	1.4 J	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)															
OXIDATION REDUCTION POTENTIAL	NC	425	414	409	388	386	405	474	369	376	383	389	396	401	413
MISCELLANEOUS PARAMETERS (S.U.)															
PH	NC	8.81	8.64	8.74	8.8	8.23	7.46	4.29	9.01	8.07	8.52	8.5	8	7.75	5.24

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC SRS/CrSCC	016_E011								016_E013						
		016_E011_0.7 20110816	016_E011_2.6 20110816	016_E011_3.4 20110816	016_E011_5.0 20110816	016_E011_7.2 20110816	016_E011_12.2 20110816	016_E011_20.0 20110816	016_E011_25.0 20110816	016_E013_0.5 20110825	016_E013_5.0 20110825	016_E013_7.8 20110825	016_E013_11.5 20110825	016_E013_11.5-D 20110825	016_E013_16.0 20110825	016_E013_20.0 20110825
METALS (MG/KG)		0.7	2.6	3.4	5	7.2	12.2	20	25	0.5	5	7.8	11.5	11.5	16	20
ANTIMONY	31	0.97 UJ	1.3 UJ	1.7 J	2.9 J	1.1 UJ	1.1 UJ	2 UJ	0.97 UJ	1.1 J	3.2 UJ	0.97 UJ	1.1 UJ	1.4 UJ	1.4 UJ	0.96 UJ
CHROMIUM* ‡	120000	29.6	267	1670	2880	64.9	15.6	11.5	18.2	121	22.7	8.4	15.5 J	27.2 J	26.7	15.5
NICKEL	1600	8.1 J	59.4	187	272	20.4	15.8	9.8 J	14.5	21.6	15 J	10.2	14.9	27.1	23.6	11.6
THALLIUM	5	1.1 U	1.4 U	1.3 U	1.2 U	1.2 U	1.2 U	2.2 U	1.1 U	1.1 U	3.5 U	1.1 U	1.2 U	1.5 U	1.5 U	1.1 U
VANADIUM	78	20.7	83.1	197	335	18.3	19.9	14 J	22.2	32.3	24.3 J	10.2 J	16.4	30.8	29.4	21
MISCELLANEOUS PARAMETERS (MG/KG)																
HEXAVALENT CHROMIUM ‡	20	4.2 J	0.71 UJ	0.65 UJ	1.6 J	0.64 UJ	0.61 UJ	1.1 UJ	0.56 UJ	0.55 UJ	2 UJ	0.61 UJ	0.7 UJ	0.8 UJ	0.77 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)																
OXIDATION REDUCTION POTENTIAL	NC	424	414	400	392	390	392	442	407	407	438	441	425	419	408	437
MISCELLANEOUS PARAMETERS (S.U.)																
PH	NC	7.82	7.73	8.22	8.74	8.57	8.28	7.35	8.55	8.85	7.94	8.26	8.07	7.96	8.23	7.63

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC	016_E015			016_E017		016_E019			
		016_E015_0.5	016_E015_5.0	016_E015_10.0	016_E017_0.5	016_E017_5.0	016_E019_0.6	016_E019_5.5	016_E019_10.0	016_E019_10.0-D
SAMPLE ID	SRS/CrSCC	20110812	20110812	20110812	20110815	20110815	20110822	20110822	20110822	20110822
SAMPLE DATE										
TOP DEPTH		0.5	5	10	0.5	5	0.6	5.5	10	10
METALS (MG/KG)										
ANTIMONY	31	1.5 J	0.93 UJ	1 UJ	0.95 UJ	0.98 UJ	1 UJ	0.98 UJ	1.5 UJ	1.5 UJ
CHROMIUM* ‡	120000	39	7	13.7	8.9	17.9	12.6	19.7	25.5	24.6
NICKEL	1600	14 J	7.6 J	10.7 J	8.9	14	11.9	16.6	18.3	17.5
THALLIUM	5	1.1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1.7 U	1.6 U
VANADIUM	78	25.7	7.9 J	18.7	10 J	23.2	14	19.5	25.7	24
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM ‡	20	0.55 UJ	1.7 J	0.58 UJ	0.54 U	0.75 J	0.61 UJ	0.55 UJ	0.85 UJ	0.9 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	284	418	418	573	525	503	443	433	412
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	11	7.94	8.15	7.7	8.28	7.06	8.31	7.92	7.93

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DETECTION EXCEEDS RDC SRS/CrSCC

NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_F005									016_F005a						
		016_F005_0.0 20110708	016_F005_1.0 20110708	016_F005_1.5 20110708	016_F005_2.1 20110708	016_F005_5.0 20110708	016_F005_10.0 20110708	016_F005_14.0 20110708	016_F005_20.0 20110708	016_F005_23.0 20110708	016_F005a_0.4 20110808	016_F005a_5.0 20110808	016_F005a_7.8 20110808	016_F005a_12.2 20110808	016_F005a_16.0 20110808	016_F005a_20.0 20110808	016_F005a_23.1 20110808
METALS (MG/KG)																	
ANTIMONY	31	0.55 UJ	0.66 UJ	0.7 UJ	0.7 UJ	0.54 UJ	0.78 UJ	0.82 UJ	0.73 UJ	0.6 UJ	0.89 UJ	0.92 UJ	1.1 UJ	1.1 UJ	1.4 UJ	1.7 UJ	1.1 UJ
CHROMIUM* ‡	120000	522	2860	1820	1500	497	36.4	22	21.9	12.7	8.3 J	70.6 J	39.6 J	12.5 J	26.3 J	17.9 J	11.3 J
NICKEL	1600	80.8	403	526	406	8.6	23.1	20.9	17.6	13.2	4.1 J	24.3	16.4	12.5	23.8	10.8 J	16.3
THALLIUM	5	0.31 U	0.36 U	0.39 U	0.39 U	0.3 U	0.43 U	0.45 U	0.4 U	0.33 U	0.98 U	1 U	1.2 U	1.2 U	1.5 U	1.9 U	1.2 U
VANADIUM	78	93.9	463	651	428	19.6	28	23.6	30.6	17	14.7	25	17.6	15	27.6	26.2	18.1
MISCELLANEOUS PARAMETERS (MG/KG)																	
HEXAVALENT CHROMIUM ‡	20	0.53 U	18.7	32.3	45.5	2.3	0.7 U	0.79 U	0.64 U	0.55 U	0.54 U	0.57 U	0.66 J	0.63 U	0.76 U	0.99 U	0.59 U
MISCELLANEOUS PARAMETERS (MV)																	
OXIDATION REDUCTION POTENTIAL	NC	307	265	302	268	286	298	388	389	363	481	412	413	397	380	399	385
MISCELLANEOUS PARAMETERS (S.U.)																	
PH	NC	8.74	11.5	11.6	11.5	9.38	9.27	7.83	7.44	8.89	7.54	8.17	8	8.32	8.12	7.11	8.11

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_F007						016_F008						
		016_F007_0.6 20110809	016_F007_5.0 20110809	016_F007_11.5 20110809	016_F007_15.5 20110809	016_F007_20.0 20110809	016_F007_24.0 20110809	016_F008_0.4 20110810	016_F008_5.0 20110810	016_F008_7.8 20110810	016_F008_11.2 20110810	016_F008_15.6 20110810	016_F008_20.0 20110810	016_F008_23.2 20110810
METALS (MG/KG)														
ANTIMONY	31	0.93 UJ	1 UJ	1.1 UJ	1.1 UJ	2.4 UJ	1 UJ	0.96 UJ	1.2 J	0.95 UJ	0.97 UJ	1.3 UJ	2.5 UJ	0.98 UJ
CHROMIUM* ‡	120000	77.3 J	75.7	9.6	12	23.6	18.5	17.2	57	7.4	9.9	19	17	16.7
NICKEL	1600	29.5	22.1	11.6	13.8	17.4 J	17.1	9.1	30.9	8.1 J	11	17.9	16.4 J	13.3
THALLIUM	5	1 U	1.1 U	1.2 U	1.2 U	2.7 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.4 U	2.8 U	1.1 U
VANADIUM	78	20.3	28.6	13.3	13.1	34.2	26.1	17.3	30.3	8.8 J	12.6	21	23.6 J	24.3
MISCELLANEOUS PARAMETERS (MG/KG)														
HEXAVALENT CHROMIUM ‡	20	0.53 UJ	0.59 UJ	0.61 UJ	0.62 UJ	1.5 UJ	0.57 UJ	0.55 UJ	1.1 J	0.59 UJ	0.6 UJ	15.1 J	6.4 J	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)														
OXIDATION REDUCTION POTENTIAL	NC	381	426	390	381	390	445	390	404	402	399	378	411	454
MISCELLANEOUS PARAMETERS (S.U.)														
PH	NC	8.78	8.05	8.38	8.12	7.65	7.18	8.72	8.56	8.45	8.38	8.05	7.64	5.52

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 DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_F010									
		016_F010_0.4 20110823	016_F010_2.0 20110823	016_F010_3.0 20110823	016_F010_5.0 20110823	016_F010_7.8 20110823	016_F010_12.3 20110823	016_F010_12.3-D 20110823	016_F010_16.0 20110823	016_F010_20.0 20110823	016_F010_25.0 20110823
METALS (MG/KG)											
ANTIMONY	31	0.94 UJ	1.6 J	1.1 UJ	1 UJ	1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.3 UJ	0.91 UJ
CHROMIUM* ‡	120000	9.6 J	140	374	150	6.5	19	19	19.7	13	13.7
NICKEL	1600	8.2 J	28.1	48.7	80.3	8 J	18.7	18.9	19.1	9.6 J	11
THALLIUM	5	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.3 U	1.2 U	1.5 U	1 U
VANADIUM	78	18	33.2	57.6	35.3	6.8 J	23.6	22.4	22.9	17.9	17.4
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM ‡	20	2.2 J	0.77 J	0.61 UJ	0.61 UJ	0.89 J	0.67 UJ	0.7 UJ	0.67 UJ	0.81 UJ	0.59 UJ
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	NC	440	449	431	401	463	431	421	412	429	412
MISCELLANEOUS PARAMETERS (S.U.)											
PH	NC	8.66	8.28	8.51	8.94	8.45	8.23	8.18	8.17	7.63	8.82

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_F012							
		016_F012_0.5 20110818	016_F012_2.0 20110818	016_F012_3.0 20110818	016_F012_5.1 20110818	016_F012_7.0 20110818	016_F012_11.9 20110818	016_F012_20.0 20110818	016_F012_25.0 20110818
METALS (MG/KG)									
ANTIMONY	31	0.9 UJ	0.99 UJ	2.7 UJ	5.1 UJ	1 UJ	1.1 UJ	1 UJ	1 UJ
CHROMIUM* ‡	120000	25.5 J	89.2 J	2340 J	5030 J	14.7 J	7.4 J	14.6 J	13.5 J
NICKEL	1600	10.5	38.4	267	358	8.3 J	7.9 J	17.4	10.2
THALLIUM	5	0.99 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
VANADIUM	78	23.4	27.2	366	586	8.4 J	8.8 J	21.6	17.1
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM ‡	20	0.54 UJ	0.59 UJ	13.3 J	44.4 J	0.58 UJ	0.61 UJ	0.61 UJ	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	440	442	295	280	404	413	417	444
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	9.03	8.32	10.7	11.1	8.62	8.37	7.98	6.71

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DETECTION EXCEEDS RDC SRS/CrSCC

NON-DETECTION EXCEEDS RDC SRS/CrSCC

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 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_F014									016_F016			
		016_F014_0.4 20110812	016_F014_1.9 20110812	016_F014_2.4 20110812	016_F014_2.9 20110812	016_F014_7.0 20110812	016_F014_10.7 20110812	016_F014_15.5 20110812	016_F014_20.0 20110812	016_F014_25.0 20110812	016_F016_0.5 20110818	016_F016_5.0 20110818	016_5.0_DO_NO 20110812	016_F016_5.0-D 20110818
METALS (MG/KG)														
ANTIMONY	31	0.97 UJ	1.1 UJ	6.6 UJ	0.9 UJ	1.1 UJ	1 UJ	1 UJ	2 UJ	0.9 UJ	0.94 UJ	0.96 UJ	0.98 UJ	1 UJ
CHROMIUM* ‡	120000	394 J	45.8 J	7030 J	1130 J	7.2 J	10.7	8.1	9.7	15	41.2 J	96.8 J	244	109 J
NICKEL	1600	36.8	19.1	525	12	7.5 J	7.8 J	7 J	8.9 J	11.9 J	9.5	18.7	17 J	17.6
THALLIUM	5	1.1 U	1.2 U	5.3 U	0.99 U	1.2 U	1.1 U	1.1 U	2.2 U	0.99 U	1 U	1.1 U	1.1 U	1.1 U
VANADIUM	78	64.1	20.3	800	38.7	8.1 J	16.2	7.8 J	11.4 J	19.9	20.6	26.7	28.7	23.1
MISCELLANEOUS PARAMETERS (MG/KG)														
HEXAVALENT CHROMIUM ‡	20	0.57 UJ	4.1 J	63.3 J	4.4 J	0.61 UJ	0.58 UJ	1 J	1.1 UJ	2 J	0.61 J	1.1 J	0.61 UJ	0.83 J
MISCELLANEOUS PARAMETERS (MV)														
OXIDATION REDUCTION POTENTIAL	NC	459	410	314	330	411	406	399	411	390	417	438	438	464
MISCELLANEOUS PARAMETERS (S.U.)														
PH	NC	7.97	8.2	10.6	9.79	8.2	8.45	8.57	7.64	9.03	9.04	8.24	8.2	8.3

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 DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

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Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_G005						016_G007						
		016_G005_0.5 20110705	016_G005_3.5 20110706	016_G005_7.4 20110706	016_G005_10.5 20110706	016_G005_15.0 20110706	016_G005_20.0 20110706	016_G007_0.4 20110809	016_G007_5.0 20110809	016_G007_8.1 20110809	016_G007_12.2 20110809	016_G007_16.0 20110809	016_G007_20.0 20110809	016_G007_23.1 20110809
METALS (MG/KG)														
ANTIMONY	31	1 UJ	0.94 UJ	0.98 UJ	1.1 UJ	1.4 UJ	1.4 UJ	0.98 UJ	1 UJ	1 UJ	0.98 UJ	1.3 UJ	1.6 UJ	1 UJ
CHROMIUM* ‡	120000	71.1	30	7	6.6	27	30.2	60.9 J	64.5 J	7.3 J	6.3 J	28.4 J	19.9 J	10.9 J
NICKEL	1600	332	19.9	8.6 J	7.6 J	25.1	25.7	281	46.7	8 J	8.1 J	26.2	22.6	12.6
THALLIUM	5	1.1 U	1 U	1.1 U	1.2 U	1.5 U	1.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.5 U	1.7 U	1.1 U
VANADIUM	78	26.4	24.3	7.8 J	7.7 J	30	29.6	23.6	23.2	8.4 J	7.1 J	30.6	30.1	24.6
MISCELLANEOUS PARAMETERS (MG/KG)														
HEXAVALENT CHROMIUM ‡	20	0.58 U	0.55 UJ	0.58 UJ	0.61 UJ	0.79 UJ	0.8 UJ	0.56 UJ	0.61 UJ	0.6 UJ	0.6 UJ	0.77 UJ	0.93 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)														
OXIDATION REDUCTION POTENTIAL	NC	--	313	321	376	373	380	341	403	398	400	380	408	375
MISCELLANEOUS PARAMETERS (S.U.)														
PH	NC	--	8.24	8.25	8.42	8.08	7.55	9.52	7.91	8.46	8.4	8.14	7.28	8.65

U = NON DETECT

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REMEDICATION STANDARD

*=Trivalent Chromium Only

‡= CrSCC Chromium Soil Cleanup Criteria

NA = NOT APPLICABLE

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DETECTION EXCEEDS RDC SRS/CrSCC

NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_G008									016_G009						
		016_G008_0.5 20110810	016_G008_5.0 20110810	016_G008_6.0 20110810	016_G008_7.7 20110810	016_G008_11.2 20110810	016_G008_11.2-D 20110810	016_G008_15.5 20110810	016_G008_20.0 20110810	016_G008_25.0 20110810	016_G009_1.1 20110707	016_G009_5.0 20110707	016_G009_10.0 20110707	016_G009_12.5 20110707	016_G009_16.5 20110707	016_G009_20.5 20110707	016_G009_25.0 20110707
METALS (MG/KG)																	
ANTIMONY	31	0.92 UJ	1.3 UJ	0.97 UJ	0.9 UJ	0.97 UJ	1 UJ	1.1 UJ	1.2 UJ	1 UJ	0.94 UJ	1.2 UJ	1 UJ	1 UJ	1.4 UJ	2.3 UJ	0.99 UJ
CHROMIUM* ‡	120000	11.6	225	134	7.9	6.8	6.7	17.5	21.2	12.8	105 J	175 J	6.1 J	8 J	27.2 J	10.6 J	19.9 J
NICKEL	1600	14.6	41.2	20.2	7.7 J	8.1 J	7.7 J	15.5	17.5	11.7	16.8 J	29.5 J	7.6 J	9.2 J	25 J	11.4 J	12.6 J
THALLIUM	5	1 U	1.4 U	1.1 U	0.99 U	1.1 U	1.2 U	1.2 U	1.3 U	1.1 U	1 U	1.3 U	1.1 U	1.1 U	1.5 U	2.5 U	1.1 U
VANADIUM	78	20.4	49.4	23.1	7.6 J	7.8 J	7.4 J	17.6	22.2	19.2	39.9 J	39.8 J	7.6 J	9.8 J	30.8 J	17 J	22.9 J
MISCELLANEOUS PARAMETERS (MG/KG)																	
HEXAVALENT CHROMIUM ‡	20	0.53 UJ	0.75 UJ	0.6 UJ	0.58 UJ	0.62 UJ	0.6 UJ	0.65 UJ	1.6 J	0.58 UJ	0.57 UJ	0.64 UJ	0.6 UJ	0.61 UJ	0.78 UJ	1.3 UJ	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)																	
OXIDATION REDUCTION POTENTIAL	NC	388	398	395	406	404	404	391	397	398	340	348	425	424	413	348	396
MISCELLANEOUS PARAMETERS (S.U.)																	
PH	NC	8.94	8.54	8.73	8.52	8.57	8.47	8.35	7.98	8.32	8.62	8.34	8.48	8.26	7.98	7.33	8.22

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DETECTION EXCEEDS RDC SRS/CrSCC
NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC	016_G010								
		016_G010_0.6	016_G010_3.0	016_G010_3.4	016_G010_5.0	016_G010_7.9	016_G010_12.9	016_G010_17.0	016_G010_21.0	016_G010_25.0
SAMPLE ID	SRS/CrSCC	20110811	20110811	20110811	20110811	20110811	20110811	20110811	20110811	20110811
SAMPLE DATE										
TOP DEPTH		0.6	3	3.4	5	7.9	12.9	17	21	25
METALS (MG/KG)										
ANTIMONY	31	0.9 UJ	0.9 UJ	0.91 UJ	0.95 UJ	0.97 UJ	1 UJ	1.3 UJ	2.4 UJ	0.91 UJ
CHROMIUM* ‡	120000	29.4 J	55.2 J	991 J	60.9 J	6.7 J	15.7 J	51.3 J	19 J	19.3 J
NICKEL	1600	26.3	14.2	76	10.5	7.9 J	14.9	53.1	13.7 J	14.4
THALLIUM	5	0.99 U	0.99 U	1 U	1 U	1.1 U	1.1 U	1.4 U	2.7 U	1 U
VANADIUM	78	32.2	31.5	117	10.8	7.5 J	17.3	32.5	26.2 J	22.7
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM ‡	20	0.54 U	0.53 U	0.57 U	0.57 U	0.57 U	0.63 U	0.77 U	1.5 U	0.55 U
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	382	404	414	411	418	425	411	423	428
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	9.29	8.77	8.24	8.5	8.39	8.42	8.23	7.52	5.15

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Table 5A
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Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC SRS/CrSCC	016_G011								016_G012							
		016_G011_0.7 20110811	016_G011_2.3 20110811	016_G011_3.6 20110811	016_G011_5.0 20110811	016_G011_11.7 20110811	016_G011_16.0 20110811	016_G011_20.0 20110811	016_G012_0.6 20110811	016_G012_2.9 20110811	016_G012_3.4 20110811	016_G012_5.0 20110811	016_G012_7.8 20110811	016_G012_13.2 20110811	016_G012_17.0 20110811	016_G012_21.0 20110811	
SAMPLE ID																	
SAMPLE DATE																	
TOP DEPTH		0.7	2.3	3.6	5	11.7	16	20	0.6	2.9	3.4	5	7.8	13.2	17	21	
METALS (MG/KG)																	
ANTIMONY	31	0.88 UJ	0.87 UJ	2.3 UJ	1 UJ	1 UJ	1.1 UJ	1.1 UJ	0.91 UJ	1 UJ	0.89 UJ	0.98 UJ	1 UJ	1 UJ	1.3 UJ	1.1 UJ	
CHROMIUM* ‡	120000	21.6	145	2020	33.8	6.2	9.8	16.3	18.8	11.7	563 J	250 J	7.3 J	8.1 J	25.1 J	16.5 J	
NICKEL	1600	6.4 J	14.8	162	16.5	6.9 J	11	14	5.2 J	1.6 J	35.8	13.5	7.9 J	8.3 J	21.7	20.1	
THALLIUM	5	0.97 U	0.96 U	1 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.1 U	0.98 U	1.1 U	1.1 U	1.1 U	1.4 U	1.2 U	
VANADIUM	78	21.3	25.4	226	12.9	7.2 J	11.8 J	16.6	16.6	9.8 J	55.5	13.7	8.8 J	9.4 J	27.3	21.2	
MISCELLANEOUS PARAMETERS (MG/KG)																	
HEXAVALENT CHROMIUM ‡	20	0.55 U	0.53 U	1.4 J	0.59 U	0.6 U	0.65 U	0.67 U	0.58 U	0.58 U	1.2 J	0.58 U	0.6 U	0.59 U	0.77 U	0.62 U	
MISCELLANEOUS PARAMETERS (MV)																	
OXIDATION REDUCTION POTENTIAL	NC	439	424	399	409	413	395	386	398	394	409	475	452	427	414	409	
MISCELLANEOUS PARAMETERS (S.U.)																	
PH	NC	9.01	8.75	8.95	8.55	8.41	8.4	8.43	8.77	8.75	8.61	7.91	8.36	8.38	8.28	8.21	

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DETECTION EXCEEDS RDC SRS/CrSCC
NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_G013								
		016_G013_0.6 20110811	016_G013_2.7 20110811	016_G013_3.3 20110811	016_G013_3.8 20110811	016_G013_7.0 20110811	016_G013_12.8 20110811	016_G013_17.0 20110811	016_G013_21.0 20110811	016_G013_25.0 20110811
METALS (MG/KG)										
ANTIMONY	31	0.99 UJ	0.98 UJ	2.5 UJ	0.89 UJ	1 UJ	0.96 UJ	1.1 UJ	2.9 UJ	1 UJ
CHROMIUM* ‡	120000	147	182	4930	905	8.5	6.9	15.6	13.4	7.1
NICKEL	1600	24.3	13.3	428	28.6	7.5 J	8.3 J	14.9	16.3 J	7 J
THALLIUM	5	1.1 U	1.1 U	2.8 U	0.98 U	1.1 U	1.1 U	1.2 U	3.2 U	1.1 U
VANADIUM	78	28.7	30.6	504	61.2	7.7 J	7 J	16.6	21.4 J	7.4 J
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM ‡	20	4.4	1.6 J	94.9	6.3	0.58 U	0.57 U	0.65 U	1.6 U	0.59 U
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	343	345	279	340	396	392	378	398	383
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	10.5	9.93	11.3	9.68	8.56	8.56	8.35	7.31	8.35

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 DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC	016_G014									016_G015		016_G016
		016_G014_0.5	016_G014_2.0	016_G014_2.5	016_G014_3.2	016_G014_7.0	016_G014_10.0	016_G014_13.3	016_G014_21.0	016_G014_25.0	016_G015_0.6	016_G015_10.3	016_G016_0.6
SAMPLE ID	SRS/CrSCC	20110818	20110818	20110818	20110818	20110818	20110818	20110818	20110818	20110818	20110815	20110815	20110812
SAMPLE DATE													
TOP DEPTH		0.5	2	2.5	3.2	7	10	13.3	21	25	0.6	10.3	0.6
METALS (MG/KG)													
ANTIMONY	31	0.87 UJ	0.94 UJ	13.7 UJ	0.96 UJ	1 UJ	1 UJ	1 UJ	3 UJ	0.99 UJ	0.96 UJ	1 UJ	0.94 UJ
CHROMIUM* ‡	120000	60.8	35.5	6680	718	8.7 J	9.5 J	11 J	22.9 J	12.8 J	173	23.1	28.5
NICKEL	1600	8.8	2.2 J	468	14.4	7.5 J	6.5 J	11.7	14.4 J	10.6	26.3	8.1 J	4.9 J
THALLIUM	5	0.96 U	1 U	15.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	1.1 U	1.1 U	1.1 U	1 U
VANADIUM	78	26	16.7	765	21.5	7.6 J	8.2 J	13.3	23.1 J	14.3	27.1	6.3 J	20.1
MISCELLANEOUS PARAMETERS (MG/KG)													
HEXAVALENT CHROMIUM ‡	20	1.5 J	0.55 UJ	222 J	1 J	0.56 UJ	0.61 UJ	0.61 UJ	2.4 J	0.59 UJ	0.57 U	7.1	2.4 J
MISCELLANEOUS PARAMETERS (MV)													
OXIDATION REDUCTION POTENTIAL	NC	469	406	280	347	417	431	412	404	430	490	511	425
MISCELLANEOUS PARAMETERS (S.U.)													
PH	NC	8.92	9.32	11.1	9.59	8.37	8.35	8.34	7.57	7.6	9.29	8.18	8.91

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC	016_G017						016_H005								
		016_G017_0.6 20110822	016_G017_1.1 20110822	016_G017_1.1-D 20110822	016_G017_2.1 20110822	016_G017_5.8 20110822	016_G017_10.0 20110822	016_H005_0.5 20110705	016_H005_3.2 20110705	016_H005_5.0 20110705	016_H005_5.5 20110705	016_H005_6.0 20110705	016_H005_11.5 20110705	016_H005_15.5 20110705	016_H005_19.5 20110705	016_H005_23.5 20110705
SAMPLE ID																
SAMPLE DATE	SRS/CrSCC															
TOP DEPTH		0.6	1.1	1.1	2.1	5.8	10	0.5	3.2	5	5.5	6	11.5	15.5	19.5	23.5
METALS (MG/KG)																
ANTIMONY	31	0.88 UJ	0.91 UJ	0.93 UJ	0.95 UJ	0.99 UJ	1.5 UJ	0.96 UJ	0.9 UJ	1 UJ	3 UJ	0.95 UJ	1 UJ	1.1 UJ	1 UJ	1.3 UJ
CHROMIUM* ‡	120000	827	760	756	64.3	20.2	23.6	12	16.7	281	3910	1830	20.1	1590	8.4	31.2
NICKEL	1600	56.8	83.2	50.6	15.5	10.2	16.5	28.9	14.9	30.9	557	31.5	18	244	7 J	24.4
THALLIUM	5	0.97 U	1 U	1 U	1 U	1.1 U	1.6 U	1.1 U	0.99 U	1.1 U	3.3 U	1 U	1.1 U	1.2 U	1.1 U	1.4 U
VANADIUM	78	89.1	105	69.7	22.6	17.7	22.5	19.7	24.1	53.6	1060	67.1	22.5	357	7.4 J	30.9
MISCELLANEOUS PARAMETERS (MG/KG)																
HEXAVALENT CHROMIUM ‡	20	14.3 J	14.2 J	11.7 J	1.3 J	0.58 UJ	0.83 UJ	0.55 U	0.53 U	0.6 U	3.1	9.2	0.59 U	1.5 J	0.61 U	0.78 U
MISCELLANEOUS PARAMETERS (MV)																
OXIDATION REDUCTION POTENTIAL	NC	429	433	436	451	449	390	355	349	361	320	312	340	267	329	325
MISCELLANEOUS PARAMETERS (S.U.)																
PH	NC	9.01	8.79	8.82	8.34	8.09	7.88	9.59	8.81	8.27	8.75	9.38	8.65	8.65	8.48	7.86

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_H007							
		016_H007_0.5 20110706	016_H007_3.5 20110706	016_H007_7.5 20110706	016_H007_11.5 20110706	016_H007_15.0 20110706	016_H007_20.0 20110706	016_H007_23.3 20110706	016_H007_27.5 20110706
METALS (MG/KG)									
ANTIMONY	31	0.99 UJ	1 UJ	1 UJ	1.1 UJ	1.2 UJ	2.1 UJ	1 UJ	0.97 UJ
CHROMIUM* ‡	120000	116 J	64.5 J	8.6 J	9.3 J	19.8 J	36.4 J	12.6 J	6.5 J
NICKEL	1600	351	21.9	9.4	10.4	17.9	30.7	11.3	10 J
THALLIUM	5	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U	2.3 U	1.1 U	1.1 U
VANADIUM	78	36.1	25.3	9.4 J	12.7	20.5	46.1	22.7	7.2 J
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM ‡	20	0.6 UJ	0.6 UJ	0.6 UJ	0.62 UJ	0.7 UJ	1.2 UJ	0.56 UJ	0.61 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	340	369	367	388	375	393	379	455
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	9.63	8.19	8.48	8.53	8.48	7.23	7.54	8.83

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Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_H008								016_H009					
		016_H008_0.4 20110810	016_H008_2.2 20110810	016_H008_2.7 20110810	016_H008_5.0 20110810	016_H008_11.3 20110810	016_H008_15.5 20110810	016_H008_20.0 20110810	016_H008_23.3 20110810	016_H009_0.4 20110819	016_H009_5.0 20110819	016_H009_5.0-D 20110819	016_H009_10.0 20110819	016_H009_20.0 20110819	016_H009_25.0 20110819
METALS (MG/KG)		0.4	2.2	2.7	5	11.3	15.5	20	23.3	0.4	5	5	10	20	25
ANTIMONY	31	0.97 UJ	0.94 UJ	0.98 UJ	0.91 UJ	0.97 UJ	1.3 UJ	0.029 UJ	0.022 UJ	0.92 UJ	1 UJ	0.98 UJ	1 UJ	0.99 UJ	1 UJ
CHROMIUM* ‡	120000	57.5	147	1290	139	7.5	31.4	0.63	0.33	36.7 J	131 J	205 J	10.9 J	11.1	15.7
NICKEL	1600	40	20.6	173	15.6	8.9	26.5	0.58	0.36	3220	9.8	9.8	7.7 J	12.2	12.5
THALLIUM	5	1.1 U	1 U	1.1 U	1 U	1.1 U	1.4 U	0.032 U	0.024 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	78	38	31.1	260	17.7	8.5 J	34.1	0.79	0.38	26.3	12.2	10.9 J	7 J	14.1	19.9
MISCELLANEOUS PARAMETERS (MG/KG)															
HEXAVALENT CHROMIUM ‡	20	0.54 UJ	1.3 J	2.1 J	0.81 J	0.59 UJ	0.81 U	0.84 U	0.61 U	0.55 U	0.58 U	5.4	0.6 U	0.58 U	0.56 U
MISCELLANEOUS PARAMETERS (MV)															
OXIDATION REDUCTION POTENTIAL	NC	397	433	413	385	406	374	371	424	404	435	442	434	413	420
MISCELLANEOUS PARAMETERS (S.U.)															
PH	NC	9.07	8.3	8.71	9.41	8.45	8.24	7.79	7.9	9.78	8.21	7.97	8.63	8.74	8.98

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

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Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_H010									
		016_H010_0.5 20110817	016_H010_2.4 20110817	016_H010_2.9 20110817	016_H010_3.4 20110817	016_H010_7.5 20110817	016_H010_12.2 20110817	016_H010_16.0 20110817	016_H010_20.0 20110817	016_H010_25.0 20110817	016_H010_25.0-D 20110817
METALS (MG/KG)											
ANTIMONY	31	0.92 UJ	0.91 UJ	4.6 J	0.99 UJ	1 UJ	1 UJ	1.3 UJ	1.7 UJ	0.98 UJ	0.92 UJ
CHROMIUM* ‡	120000	55.4	184	2390	671	12.9	6.7	27	21.1	11.6	11
NICKEL	1600	534	30.4	312	26	7.8 J	7.7 J	24.2	16.5	14.8	13.4
THALLIUM	5	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.5 U	1.9 U	1.1 U	1 U
VANADIUM	78	40.4	45.7	265	50.7	6.9 J	8.9 J	30.7	23.9	15.3	13.8
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM ‡	20	0.54 U	0.57 U	2.3 J	0.67 J	0.56 U	0.58 U	0.8 U	1 U	0.59 U	0.58 J
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	NC	436	442	422	430	438	435	406	448	446	414
MISCELLANEOUS PARAMETERS (S.U.)											
PH	NC	9.57	8.7	8.88	8.66	8.41	8.38	8.28	7.85	8.48	8.4

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REMEDIATION STANDARD
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NA = NOT APPLICABLE
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DETECTION EXCEEDS RDC SRS/CrSCC
NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_H011							
		016_H011_0.6 20110816	016_H011_1.1 20110816	016_H011_1.6 20110816	016_H011_2.2 20110816	016_H011_2.7 20110816	016_H011_3.2 20110816	016_H011_8.0 20110816	016_H011_25.0 20110816
METALS (MG/KG)									
ANTIMONY	31	0.91 UJ	0.92 UJ	0.96 UJ	0.97 UJ	5 J	1 UJ	1 UJ	1 UJ
CHROMIUM* ‡	120000	48.3	42.8	525	155	4440	709	12.1	10.6
NICKEL	1600	4.6 J	6.5 J	81.4	16.4	390	54.2	8.3 J	12.9
THALLIUM	5	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
VANADIUM	78	15.1	24.1	68.2	30.7	379	48.8	7.2 J	13.7
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM ‡	20	1.4 J	1.1 J	1.8 J	0.57 UJ	18.9 J	17.5 J	0.59 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	433	438	420	396	303	341	403	428
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	9.21	8.88	9.1	9.49	11	10.3	8.56	7

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REMEDIATION STANDARD

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DETECTION EXCEEDS RDC SRS/CrSCC

NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
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Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_H012									
		016_H012_0.5 20110826	016_H012_2.2 20110826	016_H012_2.7 20110826	016_H012_3.3 20110826	016_H012_6.5 20110826	016_H012_6.5-D 20110826	016_H012_12.2 20110826	016_H012_16.0 20110826	016_H012_20.0 20110826	016_H012_25.0 20110826
METALS (MG/KG)											
ANTIMONY	31	0.92 UJ	0.94 UJ	1 UJ	0.99 UJ	0.96 UJ	1 UJ	0.94 UJ	1.3 UJ	0.97 UJ	1.3 UJ
CHROMIUM* ‡	120000	38.8	71.5	2660	168	206	166	6.2	23.9	9.4	22.7
NICKEL	1600	4.2 J	8.6	342	14.2	7.9 J	7 J	7.4 J	21.9	11.9	19.9
THALLIUM	5	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.4 U	1.1 U	1.4 U
VANADIUM	78	14	24.1	417	18.8	6.5 J	6.8 J	7.1 J	26.7	12.4	24.1
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM ‡	20	1.2 J	1 J	23.6 J	6.6 J	12.5 J	3.9 J	0.92 J	0.74 UJ	0.57 UJ	0.74 UJ
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	NC	423	404	355	371	416	415	431	425	460	433
MISCELLANEOUS PARAMETERS (S.U.)											
PH	NC	9.13	9.26	10.1	9.8	8.78	8.83	8.25	8.12	6.98	8.08

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NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_H013								
		016_H013_0.6 20110824	016_H013_2.3 20110824	016_H013_2.8 20110824	016_H013_3.1 20110824	016_H013_7.0 20110824	016_H013_12.0 20110824	016_H013_12.0-D 20110824	016_H013_20.0 20110824	016_H013_25.0 20110824
METALS (MG/KG)										
ANTIMONY	31	0.94 UJ	0.93 UJ	4.9 UJ	0.95 UJ	0.96 UJ	0.99 UJ	0.96 UJ	1.1 UJ	0.99 UJ
CHROMIUM* ‡	120000	28.8	50.7	3220	1130	6.9	6.7	7	9.6	8.7
NICKEL	1600	7.6 J	4.5 J	279	24.5	7.8 J	7.9 J	7.8 J	8.2 J	10.6
THALLIUM	5	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
VANADIUM	78	19.2	14.1	342	63.8	7.3 J	7.6 J	7.6 J	12 J	10.2 J
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM ‡	20	0.52 U	1.4 J	0.62 U	2.7	0.57 U	0.6 U	0.6 U	0.62 U	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	466	418	401	422	436	440	440	447	519
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	8.78	9.29	9.52	9.06	8.67	8.36	8.31	7.73	6.99

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 DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
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 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_H014								016_H016		
		016_H014_0.4 20110825	016_H014_5.0 20110825	016_H014_7.8 20110825	016_H014_11.1 20110825	016_H014_15.0 20110825	016_H014_15.0-D 20110825	016_H014_20.0 20110825	016_H014_25.0 20110825	016_H016_0.6 20110823	016_H016_1.1 20110823	016_H016_5.0 20110823
METALS (MG/KG)												
ANTIMONY	31	0.96 UJ	0.96 UJ	0.98 UJ	0.95 UJ	1.1 UJ	1.1 UJ	1.2 UJ	0.99 UJ	1 UJ	0.91 UJ	0.9 UJ
CHROMIUM* ‡	120000	155	260	8.5	6.2	19	10.8	17	8.4	2290	52.2	139
NICKEL	1600	18	9.1	7.5 J	6.8 J	13.6	11.2	14.4	11.7 J	381	10.6	10.6
THALLIUM	5	1.1 U	1.1 U	1.1 U	1 U	1.2 U	1.2 U	1.4 U	1.1 U	2.8 U	1 U	0.99 U
VANADIUM	78	27.6	11.8	8.4 J	7.4 J	14.8	11.5 J	17.4	10.9 J	335	15.4	20.1
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM ‡	20	0.91 J	2.4 J	0.56 UJ	0.56 UJ	0.66 UJ	0.65 UJ	0.7 UJ	0.58 UJ	118 J	5.4 J	3.5 J
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	NC	371	395	440	430	406	401	414	439	409	406	425
MISCELLANEOUS PARAMETERS (S.U.)												
PH	NC	9.74	9.31	8.46	8.52	8.39	8.41	7.88	8.17	9.26	9.5	9.1

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 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

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Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_I005							016_I006						
		016_I005_1.0 20110705	016_I005_1.8 20110706	016_I005_6.8 20110706	016_I005_10.8 20110706	016_I005_15.0 20110706	016_I005_20.0 20110706	016_I005_25.0 20110706	016_I006_0.6 20110705	016_I006_3.4 20110706	016_I006_7.5 20110706	016_I006_10.7 20110706	016_I006_15.0 20110706	016_I006_20.0 20110706	016_I006_25.0 20110706
METALS (MG/KG)															
ANTIMONY	31	0.98 UJ	1 UJ	1 UJ	1 UJ	1.3 UJ	2.3 UJ	0.97 UJ	0.92 UJ	1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	2.5 UJ	1 UJ
CHROMIUM* ‡	120000	114	147	5.8	7.8	22	21.3	4	180	869	10.7	13.8	23.1	32.1	6.9
NICKEL	1600	69.7	58.3	6.7 J	9.5	20.7	15.8 J	4.8 J	40.3	13.2	9.2 J	12	19.8	24.4	8.3 J
THALLIUM	5	1.1 U	1.1 U	1.1 U	1.1 U	1.4 U	2.5 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.3 U	2.7 U	1.1 U
VANADIUM	78	31.1	34.8	7.3 J	10.3 J	23.9	31.1	5.4 J	50.2	17.5	8.9 J	11.8 J	22.4	39.2	10.4 J
MISCELLANEOUS PARAMETERS (MG/KG)															
HEXAVALENT CHROMIUM ‡	20	0.57 U	0.59 U	6.7	0.61 U	0.72 U	1.3 UJ	0.59 UJ	0.56 U	0.6 UJ	0.61 UJ	2.1 J	0.71 UJ	1.5 UJ	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)															
OXIDATION REDUCTION POTENTIAL	NC	--	192	265	270	282	307	304	--	295	301	300	346	374	314
MISCELLANEOUS PARAMETERS (S.U.)															
PH	NC	--	11.2	8.81	8.61	8.21	7.49	7.78	--	8.37	8.34	8.43	8.11	6.85	8.72

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC	016_1006a						016_1009					
		016_1006a_0.7	016_1006a_2.9	016_1006a_7.7	016_1006a_11.5	016_1006a_15.5	016_1006a_20.0	016_1009_0.0	016_1009_5.0	016_1009_11.5	016_1009_15.5	016_1009_20.0	016_1009_25.0
SAMPLE ID	SRS/CrSCC	20110705	20110706	20110706	20110706	20110706	20110706	20110809	20110809	20110809	20110809	20110809	20110809
SAMPLE DATE													
TOP DEPTH		0.7	2.9	7.7	11.5	15.5	20	0	5	11.5	15.5	20	25
METALS (MG/KG)													
ANTIMONY	31	0.93 UJ	1 UJ	1 UJ	1.4 UJ	1.3 UJ	1.6 UJ	0.92 UJ	0.94 UJ	1.1 UJ	1.4 UJ	1.4 UJ	0.96 UJ
CHROMIUM* ‡	120000	67.8	373	7.9	27.6	27.8	17.8	15 J	165 J	11.3 J	25.3 J	30.9 J	11.9 J
NICKEL	1600	143	10.2	9.5	26	23.2	15.7	14.6	6.2 J	11.5	20.4	26.3	15.1
THALLIUM	5	1 U	1.1 U	1.1 U	1.5 U	1.5 U	1.7 U	1 U	1 U	1.2 U	1.5 U	1.6 U	1.1 U
VANADIUM	78	27.4	10.1 J	9.1 J	30.3	27.9	22	64.4	9.2 J	15.9	23.4	32.2	13.3
MISCELLANEOUS PARAMETERS (MG/KG)													
HEXAVALENT CHROMIUM ‡	20	0.87 J	0.58 UJ	0.61 UJ	0.78 UJ	0.77 UJ	0.94 UJ	0.51 UJ	0.68 J	0.64 UJ	0.78 UJ	0.81 UJ	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)													
OXIDATION REDUCTION POTENTIAL	NC	--	336	330	328	333	355	250	382	381	372	390	370
MISCELLANEOUS PARAMETERS (S.U.)													
PH	NC	--	8.26	8.32	8.08	7.95	6.81	11.3	8.69	8.44	8.26	7.58	8.73

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
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 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_I011								016_I012								
		016_I011_0.5 20110817	016_I011_2.8 20110817	016_I011_3.3 20110817	016_I011_3.5 20110817	016_I011_7.5 20110817	016_I011_11.5 20110817	016_I011_20.0 20110817	016_I011_25.0 20110817	016_I012_0.4 20110824	016_I012_2.0 20110824	016_I012_2.5 20110825	016_I012_3.0 20110824	016_I012_7.0 20110824	016_I012_12.3 20110825	016_I012_12.3-D 20110825	016_I012_20.0 20110825	016_I012_25.0 20110825
METALS (MG/KG)																		
ANTIMONY	31	0.92 UJ	0.9 UJ	4.8 UJ	0.94 UJ	0.96 UJ	1 UJ	1.1 UJ	1 UJ	0.93 UJ	0.91 UJ	5.4 UJ	0.94 UJ	0.98 UJ	0.98 UJ	1 UJ	2.4 UJ	0.94 UJ
CHROMIUM* ‡	120000	120	1200	2780	742	44.3	6.1	13	19.8	40.6	648	6930	479	8.3	8.4	6.4	18.3	12.4
NICKEL	1600	12.5	59.7	349	61.6	6.5 J	7.3 J	12.4	16.7	4.7 J	45.8	446	21.7	8.5 J	8 J	7.3 J	15.4 J	15.3
THALLIUM	5	1 U	0.99 U	1.1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1 U	1 U	6 U	1 U	1.1 U	1.1 U	1.1 U	2.6 U	1 U
VANADIUM	78	27.2	178	261	63	8.5 J	7.4 J	19.2	21.9	12.7	152	592	24.5	8.6 J	7.9 J	7.2 J	24.5 J	15
MISCELLANEOUS PARAMETERS (MG/KG)																		
HEXAVALENT CHROMIUM ‡	20	2.4	64	36.4	21.2	1.1 J	0.59 U	0.59 U	0.62 U	0.53 UJ	3.7 J	276 J	16.8 J	0.59 UJ	0.6 UJ	0.57 UJ	1.4 UJ	0.59 UJ
MISCELLANEOUS PARAMETERS (MV)																		
OXIDATION REDUCTION POTENTIAL	NC	401	377	322	337	398	403	405	398	396	409	271	300	398	397	403	388	449
MISCELLANEOUS PARAMETERS (S.U.)																		
PH	NC	9.28	9.46	10.8	10.6	8.68	8.39	7.74	8.16	9.16	9.16	11.6	10.7	8.8	8.53	8.48	7.66	8.09

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 NON-DETECTION EXCEEDS RDC SRS/CrSCC

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PPG Industries, Inc.
Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_I013									
		016_I013_0.7 20110824	016_I013_1.2 20110824	016_I013_1.7 20110824	016_I013_2.2 20110824	016_I013_2.7 20110824	016_I013_3.1 20110824	016_I013_3.7 20110824	016_I013_7.5 20110824	016_I013_7.5-D 20110824	016_I013_11.9 20110824
METALS (MG/KG)											
ANTIMONY	31	0.91 UJ	0.89 UJ	0.94 UJ	0.97 UJ	1.3 J	5.1 UJ	0.99 UJ	0.97 UJ	0.97 UJ	0.97 UJ
CHROMIUM* ‡	120000	93.7	954	2860	1700	44	7090	1000	7.6	8	8.9
NICKEL	1600	30.4	70.2	182	130	21.2	626	39.2	7.1 J	8 J	8.3 J
THALLIUM	5	1 U	0.98 U	1 U	1.1 U	1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	78	70	103	290	214	25.5	889	52	7.4 J	8.1 J	8.7 J
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM ‡	20	0.55 J	0.53 U	3.3	2.3	1.4 J	128 J	3.2 J	0.58 UJ	0.59 J	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	NC	423	431	381	358	217	278	325	398	401	412
MISCELLANEOUS PARAMETERS (S.U.)											
PH	NC	9.17	8.76	9.52	10.3	12.6	11.6	10.4	8.8	8.89	8.46

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Residential Direct Contact Soil Remediation Standard

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

LOCATION		016_I014										
SAMPLE ID	RDC	016_I014_0.5	016_I014_1.5	016_I014_2.0	016_I014_2.5	016_I014_5.0	016_I014_5.0-D	016_I014_7.8	16_I014_10.9_11.	016_I014_15.0	016_I014_20.0	016_I014_25.0
SAMPLE DATE	SRS/CrSCC	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825
TOP DEPTH		0.5	1.5	2	2.5	5	5	7.8	10.9	15	20	25
METALS (MG/KG)												
ANTIMONY	31	0.93 UJ	0.92 UJ	2.4 UJ	0.98 UJ	1 UJ	1 UJ	0.95 UJ	0.94 UJ	1.2 UJ	1.3 UJ	0.98 UJ
CHROMIUM* ‡	120000	289	471	2860	249	302	280	8.5	7.4	13.3	20.9	10.2
NICKEL	1600	23.9	31.9	110	15.8	9.9	9.1	7.9 J	7.1 J	11	18.5	9.6
THALLIUM	5	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1.3 U	1.4 U	1.1 U
VANADIUM	78	39.8	45.5	187	29	11.1 J	10.3 J	8.9 J	7.7 J	13.2 J	22.9	12.6
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM ‡	20	4.7 J	17.8 J	11.2 J	4.5 J	5.1 J	6.4 J	0.56 UJ	0.55 UJ	4.5 J	0.78 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	NC	408	382	331	358	404	422	448	400	411	414	500
MISCELLANEOUS PARAMETERS (S.U.)												
PH	NC	9.42	10.4	10.7	10.2	9.4	9.14	8.45	8.78	8.51	7.8	6.16

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REMEDIATION STANDARD
‡=Trivalent Chromium Only
‡= CrSCC Chromium Soil Cleanup Criteria
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NC = NO CRITERIA
DETECTION EXCEEDS RDC SRS/CrSCC
NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_I015									016_J005						
		016_I015_0.7 20110825	016_I015_0.9 20110825	016_I015_5.0 20110825	016_I015_7.4 20110825	016_I015_11.5 20110825	016_I015_20.0 20110825	016_I015_20.0-D 20110825	016_I015_25.0 20110825	016_J005_0.0 20110708	016_J005_2.2 20110708	016_J005_2.7 20110708	016_J005_5.0 20110708	016_J005_5.9 20110708	016_J005_10.0 20110708	016_J005_15.0 20110708	016_J005_20.0 20110708
METALS (MG/KG)																	
ANTIMONY	31	1 UJ	1 UJ	1.1 UJ	0.96 UJ	1 UJ	1.3 UJ	1.3 UJ	1.1 UJ	0.54 UJ	0.58 UJ	0.77 UJ	0.66 UJ	0.64 UJ	0.63 UJ	0.73 UJ	1.2 UJ
CHROMIUM* ‡	120000	727	18.8	60.5	238	8.6	18.8	17.5	5.9	41	63.1	2160	4410	964	7.2	22.3	30.1
NICKEL	1600	115	9.1 J	8.3 J	6.3 J	9.3 J	12.5	13.1	5.2 J	39.4	14.6	178	438	44	4.9 J	19.1	16.2
THALLIUM	5	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.4 U	1.5 U	1.2 U	0.3 U	0.32 U	0.43 U	0.37 U	0.36 U	0.35 U	0.41 U	0.67 U
VANADIUM	78	97.5	8.1 J	8.1 J	7.7 J	9.3 J	17.3	17.4	4.9 J	39.9 J	17.9 J	272 J	561	82.1	8.9	23	27.1
MISCELLANEOUS PARAMETERS (MG/KG)																	
HEXAVALENT CHROMIUM ‡	20	15 J	1.6 J	1.8 J	0.81 J	0.6 UJ	0.73 UJ	0.79 UJ	0.62 UJ	0.49 U	0.54 U	0.64 U	8.7	1 J	0.58 U	0.73 J	1 U
MISCELLANEOUS PARAMETERS (MV)																	
OXIDATION REDUCTION POTENTIAL	NC	348	425	444	437	436	415	412	413	385	294	297	279	288	356	318	343
MISCELLANEOUS PARAMETERS (S.U.)																	
PH	NC	10.5	8.78	8.44	8.27	8.39	7.6	7.65	8.51	7.95	8.36	8.16	10.8	10.5	8.39	8.07	7.27

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 DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A

Table of Exceedances for Soil Samples
Initial Investigation
Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC	016_J014					016_K007										
		016_J014_0.7 20110809	016_J014_5.0 20110809	016_J014_15.0 20110809	016_J014_20.0 20110809	016_J014_23.3 20110809	016_K007_0.5 20110803	016_K007_2.3 20110803	016_K007_2.8 20110803	016_K007_3.3 20110803	016_K007_3.8 20110803	016_K007_5.0 20110803	016_K007_11.4 20110803	016_K007_15.0 20110803	016_K007_20.0 20110803	016_K007_25.0 20110803	
SAMPLE ID	SRS/CrSCC	0.7	5	15	20	23.3	0.5	2.3	2.8	3.3	3.8	5	11.4	15	20	25	
SAMPLE DATE																	
TOP DEPTH																	
METALS (MG/KG)																	
ANTIMONY	31	0.89 UJ	1 UJ	1.6 UJ	1.5 UJ	0.96 UJ	1.5 J	1.1 J	2.3 J	2.5 J	5.1 J	1.1 J	0.96 UJ	1.2 UJ	1.5 UJ	1 UJ	
CHROMIUM* ‡	120000	39.1 J	233 J	53.1 J	9.8 J	8.3 J	34.1	131	572	190	3700	546	6.8	19.3	32.9	10	
NICKEL	1600	9.9	7.8 J	39.4	5.8 J	11.8	35.6	25.8	105	23.6	314	10	8.6 J	17.6	28.1	13.7	
THALLIUM	5	0.98 U	1.2 U	1.8 U	1.7 U	1.1 U	1 U	1 U	1.1 U	0.97 U	1.1 U	1.1 U	1.1 U	1.3 U	1.7 U	1.1 U	
VANADIUM	78	12.6	10.5 J	32.6	9.4 J	12.2	47.6	47.3	99.6	28.3	232	53.6	8.5 J	20.1	37.2	11.7	
MISCELLANEOUS PARAMETERS (MG/KG)																	
HEXAVALENT CHROMIUM ‡	20	0.53 UJ	0.58 UJ	0.98 UJ	0.85 UJ	0.57 UJ	0.53 U	1.2 J	3	2.4	1.5 J	9.9	0.58 U	0.68 U	0.91 U	0.59 U	
MISCELLANEOUS PARAMETERS (MV)																	
OXIDATION REDUCTION POTENTIAL	NC	387	403	134	422	478	369	337	342	169	290	368	361	332	356	401	
MISCELLANEOUS PARAMETERS (S.U.)																	
PH	NC	8.75	8.29	8.43	7.6	4.47	8.8	9.38	9.22	12.3	9.8	8.65	8.33	8.09	7.49	8.2	

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DETECTION EXCEEDS RDC SRS/CrSCC
 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION	RDC SRS/CrSCC	016_K009									016_K013					
		016_K009_0.0 20110708	016_K009_1.4 20110708	016_K009_1.9 20110708	016_K009_2.4 20110708	016_K009_7.0 20110708	016_K009_10.7 20110708	016_K009_16.0 20110708	016_K009_20.0 20110708	016_K009_25.0 20110708	016_K013_1.2 20110803	016_K013_2.1 20110803	016_K013_6.0 20110803	016_K013_11.3 20110803	016_K013_20.0 20110803	016_K013_25.0 20110803
SAMPLE ID																
SAMPLE DATE																
TOP DEPTH		0	1.4	1.9	2.4	7	10.7	16	20	25	1.2	2.1	6	11.3	20	25
METALS (MG/KG)																
ANTIMONY	31	0.93 UJ	0.9 UJ	0.97 UJ	0.95 UJ	1 UJ	1.1 UJ	1.4 UJ	1.4 UJ	1 UJ	9.6 J	0.97 J	1.1 UJ	0.97 UJ	1.4 UJ	1 UJ
CHROMIUM* ‡	120000	64.4	23	250	11.1	12.5	8.8	43.3	28.9	11.3	4570	147	101	8.4	35	19.3
NICKEL	1600	97.4	17.5	63.4	6.2 J	7 J	9.9	38.3	25.6	14.7	393	12.9	8.1 J	9.4	21.7	25.5
THALLIUM	5	1 U	0.99 U	1.1 U	1 U	1.1 U	1.2 U	1.5 U	1.6 U	1.1 U	1.1 U	0.96 U	1.2 U	1.1 U	1.6 U	1.1 U
VANADIUM	78	35.9	25.3	63.5	10.5 J	7 J	11 J	34.2	32.9	13.2	589	21.6	8.1 J	10.5 J	26.9	23.9
MISCELLANEOUS PARAMETERS (MG/KG)																
HEXAVALENT CHROMIUM ‡	20	0.53 U	0.52 U	0.74 J	0.54 U	0.58 U	0.59 U	0.8 U	4.6	0.57 U	208 J	12.2 J	0.59 UJ	0.6 UJ	0.81 UJ	0.62 UJ
MISCELLANEOUS PARAMETERS (MV)																
OXIDATION REDUCTION POTENTIAL	NC	346	213	327	355	349	349	275	334	382	317	372	384	365	336	347
MISCELLANEOUS PARAMETERS (S.U.)																
PH	NC	8.34	11	9.57	8.76	8.43	8.32	8.15	7.56	8.28	10.4	9.45	8.53	8.43	8.05	7.84

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 NON-DETECTION EXCEEDS RDC SRS/CrSCC

Table 5A
 Table of Exceedances for Soil Samples
 Initial Investigation
 Residential Direct Contact Soil Remediation Standard

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	RDC SRS/CrSCC	016_L005						016_L010									
		016_L005_0.0 20110708	016_L005_5.0 20110708	016_L005_10.7 20110708	016_L005_15.0 20110708	016_L005_20.0 20110708	016_L005_25.0 20110708	016_L010_0.0 20110803	016_L010_1.6 20110803	016_L010_2.1 20110803	016_L010_2.6 20110803	016_L010_5.0 20110803	016_L010_5.0-D 20110803	016_L010_10.0 20110803	016_L010_16.0 20110803	016_L010_20.0 20110803	016_L010_25.0 20110803
METALS (MG/KG)																	
ANTIMONY	31	0.58 UJ	0.59 UJ	0.61 UJ	0.81 UJ	1.7 UJ	0.69 UJ	0.9 J	2.7 J	10.4 J	0.92 UJ	1.4 J	0.99 J	1 UJ	0.99 UJ	1.4 UJ	1.1
CHROMIUM* ‡	120000	125	48.1	7.7	32.8	28.8	11.7	41.1	530	4650	66.5	453	368	8.1	11.7	24.9	15.7
NICKEL	1600	34	10.2	10.6	27	14.8 J	15.2	30.3	56.4	503	15.3	57.1	54.7	7.3 J	10.2	21.4	20.8
THALLIUM	5	0.32 U	0.33 U	0.34 U	0.45 U	0.97 U	0.38 U	0.99 U	1 U	1.1 U	1 U	1 U	1 U	1.1 U	1.1 U	1.5 U	1.2
VANADIUM	78	45.8 J	10.8 J	11.7 J	24 J	29.1 J	14.7 J	46	70.1	870	22.2	84.6	74.5	7 J	9.7 J	26.5	20.6
MISCELLANEOUS PARAMETERS (MG/KG)																	
HEXAVALENT CHROMIUM ‡	20	0.51 UJ	0.59 UJ	0.59 U	0.74 U	17.2 U	0.57 U	0.51 UJ	12.1 J	169 J	11.2 J	9.1 J	13.3	0.86 J	0.61 U	0.76 U	0.64
MISCELLANEOUS PARAMETERS (MV)																	
OXIDATION REDUCTION POTENTIAL	NC	382	274	324	218	287	316	316	248	305	343	305	309	362	337	343	343
MISCELLANEOUS PARAMETERS (S.U.)																	
PH	NC	8.5	11.2	8.68	8.43	7.57	7.14	9.18	10.7	9.66	10.1	10.4	9.52	8.65	8.59	7.95	7.96

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