

Table 5C

Table of Exceedances for Soil Samples
Initial Investigation
Impact to Groundwater Soil Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	IGW SSL	NUMBER OF EXCEEDENCES DETECTION/NON- DETECTION	016_C007		016_C009		016_C011		016_C013		016_C016	
			016_C007_0.6 20110707	016_C007_5.0 20110707	016_C009_0.5 20110707	016_C009_5.0 20110707	016_C011_0.5 20110816	016_C011_5.0 20110816	016_C013_0.5 20110824	016_C013_3.1 20110824	016_C016_0.6 20110815	016_C016_5.0 20110815
METALS (MG/KG)												
ANTIMONY	6	2/2	0.98 UJ	1 UJ	0.97 UJ	0.97 UJ	0.92 UJ	1.1 UJ	0.9 UJ	2.1 J	1.7 J	0.97 UJ
CHROMIUM	NC	NA	10.9	32.5	20.5	36.6	21.9	44.4	16.5	45.2	22.8 J	25.4 J
NICKEL*	650	1/0	16.7	12.9	32	13.9	5.6 J	13.8	5.5 J	20.9	6.7 J	18.6
THALLIUM	3	0/5	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.2 U	0.99 U	1.1 U	1 U	1.1 U
VANADIUM	NC	NA	13.9	17.1	21.2	15.4	13.8	12.6	13.1	23.3	15.5	29.9
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	NC	NA	0.56 UJ	0.58 UJ	0.56 UJ	0.59 UJ	0.52 UJ	0.61 UJ	0.54 U	0.59 U	0.59 J	0.69 J
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	NC	NA	385	380	323	348	409	472	464	454	526	504
MISCELLANEOUS PARAMETERS (S.U.)												
PH	NC	NA	8.31	7.87	9.16	8.28	8.48	7.64	8.68	8.39	8.31	8.72

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		016_C017_0.4 20110817	016_C017_5.0 20110823	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_D005a_0.4 20110808	016_D005a_5.0 20110808	016_D007_0.4 20110808	016_D007_5.0 20110808
METALS (MG/KG)												
ANTIMONY	6	0.92 UJ	1 UJ	0.59 UJ	0.63 UJ	0.56 UJ	0.61 UJ	0.57 UJ	0.88 UJ	0.97 UJ	0.9 UJ	1.1 J
CHROMIUM	NC	29.6	13	275	770	738	847	509	12.4 J	30 J	16.2	61.9
NICKEL*	650	18.1	20.9	41.6	119	107	131	47.5	33.1	22.7	6.4 J	14.9
THALLIUM	3	1 U	1.1 U	0.33 U	0.35 U	0.31 U	0.34 U	0.31 U	0.97 U	1.1 U	1 U	1 U
VANADIUM	NC	23.9	14.9	56.1	141	143	135	67.4	17.8	22.2	20.6	27.5
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	NC	0.55 U	0.83 J	0.9 J	3.6	3.2	3.5	3	0.54 UJ	0.53 UJ	0.54 U	0.57 U
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	NC	495	460	363	307	266	281	290	404	443	414	397
MISCELLANEOUS PARAMETERS (S.U.)												
PH	NC	8.21	8.18	8.83	10	10.7	10.7	10.3	6.48	8.09	8.05	8.24

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		016_D008_0.4 20110810	016_D008_5.0 20110810	016_D008_5.0-D 20110810	016_D010_0.4 20110815	016_D010_2.5 20110815	016_D010_3.0 20110815	016_D010_3.5 20110815	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
SAMPLE ID		0.4	5	5	0.4	2.5	3	3.5	0.4	2.6	3.1	5	5
SAMPLE DATE													
TOP DEPTH													
METALS (MG/KG)													
ANTIMONY	6	0.91 UJ	0.94 UJ	0.96 UJ	0.89 UJ	0.97 UJ	1 UJ	1.2 UJ	0.9 UJ	0.99 UJ	1.1 UJ	2.6 J	1.8 J
CHROMIUM	NC	25.2	76.7	59.1	19.6 J	736 J	740 J	559 J	20.9	197	98	143	137
NICKEL*	650	168	26.8	16.4	230	121	79.1	66.1	5.5 J	26.6	18.4	20	20
THALLIUM	3	1 U	1 U	1.1 U	0.97 U	1.1 U	1.1 U	1.3 U	0.99 U	1.1 U	1.2 U	1.1 U	1.2 U
VANADIUM	NC	24.5	28	25	21.4	94.8	76.6	98	17.1	31.9	35.2	33.1	34.8
MISCELLANEOUS PARAMETERS (MG/KG)													
HEXAVALENT CHROMIUM	NC	0.54 UJ	0.55 UJ	0.56 UJ	0.55 U	0.55 U	0.57 U	0.72 U	0.55 UJ	0.6 UJ	0.61 UJ	5.7 J	1 J
MISCELLANEOUS PARAMETERS (MV)													
OXIDATION REDUCTION POTENTIAL	NC	344	452	423	438	462	461	452	455	452	465	455	451
MISCELLANEOUS PARAMETERS (S.U.)													
PH	NC	9.66	8.3	8.04	9.4	8.59	8.52	8.24	8.7	8.17	7.77	8.01	8.01

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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_D016_0.4 20110815	016_D018_0.4 20110817	016_D018_5.0 20110817	016_E005_0.4 20110808	016_E005_5.0 20110808
METALS (MG/KG)										
ANTIMONY	6	0.99 UJ	0.97 UJ	1.2 J	1.8 J	3.1 J	0.98 UJ	0.98 UJ	0.95 UJ	0.88 UJ
CHROMIUM	NC	18	14	118	694	30.9	17.7	16.6	8.8 J	14.4 J
NICKEL*	650	4.5 J	5.9 J	22.6	51.3	19.7	10	13	5.9 J	23.4
THALLIUM	3	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1 U	0.97 U
VANADIUM	NC	16.9	17.6	40.8	57.1	24.4	19.1	15	16.5	15.4
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	NC	0.62 J	0.54 U	0.59 U	5.8	0.55 U	0.56 U	0.57 U	0.55 UJ	0.54 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	464	446	438	430	539	599	496	401	312
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	8.98	8.68	8.55	8.5	7.66	5.34	8.03	8.25	9.73

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		016_E007_0.5 20110810	016_E007_5.0 20110810	016_E009_0.5 20110707	016_E009_3.5 20110707	016_E011_0.7 20110816	016_E011_2.6 20110816	016_E013_0.5 20110825	016_E015_0.5 20110812	016_E015_5.0 20110812
SAMPLE ID		0.5	5	0.5	3.5	0.7	2.6	0.5	0.5	5
SAMPLE DATE										
TOP DEPTH										
METALS (MG/KG)										
ANTIMONY	6	1 UJ	1 UJ	0.92 UJ	0.94 UJ	0.97 UJ	1.3 UJ	1.1 J	1.5 J	0.93 UJ
CHROMIUM	NC	13	25.3	34.4 J	32.4 J	29.6	267	121	39	7
NICKEL*	650	11.2	7.4 J	270 J	12.2 J	8.1 J	59.4	21.6	14 J	7.6 J
THALLIUM	3	1.1 U	1.2 U	1 U	1 U	1.1 U	1.4 U	1.1 U	1.1 U	1 U
VANADIUM	NC	23.2	32.5	25.5 J	16.1 J	20.7	83.1	32.3	25.7	7.9 J
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	NC	0.56 UJ	0.6 UJ	0.54 UJ	0.55 UJ	4.2 J	0.71 UJ	0.55 UJ	0.55 UJ	1.7 J
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	425	414	369	376	424	414	407	284	418
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	8.81	8.64	9.01	8.07	7.82	7.73	8.85	11	7.94

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		016_E017_0.5 20110815	016_E017_5.0 20110815	016_E019_0.6 20110822	016_F005_0.0 20110708	016_F005_1.0 20110708	016_F005_1.5 20110708	016_F005_2.1 20110708	016_F005a_0.4 20110808	016_F007_0.6 20110809
SAMPLE ID		0.5	5	0.6	0	1	1.5	2.1	0.4	0.6
SAMPLE DATE										
TOP DEPTH										
METALS (MG/KG)										
ANTIMONY	6	0.95 UJ	0.98 UJ	1 UJ	0.55 UJ	0.66 UJ	0.7 UJ	0.7 UJ	0.89 UJ	0.93 UJ
CHROMIUM	NC	8.9	17.9	12.6	522	2860	1820	1500	8.3 J	77.3 J
NICKEL*	650	8.9	14	11.9	80.8	403	526	406	4.1 J	29.5
THALLIUM	3	1 U	1.1 U	1.1 U	0.31 U	0.36 U	0.39 U	0.39 U	0.98 U	1 U
VANADIUM	NC	10 J	23.2	14	93.9	463	651	428	14.7	20.3
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	NC	0.54 U	0.75 J	0.61 UJ	0.53 U	18.7	32.3	45.5	0.54 U	0.53 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	573	525	503	307	265	302	268	481	381
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	7.7	8.28	7.06	8.74	11.5	11.6	11.5	7.54	8.78

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		016_F008_0.4 20110810	016_F008_5.0 20110810	016_F010_0.4 20110823	016_F010_2.0 20110823	016_F010_3.0 20110823	016_F012_0.5 20110818	016_F012_2.0 20110818	016_F012_3.0 20110818
SAMPLE ID									
SAMPLE DATE									
TOP DEPTH		0.4	5	0.4	2	3	0.5	2	3
METALS (MG/KG)									
ANTIMONY	6	0.96 UJ	1.2 J	0.94 UJ	1.6 J	1.1 UJ	0.9 UJ	0.99 UJ	2.7 UJ
CHROMIUM	NC	17.2	57	9.6 J	140	374	25.5 J	89.2 J	2340 J
NICKEL*	650	9.1	30.9	8.2 J	28.1	48.7	10.5	38.4	267
THALLIUM	3	1.1 U	1.1 U	1 U	1.1 U	1.2 U	0.99 U	1.1 U	1.2 U
VANADIUM	NC	17.3	30.3	18	33.2	57.6	23.4	27.2	366
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	NC	0.55 UJ	1.1 J	2.2 J	0.77 J	0.61 UJ	0.54 UJ	0.59 UJ	13.3 J
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	390	404	440	449	431	440	442	295
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	8.72	8.56	8.66	8.28	8.51	9.03	8.32	10.7

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		016_F014_0.4 20110812	016_F014_1.9 20110812	016_F014_2.4 20110812	016_F014_2.9 20110812	016_F016_0.5 20110818	016_G005_0.5 20110705	016_G005_3.5 20110706
METALS (MG/KG)								
ANTIMONY	6	0.97 UJ	1.1 UJ	6.6 UJ	0.9 UJ	0.94 UJ	1 UJ	0.94 UJ
CHROMIUM	NC	394 J	45.8 J	7030 J	1130 J	41.2 J	71.1	30
NICKEL*	650	36.8	19.1	525	12	9.5	332	19.9
THALLIUM	3	1.1 U	1.2 U	5.8 U	0.99 U	1 U	1.1 U	1 U
VANADIUM	NC	64.1	20.3	800	38.7	20.6	26.4	24.3
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	NC	0.57 UJ	4.1 J	63.3 J	4.4 J	0.61 J	0.58 U	0.55 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	459	410	314	330	417	--	313
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	7.97	8.2	10.6	9.79	9.04	--	8.24

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SAMPLE ID		016_G007_0.4	016_G008_0.5	016_G009_1.1	016_G009_5.0	016_G010_0.6	016_G010_3.0	016_G010_3.4
SAMPLE DATE		20110809	20110810	20110707	20110707	20110811	20110811	20110811
TOP DEPTH		0.4	0.5	1.1	5	0.6	3	3.4
METALS (MG/KG)								
ANTIMONY	6	0.98 UJ	0.92 UJ	0.94 UJ	1.2 UJ	0.9 UJ	0.9 UJ	0.91 UJ
CHROMIUM	NC	60.9 J	11.6	105 J	175 J	29.4 J	55.2 J	991 J
NICKEL*	650	281	14.6	16.8 J	29.5 J	26.3	14.2	76
THALLIUM	3	1.1 U	1 U	1 U	1.3 U	0.99 U	0.99 U	1 U
VANADIUM	NC	23.6	20.4	39.9 J	39.8 J	32.2	31.5	117
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	NC	0.56 UJ	0.53 UJ	0.57 UJ	0.64 UJ	0.54 U	0.53 U	0.57 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	341	388	340	348	382	404	414
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	9.52	8.94	8.62	8.34	9.29	8.77	8.24

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		016_G011_0.7 20110811	016_G011_2.3 20110811	016_G011_3.6 20110811	016_G011_5.0 20110811	016_G012_0.6 20110811	016_G012_2.9 20110811
METALS (MG/KG)							
ANTIMONY	6	0.88 UJ	0.87 UJ	2.3 UJ	1 UJ	0.91 UJ	1 UJ
CHROMIUM	NC	21.6	145	2020	33.8	18.8	11.7
NICKEL*	650	6.4 J	14.8	162	16.5	5.2 J	1.6 J
THALLIUM	3	0.97 U	0.96 U	1 U	1.1 U	1 U	1.1 U
VANADIUM	NC	21.3	25.4	226	12.9	16.6	9.8 J
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	NC	0.55 U	0.53 U	1.4 J	0.59 U	0.58 U	0.58 U
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	NC	439	424	399	409	398	394
MISCELLANEOUS PARAMETERS (S.U.)							
PH	NC	9.01	8.75	8.95	8.55	8.77	8.75

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		016_G013_0.6 20110811 0.6	016_G013_2.7 20110811 2.7	016_G014_0.5 20110818 0.5	016_G014_2.0 20110818 2	016_G014_2.5 20110818 2.5	016_G015_0.6 20110815 0.6	016_G016_0.6 20110812 0.6
METALS (MG/KG)								
ANTIMONY	6	0.99 UJ	0.98 UJ	0.87 UJ	0.94 UJ	13.7 UJ	0.96 UJ	0.94 UJ
CHROMIUM	NC	147	182	60.8	35.5	6680	173	28.5
NICKEL*	650	24.3	13.3	8.8	2.2 J	468	26.3	4.9 J
THALLIUM	3	1.1 U	1.1 U	0.96 U	1 U	15.1 U	1.1 U	1 U
VANADIUM	NC	28.7	30.6	26	16.7	765	27.1	20.1
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	NC	4.4	1.6 J	1.5 J	0.55 UJ	222 J	0.57 U	2.4 J
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	343	345	469	406	280	490	425
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	10.5	9.93	8.92	9.32	11.1	9.29	8.91

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Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	IGW SSL	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_H005_0.5 20110705	016_H005_3.2 20110705	016_H005_5.0 20110705	016_H005_5.5 20110705
METALS (MG/KG)										
ANTIMONY	6	0.88 UJ	0.91 UJ	0.93 UJ	0.95 UJ	0.99 UJ	0.96 UJ	0.9 UJ	1 UJ	3 UJ
CHROMIUM	NC	827	760	756	64.3	20.2	12	16.7	281	3910
NICKEL*	650	56.8	83.2	50.6	15.5	10.2	28.9	14.9	30.9	557
THALLIUM	3	0.97 U	1 U	1 U	1 U	1.1 U	1.1 U	0.99 U	1.1 U	3.3 U
VANADIUM	NC	89.1	105	69.7	22.6	17.7	19.7	24.1	53.6	1060
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	NC	14.3 J	14.2 J	11.7 J	1.3 J	0.58 UJ	0.55 U	0.53 U	0.6 U	3.1
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	429	433	436	451	449	355	349	361	320
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	9.01	8.79	8.82	8.34	8.09	9.59	8.81	8.27	8.75

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DETECTION EXCEEDS IGW SSL

NON-DETECTION EXCEEDS IGW SSL

Table 5C

Table of Exceedances for Soil Samples
Initial Investigation
Impact to Groundwater Soil Screening Level

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

LOCATION	IGW SSL	016_H007		016_H008			016_H009		
		016_H007_0.5 20110706	016_H007_3.5 20110706	016_H008_0.4 20110810	016_H008_2.2 20110810	016_H008_2.7 20110810	016_H009_0.4 20110819	016_H009_5.0 20110819	016_H009_5.0-D 20110819
SAMPLE ID		0.5	3.5	0.4	2.2	2.7	0.4	5	5
SAMPLE DATE									
TOP DEPTH									
METALS (MG/KG)									
ANTIMONY	6	0.99 UJ	1 UJ	0.97 UJ	0.94 UJ	0.98 UJ	0.92 UJ	1 UJ	0.98 UJ
CHROMIUM	NC	116 J	64.5 J	57.5	147	1290	36.7 J	131 J	205 J
NICKEL*	650	351	21.9	40	20.6	173	3220	9.8	9.8
THALLIUM	3	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1 U	1.1 U	1.1 U
VANADIUM	NC	36.1	25.3	38	31.1	260	26.3	12.2	10.9 J
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	NC	0.6 UJ	0.6 UJ	0.54 UJ	1.3 J	2.1 J	0.55 U	0.58 U	5.4
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	340	369	397	433	413	404	435	442
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	9.63	8.19	9.07	8.3	8.71	9.78	8.21	7.97

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PPG Industries, Inc.
Jersey City, New Jersey

LOCATION	IGW SSL	016_H010			016_H011					
		016_H010_0.5 20110817	016_H010_2.4 20110817	016_H010_2.9 20110817	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
SAMPLE ID										
SAMPLE DATE										
TOP DEPTH		0.5	2.4	2.9	0.6	1.1	1.6	2.2	2.7	3.2
METALS (MG/KG)										
ANTIMONY	6	0.92 UJ	0.91 UJ	4.6 J	0.91 UJ	0.92 UJ	0.96 UJ	0.97 UJ	5 J	1 UJ
CHROMIUM	NC	55.4	184	2390	48.3	42.8	525	155	4440	709
NICKEL*	650	534	30.4	312	4.6 J	6.5 J	81.4	16.4	390	54.2
THALLIUM	3	1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U
VANADIUM	NC	40.4	45.7	265	15.1	24.1	68.2	30.7	379	48.8
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	NC	0.54 U	0.57 U	2.3 J	1.4 J	1.1 J	1.8 J	0.57 UJ	18.9 J	17.5 J
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	436	442	422	433	438	420	396	303	341
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	9.57	8.7	8.88	9.21	8.88	9.1	9.49	11	10.3

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PPG Industries, Inc.
Jersey City, New Jersey

LOCATION	IGW SSL	016_H012				016_H013			
		016_H012_0.5 20110826	016_H012_2.2 20110826	016_H012_2.7 20110826	016_H012_3.3 20110826	016_H013_0.6 20110824	016_H013_2.3 20110824	016_H013_2.8 20110824	016_H013_3.1 20110824
SAMPLE ID									
SAMPLE DATE									
TOP DEPTH		0.5	2.2	2.7	3.3	0.6	2.3	2.8	3.1
METALS (MG/KG)									
ANTIMONY	6	0.92 UJ	0.94 UJ	1 UJ	0.99 UJ	0.94 UJ	0.93 UJ	4.9 UJ	0.95 UJ
CHROMIUM	NC	38.8	71.5	2660	168	28.8	50.7	3220	1130
NICKEL*	650	4.2 J	8.6	342	14.2	7.6 J	4.5 J	279	24.5
THALLIUM	3	1 U	1 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1 U
VANADIUM	NC	14	24.1	417	18.8	19.2	14.1	342	63.8
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	NC	1.2 J	1 J	23.6 J	6.6 J	0.52 U	1.4 J	0.62 U	2.7
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	NC	423	404	355	371	466	418	401	422
MISCELLANEOUS PARAMETERS (S.U.)									
PH	NC	9.13	9.26	10.1	9.8	8.78	9.29	9.52	9.06

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DETECTION EXCEEDS IGW SSL

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Table of Exceedances for Soil Samples
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Site 16 Remedial Investigation Report
PPG Industries, Inc.
Jersey City, New Jersey

LOCATION	IGW SSL	016_H014	016_H016		016_I005		
SAMPLE ID		016_H014_0.4	016_H016_0.6	016_H016_1.1	016_H016_5.0	016_I005_1.0	016_I005_1.8
SAMPLE DATE		20110825	20110823	20110823	20110823	20110705	20110706
TOP DEPTH		0.4	0.6	1.1	5	1	1.8
METALS (MG/KG)							
ANTIMONY	6	0.96 UJ	1 UJ	0.91 UJ	0.9 UJ	0.98 UJ	1 UJ
CHROMIUM	NC	155	2290	52.2	139	114	147
NICKEL*	650	18	381	10.6	10.6	69.7	58.3
THALLIUM	3	1.1 U	2.8 U	1 U	0.99 U	1.1 U	1.1 U
VANADIUM	NC	27.6	335	15.4	20.1	31.1	34.8
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	NC	0.91 J	118 J	5.4 J	3.5 J	0.57 U	0.59 U
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	NC	371	409	406	425	--	192
MISCELLANEOUS PARAMETERS (S.U.)							
PH	NC	9.74	9.26	9.5	9.1	--	11.2

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

LOCATION	IGW SSL	016_I006	016_I006a		016_I009	016_I011		
SAMPLE ID		016_I006_0.6	016_I006a_0.7	016_I006a_2.9	016_I009_0.0	016_I011_0.5	016_I011_2.8	016_I011_3.3
SAMPLE DATE		20110705	20110705	20110706	20110809	20110817	20110817	20110817
TOP DEPTH		0.6	0.7	2.9	0	0.5	2.8	3.3
METALS (MG/KG)								
ANTIMONY	6	0.92 UJ	0.93 UJ	1 UJ	0.92 UJ	0.92 UJ	0.9 UJ	4.8 UJ
CHROMIUM	NC	180	67.8	373	15 J	120	1200	2780
NICKEL*	650	40.3	143	10.2	14.6	12.5	59.7	349
THALLIUM	3	1 U	1 U	1.1 U	1 U	1 U	0.99 U	1.1 U
VANADIUM	NC	50.2	27.4	10.1 J	64.4	27.2	178	261
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	NC	0.56 U	0.87 J	0.58 UJ	0.51 UJ	2.4	64	36.4
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	--	--	336	250	401	377	322
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	--	--	8.26	11.3	9.28	9.46	10.8

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PPG Industries, Inc.
Jersey City, New Jersey

LOCATION	IGW SSL	016_I012			016_I013					
		016_I012_0.4 20110824	016_I012_2.0 20110824	016_I012_2.5 20110825	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
SAMPLE ID										
SAMPLE DATE										
TOP DEPTH		0.4	2	2.5	0.7	1.2	1.7	2.2	2.7	3.1
METALS (MG/KG)										
ANTIMONY	6	0.93 UJ	0.91 UJ	5.4 UJ	0.91 UJ	0.89 UJ	0.94 UJ	0.97 UJ	1.3 J	5.1 UJ
CHROMIUM	NC	40.6	648	6930	93.7	954	2860	1700	44	7090
NICKEL*	650	4.7 J	45.8	446	30.4	70.2	182	130	21.2	626
THALLIUM	3	1 U	1 U	6 U	1 U	0.98 U	1 U	1.1 U	1 U	5.6 U
VANADIUM	NC	12.7	152	592	70	103	290	214	25.5	889
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	NC	0.53 UJ	3.7 J	276 J	0.55 J	0.53 U	3.3	2.3	1.4 J	128 J
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	NC	396	409	271	423	431	381	358	217	278
MISCELLANEOUS PARAMETERS (S.U.)										
PH	NC	9.16	9.16	11.6	9.17	8.76	9.52	10.3	12.6	11.6

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

LOCATION	IGW SSL	016_I014				016_I015		
		016_I014_0.5 20110825	016_I014_1.5 20110825	016_I014_2.0 20110825	016_I014_2.5 20110825	016_I015_0.7 20110825	016_I015_0.9 20110825	016_I015_5.0 20110825
SAMPLE ID								
SAMPLE DATE								
TOP DEPTH		0.5	1.5	2	2.5	0.7	0.9	5
METALS (MG/KG)								
ANTIMONY	6	0.93 UJ	0.92 UJ	2.4 UJ	0.98 UJ	1 UJ	1 UJ	1.1 UJ
CHROMIUM	NC	289	471	2860	249	727	18.8	60.5
NICKEL*	650	23.9	31.9	110	15.8	115	9.1 J	8.3 J
THALLIUM	3	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U
VANADIUM	NC	39.8	45.5	187	29	97.5	8.1 J	8.1 J
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	NC	4.7 J	17.8 J	11.2 J	4.5 J	15 J	1.6 J	1.8 J
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	NC	408	382	331	358	348	425	444
MISCELLANEOUS PARAMETERS (S.U.)								
PH	NC	9.42	10.4	10.7	10.2	10.5	8.78	8.44

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PPG Industries, Inc.
Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	IGW SSL	016_J005				016_J014	016_K007				
		016_J005_0.0 20110708	016_J005_2.2 20110708	016_J005_2.7 20110708	016_J005_5.0 20110708	016_J014_0.7 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
METALS (MG/KG)											
ANTIMONY	6	0.54 UJ	0.58 UJ	0.77 UJ	0.66 UJ	0.89 UJ	1.5 J	1.1 J	2.3 J	2.5 J	5.1 J
CHROMIUM	NC	41	63.1	2160	4410	39.1 J	34.1	131	572	190	3700
NICKEL*	650	39.4	14.6	178	438	9.9	35.6	25.8	105	23.6	314
THALLIUM	3	0.3 U	0.32 U	0.43 U	0.37 U	0.98 U	1 U	1 U	1.1 U	0.97 U	1.1 U
VANADIUM	NC	39.9 J	17.9 J	272 J	561	12.6	47.6	47.3	99.6	28.3	232
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM	NC	0.49 U	0.54 U	0.64 U	8.7	0.53 UJ	0.53 U	1.2 J	3	2.4	1.5 J
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	NC	385	294	297	279	387	369	337	342	169	290
MISCELLANEOUS PARAMETERS (S.U.)											
PH	NC	7.95	8.36	8.16	10.8	8.75	8.8	9.38	9.22	12.3	9.8

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LOCATION	IGW SSL	016_K009				016_K013		016_L005		016_L010			
		016_K009_0.0 20110708	016_K009_1.4 20110708	016_K009_1.9 20110708	016_K009_2.4 20110708	016_K013_1.2 20110803	016_K013_2.1 20110803	016_L005_0.0 20110708	016_L005_5.0 20110708	016_L010_0.0 20110803	016_L010_1.6 20110803	016_L010_2.1 20110803	016_L010_2.6 20110803
SAMPLE ID		0	1.4	1.9	2.4	1.2	2.1	0	5	0	1.6	2.1	2.6
SAMPLE DATE													
TOP DEPTH													
METALS (MG/KG)													
ANTIMONY	6	0.93 UJ	0.9 UJ	0.97 UJ	0.95 UJ	9.6 J	0.97 J	0.58 UJ	0.59 UJ	0.9 J	2.7 J	10.4 J	0.92 UJ
CHROMIUM	NC	64.4	23	250	11.1	4570	147	125	48.1	41.1	530	4650	66.5
NICKEL*	650	97.4	17.5	63.4	6.2 J	393	12.9	34	10.2	30.3	56.4	503	15.3
THALLIUM	3	1 U	0.99 U	1.1 U	1 U	1.1 U	0.96 U	0.32 U	0.33 U	0.99 U	1 U	1.1 U	1 U
VANADIUM	NC	35.9	25.3	63.5	10.5 J	589	21.6	45.8 J	10.8 J	46	70.1	870	22.2
MISCELLANEOUS PARAMETERS (MG/KG)													
HEXAVALENT CHROMIUM	NC	0.53 U	0.52 U	0.74 J	0.54 U	208 J	12.2 J	0.51 UJ	0.59 UJ	0.51 UJ	12.1 J	169 J	11.2 J
MISCELLANEOUS PARAMETERS (MV)													
OXIDATION REDUCTION POTENTIAL	NC	346	213	327	355	317	372	382	274	316	248	305	343
MISCELLANEOUS PARAMETERS (S.U.)													
PH	NC	8.34	11	9.57	8.76	10.4	9.45	8.5	11.2	9.18	10.7	9.66	10.1

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