

**Table 5**  
**Positive Hits Table for Soil Samples**  
**Initial Investigation**  
**Minimum Soil Remediation Standard/Screening Level**

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	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
SAMPLE ID			0.6	5	7.5	10.7	10.7	15	20	25
SAMPLE DATE										
TOP DEPTH										
<b>METALS (MG/KG)</b>										
ANTIMONY	6	IGW SSL	0.98 UJ	1 UJ	1.2 UJ	1.1 UJ	1 UJ	1.2 UJ	1.6 UJ	0.99 UJ
CHROMIUM	120000	CrSCC	10.9	32.5	101	8	7.3	25.6	21.1	13.1
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	16.7	12.9	19	9.5 J	8.9 J	22.4	14.1 J	11.6
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	13.9	17.1	23.7	8.7 J	8.6 J	28.8	15.8 J	15.1
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	20	CrSCC	0.56 UJ	0.58 UJ	0.71 UJ	0.62 UJ	4.8 J	0.73 UJ	0.96 UJ	0.56 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	NA	385	380	360	369	366	372	370	346
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	NA	8.31	7.87	7.96	8.47	8.44	8.07	7.84	8.44

NC = NO CRITERIA  
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IGW SSL = IMPACT TO GROUNDWATER SOIL SCREENING LEVEL  
RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD  
CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)  
\* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE GROUNDWATER TABLE

**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

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LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	016_C009						016_C011						
			016_C009_0.5	016_C009_5.0	016_C009_7.6	016_C009_11.7	016_C009_15.7	016_C009_23.5	016_C011_0.5	016_C011_5.0	016_C011_7.9	016_C011_10.7	016_C011_15.0	016_C011_20.0	016_C011_25.3
SAMPLE ID			20110707	20110707	20110706	20110706	20110706	20110706	20110816	20110816	20110816	20110816	20110816	20110816	20110816
TOP DEPTH			0.5	5	7.6	11.7	15.7	23.5	0.5	5	7.9	10.7	15	20	25.3
<b>METALS (MG/KG)</b>															
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>															
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>															
OXIDATION REDUCTION POTENTIAL	NC	NA	323	348	347	351	364	470	409	472	443	458	438	439	431
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>															
PH	NC	NA	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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 EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

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Jersey City, New Jersey

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	016_C013								016_C016	
			016_C013_0.5 20110824	016_C013_3.1 20110824	016_C013_7.5 20110824	016_C013_10.2 20110824	016_C013_15.0 20110824	016_C013_15.0-D 20110824	016_C013_20.0 20110824	016_C013_23.7 20110824	016_C016_0.6 20110815	016_C016_5.0 20110815
TOP DEPTH			0.5	3.1	7.5	10.2	15	15	20	23.7	0.6	5
<b>METALS (MG/KG)</b>												
ANTIMONY	6	IGW SSL	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
CHROMIUM	120000	CrSCC	16.5	45.2	10.7	7.4	43.9	40.1	16.7	17.1	22.8 J	25.4 J
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	5.5 J	20.9	10.9	7 J	41.7	32.1	10.7	18.4	6.7 J	18.6
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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
VANADIUM	78	RDC SRS	13.1	23.3	13.1	7.2 J	28.9	27.6	23	20.4	15.5	29.9
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>												
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>												
OXIDATION REDUCTION POTENTIAL	NC	NA	464	454	462	455	305	366	494	485	526	504
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>												
PH	NC	NA	8.68	8.39	8.14	8.52	8.15	8.13	8.26	8.35	8.31	8.72

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GROUNDWATER TABLE

EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION

STANDARD/SCREENING LEVEL

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LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	016_C017		016_D005									
			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_D005_7.0 20110708	016_D005_10.0 20110708	016_D005_14.0 20110708	016_D005_17.8 20110708	016_D005_25.0 20110708
TOP DEPTH			0.4	5	0	1.2	1.7	2.5	3	7	10	14	17.8	25
<b>METALS (MG/KG)</b>														
ANTIMONY	6	IGW SSL	0.92 UJ	1 UJ	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	CrSCC	29.6	13	275	770	738	847	509	9.8	79.6	41	12.7	9.2
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	18.1	20.9	41.6	119	107	131	47.5	9.4	26	37.4	12.6 J	9.3
THALLIUM	3* / 5	IGW SSL* / RDC SRS	1 U	1.1 U	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	RDC SRS	23.9	14.9	56.1	<b>141</b>	<b>143</b>	<b>135</b>	67.4	9.1	31.8	31.1	20.9	12.7
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>														
HEXAVALENT CHROMIUM	20	CrSCC	0.55 U	0.83 J	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>														
OXIDATION REDUCTION POTENTIAL	NC	NA	495	460	363	307	266	281	290	369	360	356	374	328
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>														
PH	NC	NA	8.21	8.18	8.83	10	10.7	10.7	10.3	8.43	8.08	7.92	7.16	9.29

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LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	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			20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808
SAMPLE DATE														
TOP DEPTH			0.4	5	11.2	15	20	25	0.4	5	12.2	16	20	25
<b>METALS (MG/KG)</b>														
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>														
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>														
OXIDATION REDUCTION POTENTIAL	NC	NA	404	443	414	398	434	464	414	397	383	359	373	402
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>														
PH	NC	NA	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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LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	016_D008							
			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
SAMPLE ID										
SAMPLE DATE										
TOP DEPTH			0.4	5	5	7.2	11.9	16	20	22.8
<b>METALS (MG/KG)</b>										
ANTIMONY	6	IGW SSL	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	CrSCC	25.2	76.7	59.1	11.3	13.3	29.4	24.2	10.4
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	168	26.8	16.4	11.9	12.9	25.6	11.2 J	11
THALLIUM	3* / 5	IGW SSL* / RDC SRS	1 U	1 U	1.1 U	1.2 U	1.2 U	1.4 U	1.8 U	1.1 U
VANADIUM	78	RDC SRS	24.5	28	25	14.2	19.2	33.7	16 J	14.7
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	20	CrSCC	0.54 UJ	0.55 UJ	0.56 UJ	0.64 UJ	0.67 UJ	0.8 UJ	1.1 UJ	0.57 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	NA	344	452	423	396	393	366	382	420
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	NA	9.66	8.3	8.04	8.56	8.37	8.12	7.97	5.97

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**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

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LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	016_D010										
			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	
SAMPLE ID													
SAMPLE DATE													
TOP DEPTH			0.4	2.5	3	3.5	5	5.7	10.7	15	20	25	
<b>METALS (MG/KG)</b>													
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	230	121	79.1	66.1	136	46.6	8.5 J	25.7	16 J	15.2	
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	21.4	94.8	76.6	98	187	69.1	8.8 J	31.9	21.4 J	18.4	
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>													
HEXAVALENT CHROMIUM	20	CrSCC	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	
<b>MISCELLANEOUS PARAMETERS (MV)</b>													
OXIDATION REDUCTION POTENTIAL	NC	NA	438	462	461	452	429	422	458	432	443	438	
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>													
PH	NC	NA	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
SAMPLE ID										
SAMPLE DATE										
TOP DEPTH			0.4	2.6	3.1	5	5	10	12.5	16.5
<b>METALS (MG/KG)</b>										
ANTIMONY	6	IGW SSL	0.9 UJ	0.99 UJ	1.1 UJ	2.6 J	1.8 J	1 UJ	1 UJ	1.4 UJ
CHROMIUM	120000	CrSCC	20.9	197	98	143	137	10.7	9.1	49.9
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	5.5 J	26.6	18.4	20	20	8.5 J	9.4	43.8
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	17.1	31.9	35.2	33.1	34.8	8.8 J	11.1 J	31
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	20	CrSCC	0.55 UJ	0.6 UJ	0.61 UJ	5.7 J	1 J	0.77 J	0.62 UJ	0.78 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	NA	455	452	465	455	451	444	436	251
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	NA	8.7	8.17	7.77	8.01	8.01	8.44	8.38	8.12

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\* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE GROUNDWATER TABLE

**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	016_D014									016_D016	016_D018		
			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
TOP DEPTH			0.5	1.4	1.9	2.4	6.5	10	16.5	21	25	0.4	0.4	5	10
<b>METALS (MG/KG)</b>															
ANTIMONY	6	IGW SSL	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	CrSCC	18	14	118	694	467	13.8	34.6	17.8	9.8	30.9	17.7	16.6	20.2
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>															
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>															
OXIDATION REDUCTION POTENTIAL	NC	NA	464	446	438	430	416	438	337	419	442	539	599	496	482
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>															
PH	NC	NA	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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 IGW SSL = IMPACT TO GROUNDWATER SOIL SCREENING LEVEL  
 RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD  
 CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)  
 \* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE GROUNDWATER TABLE  
 EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
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Site 16 Remedial Investigation Report  
 PPG Industries, Inc.  
 Jersey City, New Jersey

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	016_E005								016_E007						
			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	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
<b>METALS (MG/KG)</b>																	
ANTIMONY	6	IGW SSL	0.95 UJ	0.88 UJ	1.3 UJ	1 UJ	1 UJ	1.3 UJ	2.1 UJ	0.98 UJ	1 UJ	1 UJ	0.97 UJ	1 J	1.2 UJ	2.7 UJ	0.85 UJ
CHROMIUM	120000	CrSCC	8.8 J	14.4 J	58.9 J	6.6 J	6.7 J	23.1 J	27.5 J	16 J	13	25.3	12.8	7.7	26.3	28.9	22.3
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	5.9 J	23.4	21.4	8.3 J	8.3 J	21	22.1	11.3	11.2	7.4 J	8.2 J	9.1 J	24.5	18.4 J	15.6
THALLIUM	3* / 5	IGW SSL* / RDC SRS	1 U	0.97 U	1.4 U	1.1 U	1.1 U	1.4 U	2.3 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.3 U	3 U	0.93 U
VANADIUM	78	RDC SRS	16.5	15.4	25.9	7.4 J	7.5 J	23.9	27.3	22.5	23.2	32.5	9.9 J	9 J	29.6	27.1 J	29.5
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																	
HEXAVALENT CHROMIUM	20	CrSCC	0.55 UJ	0.54 UJ	0.73 U	0.6 UJ	0.62 UJ	0.74 UJ	2.5 UJ	0.57 UJ	0.56 UJ	0.6 UJ	0.57 UJ	0.6 UJ	0.75 UJ	1.6 UJ	0.53 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>																	
OXIDATION REDUCTION POTENTIAL	NC	NA	401	312	420	399	399	392	407	448	425	414	409	388	386	405	474
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																	
PH	NC	NA	8.25	9.73	8.18	8.58	8.48	8.07	7.22	6.67	8.81	8.64	8.74	8.8	8.23	7.46	4.29

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**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

**Table 5**  
**Positive Hits Table for Soil Samples**  
**Initial Investigation**  
**Minimum Soil Remediation Standard/Screening Level**

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	016_E009						
			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
<b>METALS (MG/KG)</b>									
ANTIMONY	6	IGW SSL	0.92 UJ	0.94 UJ	0.97 UJ	1 UJ	1.3 UJ	2.4 UJ	0.96 UJ
CHROMIUM	120000	CrSCC	34.4 J	32.4 J	6.1 J	7.1 J	27.4 J	34.5 J	15.7 J
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	270 J	12.2 J	5.7 J	8.8 J	25.2 J	18.5 J	12.2 J
THALLIUM	3 / 5	IGW SSL* / RDC SRS	1 U	1 U	1.1 U	1.1 U	1.4 U	2.6 U	1.1 U
VANADIUM	78	RDC SRS	25.5 J	16.1 J	8.5 J	8.8 J	31.7 J	18 J	19.6 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>									
HEXAVALENT CHROMIUM	20	CrSCC	0.54 UJ	0.55 UJ	0.57 UJ	0.59 UJ	0.74 UJ	1.4 J	0.56 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>									
OXIDATION REDUCTION POTENTIAL	NC	NA	369	376	383	389	396	401	413
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>									
PH	NC	NA	9.01	8.07	8.52	8.5	8	7.75	5.24

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GROUNDWATER TABLE  
**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**  
NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION  
STANDARD/SCREENING LEVEL

Table 5  
Positive Hits Table for Soil Samples  
Initial Investigation  
Minimum Soil Remediation Standard/Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
<b>METALS (MG/KG)</b>																	
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																	
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																	
OXIDATION REDUCTION POTENTIAL	NC	NA	424	414	400	392	390	392	442	407	407	438	441	425	419	408	437
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																	
PH	NC	NA	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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NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

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

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

LOCATION	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	016_E015			016_E017		016_E019			
			016_E015_0.5 20110812	016_E015_5.0 20110812	016_E015_10.0 20110812	016_E017_0.5 20110815	016_E017_5.0 20110815	016_E019_0.6 20110822	016_E019_5.5 20110822	016_E019_10.0 20110822	016_E019_10.0-D 20110822
TOP DEPTH			0.5	5	10	0.5	5	0.6	5.5	10	10
<b>METALS (MG/KG)</b>											
ANTIMONY	6	IGW SSL	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	CrSCC	39	7	13.7	8.9	17.9	12.6	19.7	25.5	24.6
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	14 J	7.6 J	10.7 J	8.9	14	11.9	16.6	18.3	17.5
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	25.7	7.9 J	18.7	10 J	23.2	14	19.5	25.7	24
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>											
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>											
OXIDATION REDUCTION POTENTIAL	NC	NA	284	418	418	573	525	503	443	433	412
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>											
PH	NC	NA	11	7.94	8.15	7.7	8.28	7.06	8.31	7.92	7.93

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GROUNDWATER TABLE

**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION  
STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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
TOP DEPTH	0		1	1	1.5	2.1	5	10	14	20	23	0.4	5	7.8	12.2	16	20	23.1
<b>METALS (MG/KG)</b>																		
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																		
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																		
OXIDATION REDUCTION POTENTIAL	NC	NA	307	265	302	268	286	298	388	389	363	481	412	413	397	380	399	385
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																		
PH	NC	NA	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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 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
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 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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
SAMPLE ID			0.6	5	11.5	15.5	20	24	0.4	5	7.8	11.2	15.6	20	23.2
SAMPLE DATE															
TOP DEPTH															
<b>METALS (MG/KG)</b>															
ANTIMONY	6	IGW SSL	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	CrSCC	77.3 J	75.7	9.6	12	23.6	18.5	17.2	57	7.4	9.9	19	17	16.7
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>															
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>															
OXIDATION REDUCTION POTENTIAL	NC	NA	381	426	390	381	390	445	390	404	402	399	378	411	454
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>															
PH	NC	NA	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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 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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
SAMPLE ID			0.4	2	3	5	7.8	12.3	12.3	16	20	25
SAMPLE DATE												
TOP DEPTH												
<b>METALS (MG/KG)</b>												
ANTIMONY	6	IGW SSL	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	CrSCC	9.6 J	140	374	150	6.5	19	19	19.7	13	13.7
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	8.2 J	28.1	48.7	80.3	8 J	18.7	18.9	19.1	9.6 J	11
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	18	33.2	57.6	35.3	6.8 J	23.6	22.4	22.9	17.9	17.4
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>												
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>												
OXIDATION REDUCTION POTENTIAL	NC	NA	440	449	431	401	463	431	421	412	429	412
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>												
PH	NC	NA	8.66	8.28	8.51	8.94	8.45	8.23	8.18	8.17	7.63	8.82

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 RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD  
 CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)  
 \* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE GROUNDWATER TABLE

**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
SAMPLE ID			0.5	2	3	5.1	7	11.9	20	25
SAMPLE DATE										
TOP DEPTH										
<b>METALS (MG/KG)</b>										
ANTIMONY	6	IGW SSL	0.9 UJ	0.99 UJ	2.7 UJ	5.1 UJ	1 UJ	1.1 UJ	1 UJ	1 UJ
CHROMIUM	120000	CrSCC	25.5 J	89.2 J	2340 J	5030 J	14.7 J	7.4 J	14.6 J	13.5 J
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	10.5	38.4	267	358	8.3 J	7.9 J	17.4	10.2
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	23.4	27.2	366	586	8.4 J	8.8 J	21.6	17.1
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	20	CrSCC	0.54 UJ	0.59 UJ	13.3 J	44.4 J	0.58 UJ	0.61 UJ	0.61 UJ	0.58 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	NA	440	442	295	280	404	413	417	444
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	NA	9.03	8.32	10.7	11.1	8.62	8.37	7.98	6.71

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 \* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE  
 GROUNDWATER TABLE  
 EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION  
 STANDARD/SCREENING LEVEL

Table 5  
Positive Hits Table for Soil Samples  
Initial Investigation  
Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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	F016_5.0_DO_NOT 20110812	016_F016_5.0-D 20110818
TOP DEPTH			0.4	1.9	2.4	2.9	7	10.7	15.5	20	25	0.5	5	5	5
<b>METALS (MG/KG)</b>															
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	1.1 U	1.2 U	5.8 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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>															
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>															
OXIDATION REDUCTION POTENTIAL	NC	NA	459	410	314	330	411	406	399	411	390	417	438	438	464
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>															
PH	NC	NA	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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IGW SSL = IMPACT TO GROUNDWATER SOIL SCREENING LEVEL  
RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD  
CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)  
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EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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
TOP DEPTH			0.5	3.5	7.4	10.5	15	20	0.4	5	8.1	12.2	16	20	23.1
<b>METALS (MG/KG)</b>															
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>															
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>															
OXIDATION REDUCTION POTENTIAL	NC	NA	--	313	321	376	373	380	341	403	398	400	380	408	375
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>															
PH	NC	NA	--	8.24	8.25	8.42	8.08	7.55	9.52	7.91	8.46	8.4	8.14	7.28	8.65

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 EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

**Table 5**  
**Positive Hits Table for Soil Samples**  
**Initial Investigation**  
**Minimum Soil Remediation Standard/Screening Level**

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	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	
SAMPLE ID			0.5	5	6	7.7	11.2	11.2	15.5	20	25	1.1	5	10	12.5	16.5	20.5	25	
SAMPLE DATE																			
TOP DEPTH																			
<b>METALS (MG/KG)</b>																			
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * /1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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	
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																			
HEXAVALENT CHROMIUM	20	CrSCC	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	
<b>MISCELLANEOUS PARAMETERS (MV)</b>																			
OXIDATION REDUCTION POTENTIAL	NC	NA	388	398	395	406	404	404	391	397	398	340	348	425	424	413	348	396	
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																			
PH	NC	NA	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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CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)  
\* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE GROUNDWATER TABLE

**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**  
**NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	016_G010									016_G011						
			016_G010_0.6 20110811	016_G010_3.0 20110811	016_G010_3.4 20110811	016_G010_5.0 20110811	016_G010_7.9 20110811	016_G010_12.9 20110811	016_G010_17.0 20110811	016_G010_21.0 20110811	016_G010_25.0 20110811	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
<b>METALS (MG/KG)</b>																		
ANTIMONY	6	IGW SSL	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	0.88 UJ	0.87 UJ	2.3 UJ	1 UJ	1 UJ	1.1 UJ	1.1 UJ
CHROMIUM	120000	CrSCC	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	21.6	145	2020	33.8	6.2	9.8	16.3
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	26.3	14.2	76	10.5	7.9 J	14.9	53.1	13.7 J	14.4	6.4 J	14.8	162	16.5	6.9 J	11	14
THALLIUM	3* / 5	IGW SSL* / RDC SRS	0.99 U	0.99 U	1 U	1 U	1.1 U	1.1 U	1.4 U	2.7 U	1 U	0.97 U	0.96 U	1 U	1.1 U	1.1 U	1.2 U	1.2 U
VANADIUM	78	RDC SRS	32.2	31.5	117	10.8	7.5 J	17.3	32.5	26.2 J	22.7	21.3	25.4	226	12.9	7.2 J	11.8 J	16.6
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																		
HEXAVALENT CHROMIUM	20	CrSCC	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	0.55 U	0.53 U	1.4 J	0.59 U	0.6 U	0.65 U	0.67 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>																		
OXIDATION REDUCTION POTENTIAL	NC	NA	382	404	414	411	418	425	411	423	428	439	424	399	409	413	395	386
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																		
PH	NC	NA	9.29	8.77	8.24	8.5	8.39	8.42	8.23	7.52	5.15	9.01	8.75	8.95	8.55	8.41	8.4	8.43

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 GROUNDWATER TABLE  
 EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION  
 STANDARD/SCREENING LEVEL

**Table 5**  
**Positive Hits Table for Soil Samples**  
**Initial Investigation**  
**Minimum Soil Remediation Standard/Screening Level**

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	016_G012							
			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			0.6	2.9	3.4	5	7.8	13.2	17	21
<b>METALS (MG/KG)</b>										
ANTIMONY	6	IGW SSL	0.91 UJ	1 UJ	0.89 UJ	0.98 UJ	1 UJ	1 UJ	1.3 UJ	1.1 UJ
CHROMIUM	120000	CrSCC	18.8	11.7	563 J	250 J	7.3 J	8.1 J	25.1 J	16.5 J
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	5.2 J	1.6 J	35.8	13.5	7.9 J	8.3 J	21.7	20.1
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	16.6	9.8 J	55.5	13.7	8.8 J	9.4 J	27.3	21.2
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	20	CrSCC	0.58 U	0.58 U	1.2 J	0.58 U	0.6 U	0.59 U	0.77 U	0.62 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	NA	398	394	409	475	452	427	414	409
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	NA	8.77	8.75	8.61	7.91	8.36	8.38	8.28	8.21

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CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)  
\* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE GROUNDWATER TABLE

**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
SAMPLE ID											
SAMPLE DATE											
TOP DEPTH			0.6	2.7	3.3	3.8	7	12.8	17	21	25
<b>METALS (MG/KG)</b>											
ANTIMONY	6	IGW SSL	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	CrSCC	147	182	4930	905	8.5	6.9	15.6	13.4	7.1
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	24.3	13.3	428	28.6	7.5 J	8.3 J	14.9	16.3 J	7 J
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	28.7	30.6	504	61.2	7.7 J	7 J	16.6	21.4 J	7.4 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>											
HEXAVALENT CHROMIUM	20	CrSCC	4.4	1.6 J	94.9	6.3	0.58 U	0.57 U	0.65 U	1.6 U	0.59 U
<b>MISCELLANEOUS PARAMETERS (MV)</b>											
OXIDATION REDUCTION POTENTIAL	NC	NA	343	345	279	340	396	392	378	398	383
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>											
PH	NC	NA	10.5	9.93	11.3	9.68	8.56	8.56	8.35	7.31	8.35

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 J = ESTIMATED

IGW SSL = IMPACT TO GROUNDWATER SOIL SCREENING LEVEL  
 RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD  
 CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)

\* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE  
 GROUNDWATER TABLE

EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION  
 STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	016_G014									016_G015		016_G016
			016_G014_0.5 20110818	016_G014_2.0 20110818	016_G014_2.5 20110818	016_G014_3.2 20110818	016_G014_7.0 20110818	016_G014_10.0 20110818	016_G014_13.3 20110818	016_G014_21.0 20110818	016_G014_25.0 20110818	016_G015_0.6 20110815	016_G015_10.3 20110815	016_G016_0.6 20110812
<b>METALS (MG/KG)</b>														
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>														
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>														
OXIDATION REDUCTION POTENTIAL	NC	NA	469	406	280	347	417	431	412	404	430	490	511	425
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>														
PH	NC	NA	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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 CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)  
 \* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE  
 GROUNDWATER TABLE  
 EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION  
 STANDARD/SCREENING LEVEL

Table 5  
Positive Hits Table for Soil Samples  
Initial Investigation  
Minimum Soil Remediation Standard/Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
<b>METALS (MG/KG)</b>																	
ANTIMONY	6	IGW SSL	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	CrSCC	827	760	756	64.3	20.2	23.6	12	16.7	281	3910	1830	20.1	1590	8.4	31.2
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																	
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																	
OXIDATION REDUCTION POTENTIAL	NC	NA	429	433	436	451	449	390	355	349	361	320	312	340	267	329	325
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																	
PH	NC	NA	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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CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)  
\* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE GROUNDWATER TABLE  
**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**  
NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

**Table 5**  
**Positive Hits Table for Soil Samples**  
**Initial Investigation**  
**Minimum Soil Remediation Standard/Screening Level**

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	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
TOP DEPTH			0.5	3.5	7.5	11.5	15	20	23.3	27.5
<b>METALS (MG/KG)</b>										
ANTIMONY	6	IGW SSL	0.99 UJ	1 UJ	1 UJ	1.1 UJ	1.2 UJ	2.1 UJ	1 UJ	0.97 UJ
CHROMIUM	120000	CrSCC	116 J	64.5 J	8.6 J	9.3 J	19.8 J	36.4 J	12.6 J	6.5 J
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	351	21.9	9.4	10.4	17.9	30.7	11.3	10 J
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	36.1	25.3	9.4 J	12.7	20.5	46.1	22.7	7.2 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	20	CrSCC	0.6 UJ	0.6 UJ	0.6 UJ	0.62 UJ	0.7 UJ	1.2 UJ	0.56 UJ	0.61 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	NA	340	369	367	388	375	393	379	455
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	NA	9.63	8.19	8.48	8.53	8.48	7.23	7.54	8.83

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**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
TOP DEPTH			0.4	2.2	2.7	5	11.3	15.5	20	23.3	0.4	5	5	10	20	25
<b>METALS (MG/KG)</b>																
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																
OXIDATION REDUCTION POTENTIAL	NC	NA	397	433	413	385	406	374	371	424	404	435	442	434	413	420
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																
PH	NC	NA	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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 GROUNDWATER TABLE  
 EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION  
 STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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	
SAMPLE ID													
SAMPLE DATE													
TOP DEPTH			0.5	2.4	2.9	3.4	7.5	12.2	16	20	25	25	
<b>METALS (MG/KG)</b>													
ANTIMONY	6	IGW SSL	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	CrSCC	55.4	184	2390	671	12.9	6.7	27	21.1	11.6	11	
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	534	30.4	312	26	7.8 J	7.7 J	24.2	16.5	14.8	13.4	
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	40.4	45.7	265	50.7	6.9 J	8.9 J	30.7	23.9	15.3	13.8	
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>													
HEXAVALENT CHROMIUM	20	CrSCC	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	
<b>MISCELLANEOUS PARAMETERS (MV)</b>													
OXIDATION REDUCTION POTENTIAL	NC	NA	436	442	422	430	438	435	406	448	446	414	
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>													
PH	NC	NA	9.57	8.7	8.88	8.66	8.41	8.38	8.28	7.85	8.48	8.4	

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EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	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
SAMPLE ID										
SAMPLE DATE										
TOP DEPTH			0.6	1.1	1.6	2.2	2.7	3.2	8	25
<b>METALS (MG/KG)</b>										
ANTIMONY	6	IGW SSL	0.91 UJ	0.92 UJ	0.96 UJ	0.97 UJ	5 J	1 UJ	1 UJ	1 UJ
CHROMIUM	120000	CrSCC	48.3	42.8	525	155	4440	709	12.1	10.6
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	4.6 J	6.5 J	81.4	16.4	390	54.2	8.3 J	12.9
THALLIUM	3* / 5	IGW SSL* / RDC SRS	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
VANADIUM	78	RDC SRS	15.1	24.1	68.2	30.7	379	48.8	7.2 J	13.7
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>										
HEXAVALENT CHROMIUM	20	CrSCC	1.4 J	1.1 J	1.8 J	0.57 UJ	18.9 J	17.5 J	0.59 UJ	0.57 UJ
<b>MISCELLANEOUS PARAMETERS (MV)</b>										
OXIDATION REDUCTION POTENTIAL	NC	NA	433	438	420	396	303	341	403	428
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>										
PH	NC	NA	9.21	8.88	9.1	9.49	11	10.3	8.56	7

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**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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	
SAMPLE ID													
SAMPLE DATE													
TOP DEPTH			0.5	2.2	2.7	3.3	6.5	6.5	12.2	16	20	25	
<b>METALS (MG/KG)</b>													
ANTIMONY	6	IGW SSL	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	CrSCC	38.8	71.5	2660	168	206	166	6.2	23.9	9.4	22.7	
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	4.2 J	8.6	342	14.2	7.9 J	7 J	7.4 J	21.9	11.9	19.9	
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	14	24.1	417	18.8	6.5 J	6.8 J	7.1 J	26.7	12.4	24.1	
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>													
HEXAVALENT CHROMIUM	20	CrSCC	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	
<b>MISCELLANEOUS PARAMETERS (MV)</b>													
OXIDATION REDUCTION POTENTIAL	NC	NA	423	404	355	371	416	415	431	425	460	433	
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>													
PH	NC	NA	9.13	9.26	10.1	9.8	8.78	8.83	8.25	8.12	6.98	8.08	

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GROUNDWATER TABLE

EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION

STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
SAMPLE ID											
SAMPLE DATE											
TOP DEPTH			0.6	2.3	2.8	3.1	7	12	12	20	25
<b>METALS (MG/KG)</b>											
ANTIMONY	6	IGW SSL	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	CrSCC	28.8	50.7	3220	1130	6.9	6.7	7	9.6	8.7
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	7.6 J	4.5 J	279	24.5	7.8 J	7.9 J	7.8 J	8.2 J	10.6
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	19.2	14.1	342	63.8	7.3 J	7.6 J	7.6 J	12 J	10.2 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>											
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>											
OXIDATION REDUCTION POTENTIAL	NC	NA	466	418	401	422	436	440	440	447	519
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>											
PH	NC	NA	8.78	9.29	9.52	9.06	8.67	8.36	8.31	7.73	6.99

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IGW SSL = IMPACT TO GROUNDWATER SOIL SCREENING LEVEL  
 RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD  
 CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)

\* = IGW WILL BE USED AS A MINIMUM SCREENING LEVEL ABOVE THE  
 GROUNDWATER TABLE

EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION  
 STANDARD/SCREENING LEVEL

Table 5  
Positive Hits Table for Soil Samples  
Initial Investigation  
Minimum Soil Remediation Standard/Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
<b>METALS (MG/KG)</b>													
ANTIMONY	6	IGW SSL	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	CrSCC	155	260	8.5	6.2	19	10.8	17	8.4	2290	52.2	139
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	18	9.1	7.5 J	6.8 J	13.6	11.2	14.4	11.7 J	381	10.6	10.6
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>													
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>													
OXIDATION REDUCTION POTENTIAL	NC	NA	371	395	440	430	406	401	414	439	409	406	425
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>													
PH	NC	NA	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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IGW SSL = IMPACT TO GROUNDWATER SOIL SCREENING LEVEL  
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CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)

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EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

**Table 5**  
**Positive Hits Table for Soil Samples**  
**Initial Investigation**  
**Minimum Soil Remediation Standard/Screening Level**

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/ SCREENING LEVEL	SOURCE	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
SAMPLE ID			1	1.8	6.8	10.8	15	20	25	0.6	3.4	7.5	10.7	15	20	25
SAMPLE DATE																
TOP DEPTH																
<b>METALS (MG/KG)</b>																
ANTIMONY	6	IGW SSL	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	CrSCC	114	147	5.8	7.8	22	21.3	4	180	869	10.7	13.8	23.1	32.1	6.9
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																
OXIDATION REDUCTION POTENTIAL	NC	NA	--	192	265	270	282	307	304	--	295	301	300	346	374	314
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																
PH	NC	NA	--	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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EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL  
NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

**Table 5**  
**Positive Hits Table for Soil Samples**  
**Initial Investigation**  
**Minimum Soil Remediation Standard/Screening Level**

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

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	016_I006a						016_I009					
			016_I006a_0.7 20110705	016_I006a_2.9 20110706	016_I006a_7.7 20110706	016_I006a_11.5 20110706	016_I006a_15.5 20110706	016_I006a_20.0 20110706	016_I009_0.0 20110809	016_I009_5.0 20110809	016_I009_11.5 20110809	016_I009_15.5 20110809	016_I009_20.0 20110809	016_I009_25.0 20110809
TOP DEPTH			0.7	2.9	7.7	11.5	15.5	20	0	5	11.5	15.5	20	25
<b>METALS (MG/KG)</b>														
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	143	10.2	9.5	26	23.2	15.7	14.6	6.2 J	11.5	20.4	26.3	15.1
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>														
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>														
OXIDATION REDUCTION POTENTIAL	NC	NA	--	336	330	328	333	355	250	382	381	372	390	370
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>														
PH	NC	NA	--	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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NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	016_I011								016_I012								
			016_I011_0.5	016_I011_2.8	016_I011_3.3	016_I011_3.5	016_I011_7.5	016_I011_11.5	016_I011_20.0	016_I011_25.0	016_I012_0.4	016_I012_2.0	016_I012_2.5	016_I012_3.0	016_I012_7.0	016_I012_12.3	016_I012_12.3-D	016_I012_20.0	016_I012_25.0
SAMPLE ID			20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110824	20110824	20110825	20110824	20110824	20110825	20110825	20110825	20110825
TOP DEPTH			0.5	2.8	3.3	3.5	7.5	11.5	20	25	0.4	2	2.5	3	7	12.3	12.3	20	25
<b>METALS (MG/KG)</b>																			
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																			
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																			
OXIDATION REDUCTION POTENTIAL	NC	NA	401	377	322	337	398	403	405	398	396	409	271	300	398	397	403	388	449
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																			
PH	NC	NA	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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Table 5  
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 Initial Investigation  
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Site 16 Remedial Investigation Report  
 PPG Industries, Inc.  
 Jersey City, New Jersey

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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
TOP DEPTH			0.7	1.2	1.7	2.2	2.7	3.1	3.7	7.5	7.5	11.9
<b>METALS (MG/KG)</b>												
ANTIMONY	6	IGW SSL	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	CrSCC	93.7	954	2860	1700	44	7090	1000	7.6	8	8.9
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	30.4	70.2	182	130	21.2	626	39.2	7.1 J	8 J	8.3 J
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	70	103	290	214	25.5	889	52	7.4 J	8.1 J	8.7 J
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>												
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>												
OXIDATION REDUCTION POTENTIAL	NC	NA	423	431	381	358	217	278	325	398	401	412
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>												
PH	NC	NA	9.17	8.76	9.52	10.3	12.6	11.6	10.4	8.8	8.89	8.46

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 Minimum Soil Remediation Standard/Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	016_I014										
			016_I014_0.5 20110825	016_I014_1.5 20110825	016_I014_2.0 20110825	016_I014_2.5 20110825	016_I014_5.0 20110825	016_I014_5.0-D 20110825	016_I014_7.8 20110825	016_I014_10.9_11.4 20110825	016_I014_15.0 20110825	016_I014_20.0 20110825	016_I014_25.0 20110825
<b>METALS (MG/KG)</b>													
ANTIMONY	6	IGW SSL	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	CrSCC	289	471	2860	249	302	280	8.5	7.4	13.3	20.9	10.2
NICKEL	650 * / 1600	IGW SSL* / RDC SRS	23.9	31.9	110	15.8	9.9	9.1	7.9 J	7.1 J	11	18.5	9.6
THALLIUM	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>													
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>													
OXIDATION REDUCTION POTENTIAL	NC	NA	408	382	331	358	404	422	448	400	411	414	500
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>													
PH	NC	NA	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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Site 16 Remedial Investigation Report  
 PPG Industries, Inc.  
 Jersey City, New Jersey

LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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
TOP DEPTH			0.7	0.9	5	7.4	11.5	20	20	25	0	2.2	2.7	5	5.9	10	15	20
<b>METALS (MG/KG)</b>																		
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																		
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																		
OXIDATION REDUCTION POTENTIAL	NC	NA	348	425	444	437	436	415	412	413	385	294	297	279	288	356	318	343
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																		
PH	NC	NA	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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**EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL**  
 NON-DETECTION EXCEEDS MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL

Table 5  
 Positive Hits Table for Soil Samples  
 Initial Investigation  
 Minimum Soil Remediation Standard/Screening Level

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

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
<b>METALS (MG/KG)</b>																	
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																	
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																	
OXIDATION REDUCTION POTENTIAL	NC	NA	387	403	134	422	478	369	337	342	169	290	368	361	332	356	401
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																	
PH	NC	NA	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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LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH	MINIMUM SOIL REMEDIAION STANDARD/ SCREENING LEVEL	SOURCE	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
<b>METALS (MG/KG)</b>																	
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																	
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																	
OXIDATION REDUCTION POTENTIAL	NC	NA	346	213	327	355	349	349	275	334	382	317	372	384	365	336	347
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																	
PH	NC	NA	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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LOCATION	MINIMUM SOIL REMEDIATION STANDARD/SCREENING LEVEL	SOURCE	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
SAMPLE ID			0	5	10.7	15	20	25	0	1.6	2.1	2.6	5	5	10	16	20	25
SAMPLE DATE																		
TOP DEPTH																		
<b>METALS (MG/KG)</b>																		
ANTIMONY	6	IGW SSL	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	CrSCC	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	650 * / 1600	IGW SSL* / RDC SRS	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	3* / 5	IGW SSL* / RDC SRS	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	RDC SRS	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
<b>MISCELLANEOUS PARAMETERS (MG/KG)</b>																		
HEXAVALENT CHROMIUM	20	CrSCC	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
<b>MISCELLANEOUS PARAMETERS (MV)</b>																		
OXIDATION REDUCTION POTENTIAL	NC	NA	382	274	324	218	287	316	316	248	305	343	305	309	362	337	343	343
<b>MISCELLANEOUS PARAMETERS (S.U.)</b>																		
PH	NC	NA	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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