Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		114-MW20A		114-MW20A		114-MW21B		114-MW21B		114-MW21B		114-MW21B		114-MW21B		114-MW22B		114-MW23B		132-B1		132-B1	
				Depth interval		0.5 - 1 ft		4.5 - 5 ft		0.6 - 1 ft		0.6 - 1 ft		2.7 - 3.1 ft		2.7 - 3.1 ft		5 - 6 ft		5 - 5.5 ft		2 - 2.5 ft		0 - 0.7 ft		1 - 1.9 ft	
				Sample ID		PPG-114-20AA(0.5-1.0)		PPG-114-20AB(4.5-5.0)		114-21BA (0.6-1.0)		114-21BA (0.6-1.0)		114-21BB (2.7-3.1)		114-21BB (2.7-3.1)		114-MW21BC(5-6)		PPG-114-MW22BA(5.0-5.5		PPG-114-23BA (2-2.5)		132B1A_0.0-0.7		132B1B_1.0-1.9	
				Lab ID		J36493-3		J36493-4		J35320-5		J35320-5A		J35320-6		J35320-6A		J43005-1		J46994-1		794770		803864		803865	
				Date collected		7/24/2006 9:30:00 AM		7/24/2006 10:00:00 AM		7/11/2006 2:40:00 PM		7/11/2006 2:40:00 PM		7/11/2006 3:30:00 PM		7/11/2006 3:30:00 PM		10/5/2006 9:00:00 AM		11/20/2006 10:35:00 AM		12/19/2006 2:15:00 PM		1/30/2007 9:50:00 AM		1/30/2007 10:00:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		7.7		7.7		6.4		6.4		6.4		6.4		6.4		5.6		4.9		8.1		8.1	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units		R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg		**9050**		**8300**				**10700**	**J**					**5060**	**J**	**20700**		**5420**	**J**	**15200**		**6280**		**5850**	
ANTIMONY	7440-36-0	**6**	mg/kg		< 2.2	UJ	**8.7**	**J**			**6.6**	**J**					< 2.6	UJ	**7.8**	**J**	< 2.3	UJ	< 1.4	UJ	< 1.3	UJ	< 1.1	UJ
ARSENIC	7440-38-2	**19**	mg/kg		5.8		15.5				**24.9**	**J**					**60.7**	**J**	**29.3**	**J**	5.0	J	< 1.2	U	5.2		3.2	
BARIUM	7440-39-3	**1300**	mg/kg		92.0		673				112	J					183	J	122	J	31.5		15.7		150	J	36.8	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg		**0.56**		**0.87**				< 0.63	UJ					< 0.65	UJ	< 0.44	UJ	< 0.58	U	0.07		0.44		**0.56**	
CADMIUM	7440-43-9	**1**	mg/kg		**1.3**		**2.6**				0.92	J					0.68	J	**2.0**	**J**	0.83		< 0.14	U	0.94		0.17	
CALCIUM METAL	7440-70-2		mg/kg		36500		9180				31100						4510		129000		1340	J	34900		2450		1310	
CHROMIUM	7440-47-3		mg/kg		276	J	19.8	J			2380						1110		7630		11.1	J	2830		67.4	J	14.3	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg						39.7	J			12.0	J					850	J	< 1.2	UJ	46.8		< 2.75	UJ	< 2.21	UJ
COBALT	7440-48-4	**59**	mg/kg		10.1		8.8				39.7	J					52.5	J	**83.7**	**J**	< 5.8	U	**165**		5.4		5	
COPPER	7440-50-8	**7300**	mg/kg		246		373				141						595		135	J	18.2		22.8		61.3	J	12.6	J
CYANIDE	57-12-5	**13**	mg/kg																									
IRON	7439-89-6		mg/kg		18500	J	28400	J			31600						34500		40200	J	22400	J	89800		13500		12000	
IRON (FERROUS)	15438-31-0		mg/kg																									
LEAD	7439-92-1	**59**	mg/kg		**200**		**1900**				**285**	**J**					**626**	**J**	**166**	**J**	**185**		22.9		**274**	**J**	**59.4**	**J**
MAGNESIUM	7439-95-4		mg/kg		19100		1130				6840						2670		27500		1510	J	57000		1640	J	2490	J
MANGANESE	7439-96-5	**42**	mg/kg		**436**	**J**	**336**	**J**			**282**						**200**		**711**		**466**	**J**	**491**	**J**	**213**	**J**	**168**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg		**0.18**		**0.34**				**0.41**	**J**					**0.44**	**J**	**0.15**		**0.20**		< 0.023	UJ	**0.65**		**0.85**	
MOLYBDENUM	7439-98-7		mg/kg																									
NICKEL	7440-02-0	**31**	mg/kg		28.2		18.7				**93.3**	**J**					**104**	**J**	**357**		6.6		**675**		16.4		9.3	
POTASSIUM	7440-09-7		mg/kg		1520		1540				955	J					662	J	< 440	UJ	< 580	UJ	< 35.9	UJ	852		677	J
SELENIUM	7782-49-2	**7**	mg/kg		< 2.2	U	< 2.9	U			< 2.5	UJ					3.1	J	< 1.8	UJ	< 2.3	UJ	< 1.3	U	< 1.3	UJ	< 1.1	UJ
SILVER	7440-22-4	**1**	mg/kg		< 1.1	U	< 1.5	U			< 1.3	U					< 1.3	U	< 0.88	UJ	< 1.2	U	< 0.33	U	0.34		< 0.27	U
SODIUM	7440-23-5		mg/kg		1140		< 1500	U			861	J					< 650	UJ	< 880	UJ	< 1200	UJ	850		129		< 80	U
THALLIUM	7440-28-0	**3**	mg/kg		< 1.1	U	< 1.5	U			< 1.3	UJ					< 1.3	UJ	< 2.6	UJ	< 1.2	U	< 1.3	U	< 1.3	U	< 1.1	U
VANADIUM	7440-62-2		mg/kg		71.6		27.8				165						309		236	J	17.8	J	744		25.3		19.5	
ZINC	7440-66-6	**600**	mg/kg		245		**1710**				460	J					**1090**	**J**	377	J	532	J	295		253	J	63.9	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		132-B1		132-B10		132-B10		132-B10		132-B2		132-B2		132-B2		132-B2		132-B2		132-B3		132-B3	
				Depth interval		4.4 - 4.8 ft		0.9 - 1.2 ft		2.4 - 2.8 ft		5 - 5.4 ft		0 - 0.8 ft		0 - 0.8 ft		4.4 - 4.9 ft		5 - 5.5 ft		6 - 6.5 ft		0 - 0.6 ft		0.6 - 0.95 ft	
				Sample ID		132B1E (4.4-4.8)		132B10A (0.9-1.2)		132B10B (2.4-2.8)		132B10E_5.0-5.4		132B2A_0.0-0.8		132B2AD_0.0-0.8		132B2B_4.4-4.9		132B2C_5.0-5.5		132B2E_6.0-6.5		132B3A (0.0-0.6)		132B3B (0.6-0.95)	
				Lab ID		804219		803630		803631		803854		803855		803856		803857		803859		803870		804237		804238	
				Date collected		1/31/2007 8:43:00 AM		1/29/2007		1/29/2007		1/30/2007 9:04:00 AM		1/30/2007 8:55:00 AM		1/30/2007 8:57:00 AM		1/30/2007 9:25:00 AM		1/30/2007 9:30:00 AM		1/30/2007 1:09:00 PM		1/31/2007 9:00:00 AM		1/31/2007 9:03:00 AM	
				Sample Type		N		N		N		N		N		FD		N		N		N		N		N	
				Depth to Groundwater		8.1		5.2		5.2		5.2		7.5		7.5		7.5		7.5		7.5		7.1		7.1	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**6430**		**12800**		**8850**		**6740**		**4460**		**5030**		**5910**		**6340**		**6930**		**6140**		**6060**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.4	UJ	< 1.3	UJ	2.4	J	< 1.4	UJ	< 1.2	UJ	< 1.2	UJ	< 1.5	UJ	< 1.3	UJ	< 1.4	UJ	1.9	J	2.8	J
ARSENIC	7440-38-2	**19**	mg/kg	3.8	J	< 0.7	U	7.5		6.6		3.9		2.8		7.5		2		10.6		11.4		16.6			
BARIUM	7440-39-3	**1300**	mg/kg	41.7	J	57		277		701	J	133	J	127	J	664	J	53.6	J	86.7	J	357	J	663	J		
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.33	BJ	0.24	B	0.36	B	0.34		0.34		0.4		0.43		0.41		0.43		0.4	BJ	**0.76**	**BJ**		
CADMIUM	7440-43-9	**1**	mg/kg	< 0.099	UJ	< 0.088	UJ	**5.1**	**J**	**1.2**		0.66		0.29		0.47		< 0.13	U	0.75		**2.8**	**J**	**2.1**	**J**		
CALCIUM METAL	7440-70-2		mg/kg	1440	J	10300	J	23200	J	5740		2220		1780		2070		932		3620		4260	J	8400	J		
CHROMIUM	7440-47-3		mg/kg	11.3		58.9		1280		715	J	64	J	36.7	J	17	J	10.1	J	14	J	111		194			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 2.46	UJ	2.8	J	2.6	J	39.8	J	5.6	J	2.5	J	< 3.08	UJ	< 2.56	UJ	< 2.79	UJ	< 2.55	UJ	5.1	J		
COBALT	7440-48-4	**59**	mg/kg	4.3		20		21.6		3.9		4.5		3.8		5.3		5		4.6		6.9		10			
COPPER	7440-50-8	**7300**	mg/kg	18.7	J	71.7	J	170	J	51.4	J	43	J	23.5	J	50.8		10.1	J	42.5	J	173	J	1890	J		
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	14800		27600	J	57600	J	18600		10500		9660		13800		11700		13500		27400		22100			
IRON (FERROUS)	15438-31-0		mg/kg													< 0.1	U										
LEAD	7439-92-1	**59**	mg/kg	**69.2**	**J**	16.5	J	**636**	**J**	**586**	**J**	**146**	**J**	**66.4**	**J**	**3500**	**J**	39.5	J	**307**	**J**	**766**	**J**	**969**	**J**		
MAGNESIUM	7439-95-4		mg/kg	1650		14000	J	6230	J	1660	J	1250	J	1050	J	2020	J	1820	J	1630	J	1540		2130			
MANGANESE	7439-96-5	**42**	mg/kg	**305**	**J**	**551**		**412**		**155**	**J**	**140**	**J**	**93.6**	**J**	**149**	**J**	**109**	**J**	**132**	**J**	**325**	**J**	**193**	**J**		
MERCURY	7439-97-6	**0.1**	mg/kg	**0.11**	**J**	0.07	J	**0.92**	**J**	**0.84**		**0.29**		**0.13**		**0.3**		0.06		**0.91**		**4.5**	**J**	**0.72**	**J**		
MOLYBDENUM	7439-98-7		mg/kg					2.8																			
NICKEL	7440-02-0	**31**	mg/kg	9.9		**35.4**	**J**	**103**	**J**	**39.2**		14		10.1		13.2		8.3		15.6		**31.5**		**33.4**			
POTASSIUM	7440-09-7		mg/kg	503		< 69.4	UJ	449	J	509	J	808	J	683	J	741	J	528		532	J	556		590			
SELENIUM	7782-49-2	**7**	mg/kg	< 1	U	< 0.92	U	< 0.97	U	1.8	J	< 1.2	UJ	< 1.2	UJ	< 1.5	UJ	< 1.2	UJ	2.9	J	1.2		3.3			
SILVER	7440-22-4	**1**	mg/kg	< 0.34	UJ	< 0.31	U	**1.4**		0.45		< 0.29	U	< 0.29	U	< 0.37	U	< 0.31	U	< 0.34	U	0.61	J	0.73	J		
SODIUM	7440-23-5		mg/kg	192	B	235	B	276	B	261		95.1		< 86.7	U	233		< 92.3	U	173		233	B	342	BJ		
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 1	U	< 1.1	U	< 1.3	U	< 1.2	U	< 1.2	U	< 1.5	U	< 1.2	U	< 1.3	U	< 1.2	U	< 1.1	U		
VANADIUM	7440-62-2		mg/kg	19		57.2	J	136	J	30		18.9		19.1		22.9		15.2		19.4		37.4		51.3			
ZINC	7440-66-6	**600**	mg/kg	270	J	61.6	J	**937**	**J**	572	J	149	J	76	J	308	J	60.6	J	532	J	**616**	**J**	**1060**	**J**		

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Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	132-B3		132-B3		132-B3		132-B3		132-B3		132-B3		132-B3		132-B4		132-B4		132-B4		132-B5	
			Depth interval	0.95 - 1.6 ft		1.6 - 2.1 ft		2.1 - 2.5 ft		3.6 - 3.85 ft		4 - 4.5 ft		5.3 - 6.2 ft		5.3 - 6.2 ft		0.7 - 1.1 ft		1.9 - 1.9 ft		5.1 - 5.5 ft		0.7 - 1.2 ft	
			Sample ID	132B3C (0.95-1.6)		132B3D (1.6-2.1)		132B3E (2.1-2.5)		132B3F (3.6-3.85)		132B3G_4.0-4.5		132B3H_5.3-6.2		132B3HD_5.3-6.2		132B4A (0.7-1.1)		132B4B (1.9-2.4)		132B4C (5.1-5.5)		132B5A (0.7-1.2)	
			Lab ID	804239		804240		804241		804242		806753		806754		806755		804678		804679		804680		804220	
			Date collected	1/31/2007 9:07:00 AM		1/31/2007 9:15:00 AM		1/31/2007 9:17:00 AM		1/31/2007 9:23:00 AM		2/9/2007 9:15:00 AM		2/9/2007 9:22:00 AM		2/9/2007 9:22:00 AM		2/1/2007 12:12:00 PM		2/1/2007 12:27:00 PM		2/1/2007 12:32:00 PM		1/31/2007 8:03:00 AM	
			Sample Type	N		N		N		N		N		N		FD		N		N		N		N	
			Depth to Groundwater	7.1		7.1		7.1		7.1		7.1		7.1		7.1		6.9		6.9		6.9		5.8	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**4990**		**3970**		3610		3280		**4940**		**5830**		**4820**		790	J	**5070**	**J**	**6220**	**J**	**5470**	
ANTIMONY	7440-36-0	**6**	mg/kg	2.3	J	< 1.5	UJ	< 1.3	UJ	< 1.7	UJ	3.9	J	< 1.6	UJ	< 1.8	UJ	< 1.1	UJ	2.4	J	< 1.2	UJ	< 1.4	UJ
ARSENIC	7440-38-2	**19**	mg/kg	16.8		12.4		3.9	J	10.9		13.4		9.1		12.4		4	J	12.2		2.5	J	7.8	J
BARIUM	7440-39-3	**1300**	mg/kg	420	J	237	J	66.8	J	191	J	327		153		163		3.4	J	211		107		452	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.42	BJ	0.31	BJ	0.29	BJ	0.38	BJ	0.28	J	0.41	J	**0.68**	**J**	< 0.023	UJ	0.32	J	0.36	J	0.44	BJ
CADMIUM	7440-43-9	**1**	mg/kg	0.24	J	0.11	J	< 0.093	UJ	< 0.12	UJ	0.41		< 0.11	U	< 0.12	U	< 0.12	UJ	0.97	J	< 0.12	UJ	**2.7**	**J**
CALCIUM METAL	7440-70-2		mg/kg	5320	J	2960	J	2120	J	3590	J	11100	J	8820	J	30200	J	583		4790		1480		4620	J
CHROMIUM	7440-47-3		mg/kg	14.1		150		39.8		11.8		47.4		13.2		13.6		2.1	J	53.3	J	10.8	J	260	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 2.82	UJ	4.6	J	< 2.32	UJ	< 2.92	UJ	< 2.71	UJ	< 2.84	UJ	< 3.02	UJ	< 2.31	UJ	< 2.57	UJ	< 2.41	UJ	3.7	J
COBALT	7440-48-4	**59**	mg/kg	6.9		5.7		4.1		5		7.7		5.5		5.6		13.4		6.4		3.9		7.5	
COPPER	7440-50-8	**7300**	mg/kg	579	J	141	J	44	J	38	J	80.5	J	48.1	J	86.9	J	0.96	J	128	J	11.8	J	163	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	16100		21000		12500		42300		17100	J	12000	J	22800	J	4310		18300		9650		17300	
IRON (FERROUS)	15438-31-0		mg/kg																					24.2	
LEAD	7439-92-1	**59**	mg/kg	**1240**	**J**	**595**	**J**	**125**	**J**	**373**	**J**	**990**	**J**	**226**	**J**	**285**	**J**	3.1	J	**441**	**J**	35	J	**577**	**J**
MAGNESIUM	7439-95-4		mg/kg	420		884		1300		623		1240		1220		2010		40.2	J	897	J	1280	J	1750	
MANGANESE	7439-96-5	**42**	mg/kg	**173**	**J**	**190**	**J**	**183**	**J**	**139**	**J**	**321**	**J**	**221**	**J**	**1630**	**J**	6.4		**316**		**127**		**213**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**0.65**	**J**	**1.8**	**J**	**0.19**	**J**	**0.63**	**J**	**1.8**		**0.65**		**0.77**		< 0.019	U	**1**		**0.16**		**1.4**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	18.8		19.8		12.2		12.4		20.2		13		11.8		< 0.9	U	21.5		8.5		**36.2**	
POTASSIUM	7440-09-7		mg/kg	527		365		500		354		812	J	982		842	J	40.9	J	803	J	707	J	596	
SELENIUM	7782-49-2	**7**	mg/kg	3.4		2.1		< 0.97	U	2		2		< 1.2	U	1.8		< 1.1	U	1.7		< 1.2	U	< 1	U
SILVER	7440-22-4	**1**	mg/kg	< 0.39	U	0.54	J	< 0.32	UJ	< 0.41	UJ	< 0.38	U	< 0.4	U	< 0.42	U	< 0.28	UJ	< 0.31	UJ	< 0.29	UJ	0.82	J
SODIUM	7440-23-5		mg/kg	421	BJ	283	B	214	B	303	B	516	BJ	1090	BJ	495	BJ	< 83.5	U	335		87.8		349	BJ
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U	< 1.2	U	< 1.1	U	< 1.4	U	< 1.3	U	< 1.3	U	< 1.4	U	< 1.1	UJ	< 1.2	UJ	< 1.2	UJ	< 1.1	U
VANADIUM	7440-62-2		mg/kg	23.1		18.2		16.8		16.5		22.3		25.2		26.3		11.6		31.3		16		34.9	
ZINC	7440-66-6	**600**	mg/kg	538	J	565	J	230	J	277	J	439		98.2		91.4		3.1	BF	**5520**	**J**	87	J	569	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	132-B5		132-B6		132-B6		132-B6		132-B6		132-B6		132-B7		132-B7		132-B7		132-B7		132-B8	
			Depth interval	3.8 - 4.4 ft		1 - 1.4 ft		1.8 - 2.3 ft		2.5 - 2.9 ft		4.5 - 5.2 ft		4.5 - 5.2 ft		0.6 - 1 ft		3 - 3.6 ft		3 - 3.6 ft		4.5 - 5 ft		0.5 - 1 ft	
			Sample ID	132B5B (3.8-4.4)		132B6A (1.0-1.4)		132B6B (1.8-2.3)		132B6C (2.5-2.9)		132B6D (4.5-5.2)		132B6DD (4.5-5.2)		132B7A (0.6-1.0)		132B7B (3.0-3.6)		132B7BD (3.0-3.6)		132B7C (4.5-5.0)		132B8A (0.5-1.0)	
			Lab ID	804221		804688		804689		804690		804691		804692		804672		804673		804674		804675		803624	
			Date collected	1/31/2007 9:08:00 AM		2/1/2007 3:06:00 PM		2/1/2007 3:09:00 PM		2/1/2007 3:31:00 PM		2/1/2007 3:22:00 PM		2/1/2007 3:25:00 PM		2/1/2007 9:57:00 AM		2/1/2007 10:00:00 AM		2/1/2007 10:03:00 AM		2/1/2007 10:21:00 AM		1/29/2007	
			Sample Type	N		N		N		N		N		FD		N		N		FD		N		N	
			Depth to Groundwater	5.8		5.5		5.5		5.5		5.5		5.5		5.3		5.3		5.3		5.3		5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**4570**		1480	J	**5750**	**J**	**6520**	**J**	**7990**	**J**	**7650**	**J**	818	J	**5310**	**J**	**7280**	**J**	**4190**	**J**	**20100**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.8	UJ	< 1.1	UJ	2.9	J	1.1	J	< 1.2	UJ	< 1.2	UJ	< 1.3	UJ	4.1	J	3.3	J	< 1.4	UJ	< 1.5	UJ
ARSENIC	7440-38-2	**19**	mg/kg	**19.6**		7.7	J	12.9		3.5	J	4	J	4		6.6		**19.2**		**22.6**		6.3		< 0.82	UJ
BARIUM	7440-39-3	**1300**	mg/kg	727	J	14.6		365		203		49.6		47.3		6.4		471		502		52		24.4	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.43	BJ	0.02	J	0.25	J	0.27	J	0.37	J	0.31	J	< 0.068	UJ	0.31	J	0.37	J	0.18	J	< 0.077	U
CADMIUM	7440-43-9	**1**	mg/kg	0.69	J	< 0.12	UJ	**12.3**		< 0.11	UJ	< 0.12	UJ	0.12	J	< 0.091	U	**9.3**		**9.3**		**6.3**		< 0.1	UJ
CALCIUM METAL	7440-70-2		mg/kg	6860	J	248		9470		24200		980		881		263		11200		11500		10500		24500	J
CHROMIUM	7440-47-3		mg/kg	32.9		11.7	J	125	J	11.5	J	15.1	J	14.2	J	5.8	J	174	J	314	J	50.9	J	952	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 3.06	UJ	< 2.33	UJ	< 2.28	UJ	< 2.24	UJ	< 2.45	UJ	< 2.47	UJ	< 2.27	U	< 2.36	UJ	< 2.33	UJ	< 2.35	UJ	4	J
COBALT	7440-48-4	**59**	mg/kg	13.1		0.82		8.6		3.8		4.9		4.3		13.5		9.4		13.5		10.3		**97.4**	
COPPER	7440-50-8	**7300**	mg/kg	194	J	29.3	J	202	J	56.9	J	13.2		12.2		3.2	J	1210	J	209	J	45.4	J	28.7	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	92000		6300		50600		9070		13500		11300		5670		50500		38100		91300		60900	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**3000**	**J**	35.1	J	**1100**	**J**	28.8	J	**70**	**J**	**63**	**J**	8.2	J	**1040**	**J**	**1020**	**J**	38.6	J	24.5	J
MAGNESIUM	7439-95-4		mg/kg	472		109	J	2530	J	2090	J	2310	J	2160	J	53.3		2170	J	3040	J	401	J	29000	J
MANGANESE	7439-96-5	**42**	mg/kg	**535**	**J**	28.8		**770**		**2780**		**255**		**232**		11.3		**348**		**305**		**502**		**195**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.69**	**J**	**0.11**		**96.9**		**7.5**		**0.22**		**0.21**		< 0.019	U	**7.5**		**7.7**		0.09		0.04	J
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**37**		0.99		**79**		10.1		8.3		7.5		1.8		**124**		**124**		**44.6**		**397**	**J**
POTASSIUM	7440-09-7		mg/kg	694		75	J	765	J	748	J	696	J	688	J	< 71.5	U	584		639		273		131	J
SELENIUM	7782-49-2	**7**	mg/kg	2		< 1.1	U	3.7		< 1.1	U	1.2		< 1.2	UJ	< 0.95	U	1.4	B	< 0.98	U	< 0.99	U	< 1.1	U
SILVER	7440-22-4	**1**	mg/kg	< 0.43	UJ	< 0.28	UJ	< 0.27	UJ	< 0.27	UJ	< 0.29	UJ	< 0.3	UJ	< 0.32	U	0.69		0.66		< 0.33	U	< 0.36	U
SODIUM	7440-23-5		mg/kg	691	BJ	< 84.2	U	199		516		342		351		109	B	285	B	298	B	213	B	906	BJ
THALLIUM	7440-28-0	**3**	mg/kg	< 1.4	U	< 1.1	UJ	< 1.1	UJ	< 1.1	UJ	< 1.2	UJ	< 1.2	UJ	< 1.1	U	< 1.1	U	< 1.1	U	< 1.1	U	< 1.2	U
VANADIUM	7440-62-2		mg/kg	42.7		16.3		45.1		13.3		24.5		21.4		14.2		41		67.6		13.8		356	J
ZINC	7440-66-6	**600**	mg/kg	**868**	**J**	18.1	JF	**1220**	**J**	156	J	107	J	99.1	J	7.8	BF	**1120**	**J**	**1080**	**J**	69.8	J	270	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	132-B8		132-B9		132-B9		132-B9		132-B9		132-MW1B		132-MW1B		132-MW1B		132-MW2C		132-MW2C		132-MW2C	
			Depth interval	4.5 - 5 ft		0.6 - 1 ft		2.8 - 3.2 ft		2.8 - 3.2 ft		5 - 5.5 ft		0 - 0.8 ft		2 - 2.5 ft		2 - 2.5 ft		0.5 - 1 ft		2 - 2.5 ft		3.1 - 3.5 ft	
			Sample ID	132B8B (4.5-5.0)		132B9A (0.6-1.0)		132B9B (2.8-3.2)		132B9BD (2.8-3.2)		132B9C (5.0-5.5)		1321BA (0.0-0.8)		1321BB (2.0-2.5)		1321BD (2.0-2.5)		1322CA (0.5-1.0)		1322CB (2.0-2.5)		1322CC (3.1-3.5)	
			Lab ID	803625		803621		803622		803623		803626		803643		803644		803645		804229		804230		804231	
			Date collected	1/29/2007		1/29/2007		1/29/2007		1/29/2007		1/29/2007		1/29/2007		1/29/2007		1/29/2007		1/31/2007 10:50:00 AM		1/31/2007 11:03:00 AM		1/31/2007 11:09:00 AM	
			Sample Type	N		N		N		FD		N		N		N		FD		N		N		N	
			Depth to Groundwater	5		5.2		5.2		5.2		5.2		6.6		6.6		6.6		8.5		8.5		8.5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**27100**		**10300**		**20300**		**20600**		2930		**6770**		**4260**		**4190**		**5710**		**6230**		**7360**	
ANTIMONY	7440-36-0	**6**	mg/kg	**6.3**	**J**	1.4	J	< 1.4	UJ	< 1.4	UJ	< 1.5	UJ	2.1	J	2.7	J	2.3	J	< 1.3	UJ	< 1.4	UJ	< 1.3	UJ
ARSENIC	7440-38-2	**19**	mg/kg	14.2		4.3		< 0.8	U	< 0.8	U	2.2		7		4.3		3.7		5.2	J	8.3	J	5.5	J
BARIUM	7440-39-3	**1300**	mg/kg	56.5		218		127		63.2		18.2		169		93.9		68.9		103	J	167	J	47	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.29	B	0.16	B	< 0.075	U	0.09	B	< 0.077	U	0.25	B	0.24	B	0.27	B	0.45	BJ	**0.51**	**BJ**	**0.72**	**BJ**
CADMIUM	7440-43-9	**1**	mg/kg	< 0.17	UJ	**3.6**	**J**	**1.1**	**J**	1	J	< 0.1	UJ	**5.4**	**J**	**1.4**	**J**	0.93	J	< 0.092	UJ	0.51	J	< 0.09	UJ
CALCIUM METAL	7440-70-2		mg/kg	160000	J	19400		23700	J	22500	J	5560	J	6450	J	2380	J	2850	J	1890		2070	J	1140	J
CHROMIUM	7440-47-3		mg/kg	18600		1280		1200		1070		360		565		76.1		72.1		32.9		40.7		14.5	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	11200	J	26.8	J	5.1	J	3.1	J	19.1	J	21.9	J	6.2	J	< 2.31	UJ	< 2.29	UJ	< 2.41	UJ	< 2.24	UJ
COBALT	7440-48-4	**59**	mg/kg	**92.3**		37.3		**97.3**		**99**		3.7		14.8		3.8		3.7		4.9		6.5		5.8	
COPPER	7440-50-8	**7300**	mg/kg	89.6	J	172	J	112	J	44.8	J	31.5	J	141		87.4	J	60	J	77.3	J	125	J	15.4	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	45800	J	50700		71200	J	65000	J	21700	J	40300	J	21200	J	20700	J	17800		16000		14200	
IRON (FERROUS)	15438-31-0		mg/kg			< 0.1	U							< 0.1	U										
LEAD	7439-92-1	**59**	mg/kg	41	J	**384**	**J**	**184**	**J**	**120**	**J**	30.4	J	**431**	**J**	**280**	**J**	**646**	**J**	**349**	**J**	**452**	**J**	55	J
MAGNESIUM	7439-95-4		mg/kg	34400	J	9950		24300	J	25300	J	1250	J	2940	J	962	J	1030	J	1310		1640		2470	
MANGANESE	7439-96-5	**42**	mg/kg	**731**		**309**		**215**		**193**		**272**		**336**		**208**		**167**		**186**	**J**	**257**	**J**	**172**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**0.23**	**J**	**0.45**	**J**	**0.12**	**J**	0.07	J	**3.6**	**J**	**2.4**		**26.1**	**J**	**19.3**	**J**	**0.73**	**J**	**1.4**	**J**	**0.4**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**525**	**J**	**167**	**J**	**406**	**J**	**414**	**J**	20.8	J	**81.3**		**57.5**	**J**	**48.7**	**J**	17.4		21.2		11	
POTASSIUM	7440-09-7		mg/kg	< 131	UJ	207	J	167	J	170	J	124	J	477	J	355	J	366	J	552		622		724	
SELENIUM	7782-49-2	**7**	mg/kg	< 1.8	U	< 0.99	U	< 1	U	< 1	U	< 1.1	U	< 1	U	< 0.97	U	< 0.97	U	< 0.96	U	< 1	U	1.9	
SILVER	7440-22-4	**1**	mg/kg	< 0.58	U	< 0.33	U	< 0.35	U	< 0.35	U	< 0.36	U	< 0.34	U	< 0.32	U	< 0.32	U	< 0.32	UJ	0.37	J	< 0.31	UJ
SODIUM	7440-23-5		mg/kg	904	BJ	278	BJ	581	BJ	600	BJ	596	BJ	174	B	163	B	148	B	205	B	624	BJ	698	BJ
THALLIUM	7440-28-0	**3**	mg/kg	< 2	U	< 1.1	UJ	< 1.2	U	< 1.2	U	< 1.2	U	< 1.1	U	< 1.1	U	< 1.1	U	< 1.1	U	< 1.1	U	< 1.1	U
VANADIUM	7440-62-2		mg/kg	497	J	174	J	387	J	345	J	61.2	J	68.3		22.1	J	21.3	J	21.9		24.1		22.5	
ZINC	7440-66-6	**600**	mg/kg	218	J	**793**	**J**	**2710**	**J**	428	J	81.9	J	**627**		339	J	259		232	J	377	J	294	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		132-MW2C		132-MW2C		133-1C		133-B1		133-B1		133-B1		133-B1		133-B10		133-B10		133-B10		133-B10	
				Depth interval		5.5 - 6 ft		7.4 - 7.9 ft		2 - 3.4 ft		0.6 - 1.1 ft		1.3 - 1.8 ft		3.5 - 4 ft		4.4 - 4.9 ft		0.5 - 0.9 ft		0.9 - 1.3 ft		1.3 - 1.6 ft		1.6 - 2.5 ft	
				Sample ID		132-2CE_5.5-6.0		132-2CF_7.4-7.9		PPG_133_1CA_2.0		133 B1A (0.6-1.1)		133 B1B (1.3-1.8)		133 B1C (3.5-4.0)		133 B1D (4.4-4.9)		133-B10A_0.5-0.9		133-B10B_0.9-1.3		133-B10C_1.3-1.6		133-B10D_1.6-2.5	
				Lab ID		814826		814827		817793		J48347-4		J48347-5		J48347-6		J48347-7		821986		821987		821990		821989	
				Date collected		3/19/2007 3:10:00 PM		3/19/2007 3:20:00 PM		3/29/2007 10:20:00 AM		12/6/2006 10:20:00 AM		12/6/2006 10:25:00 AM		12/6/2006 10:46:00 AM		12/6/2006 10:57:00 AM		4/17/2007 2:50:00 PM		4/17/2007 2:55:00 PM		4/17/2007 3:10:00 PM		4/17/2007 3:20:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		8.5		8.5		3.3		5.2		5.2		5.2		5.2		4.3		4.3		4.3		4.3	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**5360**		**6900**		**6080**	J	**5760**		**27500**		**33500**		**14800**		**20100**		**25300**		**21500**		**7010**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.6	UJ	< 1.4	UJ	< 1.2	UJ	< 2.2	UJ	< 13	UJ	< 15	UJ	4.7	J	< 1.4	UJ	< 1.6	UJ	< 1.5	UJ	< 1.4	UJ
ARSENIC	7440-38-2	**19**	mg/kg	8.6		1.8		1.7	J	**27.6**		< 13	U	< 15	U	3.6		14.2		< 0.88	U	10.8		**26.7**	
BARIUM	7440-39-3	**1300**	mg/kg	130		54.5		26.8		129		< 130	U	< 150	U	101		356	J	31.6	J	49.7	J	346	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.43		0.31		0.2		< 0.55	U	< 0.66	U	< 0.77	U	< 0.85	U	**1.6**		< 0.083	U	< 0.079	U	0.39	
CADMIUM	7440-43-9	**1**	mg/kg	< 0.11	U	< 0.096	U	< 0.12	UJ	0.82		< 0.66	U	< 0.77	U	< 0.85	U	< 0.098	U	< 0.11	U	< 0.11	U	**1.5**	
CALCIUM METAL	7440-70-2		mg/kg	5620		3570		4930	J	12800		293000		243000		107000		40200	J	79600	J	129400	J	23500	J
CHROMIUM	7440-47-3		mg/kg	9.8		12.2		63	J	649		23700		22600		8110		2050		8440		12800		2000	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 2.81	U	< 2.41	U	< 2.36	UJ	12.6	J	10300	J	7930	J	5960	J	534	J	1620	J	7170	J	123	J
COBALT	7440-48-4	**59**	mg/kg	6.9		3.9		7.3		10.5		**142**		**151**		50.1		38.8		**136**		**111**		17	
COPPER	7440-50-8	**7300**	mg/kg	48.7		12.6		126	J	99.6	J	17.6	J	23.7	J	28.6	J	79.9	J	32	J	34.6	J	79.8	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	8850		11900		17100		24500		49500		58000		23600		40000		97100		69800		24000	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**227**	J	**332**	J	**59.5**	J	**284**	J	**521**	J	**64.5**	J	25.2	J	**81.3**	J	33.6	J	**71.6**	J	**591**	J
MAGNESIUM	7439-95-4		mg/kg	524	J	1490	J	3300	J	2740		31900		36700		11500		14000	J	47200	J	36800	J	3530	J
MANGANESE	7439-96-5	**42**	mg/kg	**176**		**158**		**211**	J	**325**		**1310**		**1260**		**401**		**360**	J	**799**	J	**678**	J	**348**	J
MERCURY	7439-97-6	**0.1**	mg/kg	**0.25**		**0.59**		**0.14**	J	**1.2**		**0.13**		0.049		< 0.051	U	**0.16**		0.06		**0.12**		**1.1**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	15.6		7.6		16.2	J	30.4	J	**542**	J	**596**	J	**198**	J	**148**	J	**546**	J	**480**	J	**57.2**	J
POTASSIUM	7440-09-7		mg/kg	553	J	487	J	373	J	1290		< 660	U	< 770	U	< 850	U	6810	J	214	J	102	J	984	J
SELENIUM	7782-49-2	**7**	mg/kg	1.7		< 1.0	U	1.8		< 2.2	U	< 13	U	< 15	U	< 3.4	U	< 1	U	< 1.2	U	< 1.1	U	< 1	U
SILVER	7440-22-4	**1**	mg/kg	< 0.39	U	< 0.34	U	< 0.28	U	< 1.1	U	< 1.3	U	< 1.5	U	< 1.7	U	< 0.34	U	< 0.39	U	< 0.37	U	< 0.34	U
SODIUM	7440-23-5		mg/kg	352		103		234		< 1100	U	< 1300	U	1630		< 1700	U	10400		2870	J	2510	J	1190	J
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U	< 1.1	U	< 1.1	U	< 1.1	U	< 6.6	UM	< 7.7	UM	< 1.7	U	< 1.2	U	< 1.3	UJ	< 1.2	UJ	< 1.2	U
VANADIUM	7440-62-2		mg/kg	25.1		21.3		37.5		38.3		235		270		97.8		177		828		693		49.9	
ZINC	7440-66-6	**600**	mg/kg	182		149		115	J	539	J	412	J	159	J	61.6	J	143	J	237	J	208	J	**1120**	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		133-B11		133-B12		133-B12		133-B13		133-B13		133-B13		133-B14		133-B14		133-B14		133-B15		133-B16	
				Depth interval		0.5 - 2 ft		0.6 - 1.1 ft		1.1 - 1.4 ft		0.4 - 1.6 ft		1.6 - 2.4 ft		2.4 - 3.2 ft		0.5 - 1.1 ft		1.5 - 2.5 ft		4.5 - 5.3 ft		1.5 - 2.5 ft		0 - 0.5 ft	
				Sample ID		133-B11A_0.5-2.0		133-B12A_0.6-1.1		133-B12B_1.1-1.4		133-B13A_0.4-1.6		133-B13B_1.6-2.4		133-B13C_2.4-3.2		133-B14A_0.5-1.1		133-B14B_1.5-2.5		133-B14C_4.5-5.3		133-B15A_1.5-2.5		133B16A_0.0-0.5	
				Lab ID		821982		821975		821976		821884		821885		821886		822265		822266		822267		822278		802259	
				Date collected		4/17/2007 11:20:00 AM		4/17/2007 8:25:00 AM		4/17/2007 9:40:00 AM		4/16/2007 3:40:00 PM		4/16/2007 3:50:00 PM		4/16/2007 4:00:00 PM		4/18/2007 11:00:00 AM		4/18/2007 11:10:00 AM		4/18/2007 11:20:00 AM		4/18/2007 2:30:00 PM		1/24/2007 8:43:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4.4		4.6		4.6		4.9		4.9		4.9		5.2		5.2		5.2		5.4		4.2	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**7720**		**7810**		**6870**		1510		**6380**		**4730**		**12200**		**8600**		**9270**		**5300**		**8520**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.5	UJ	< 1.4	UJ	< 1.4	UJ	< 1.4	UJ	< 1.2	UJ	**8.5**	**J**	< 1.6	UJ	< 1.6	UJ	2.9	J	**20.3**	**J**	< 1.2	UJ
ARSENIC	7440-38-2	**19**	mg/kg	**19.1**		9.2		11.1		< 0.78	U	2.1		**24.1**		7.1		7.4		9.8		**22.3**		10.6	
BARIUM	7440-39-3	**1300**	mg/kg	405	J	179	J	375	J	8.8		45	J	667	J	163	J	199	J	240	J	379	J	418	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.36		**0.56**		0.39		0.26		0.29		0.35		0.15		0.35		0.32		0.4		**0.66**	
CADMIUM	7440-43-9	**1**	mg/kg	< 0.1	U	0.32		0.15		< 0.098	U	< 0.085	U	< 0.11	U	0.16		< 0.11	U	0.22		**1.6**		**1.1**	
CALCIUM METAL	7440-70-2		mg/kg	35100	J	14100	J	13300	J	328		59700	J	21400	J	109500	J	47800	J	46200		11000	J	5700	J
CHROMIUM	7440-47-3		mg/kg	3930		413		252		6.6		51.6		33.4		7410		3650		4000		289		49.7	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	128	J	28.9	J	< 2.38	UJ	< 2.44	UJ	5	J	< 2.7	UJ	882	J	811	J	189	J	7.6	J	< 2.54	UJ
COBALT	7440-48-4	**59**	mg/kg	24.8		16.8		9.8		2.8		2.7		17.9		**98.1**		27.7		42.4		9.7		9.8	
COPPER	7440-50-8	**7300**	mg/kg	148	J	78.5	J	73.5	J	2.5	J	6.2	J	133	J	65	J	65.6	J	207		314	J	167	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	39400		21900		27800		6090		10500		37900		28100		26800		24500		29800		21200	J
IRON (FERROUS)	15438-31-0		mg/kg					< 0.1	U	< 0.1	U									< 0.1	U				
LEAD	7439-92-1	**59**	mg/kg	**857**	**J**	**346**	**J**	**581**	**J**	4.2	J	5.6	J	**2560**	**J**	**253**	**J**	**318**	**J**	**812**	**J**	**1450**	**J**	**690**	**J**
MAGNESIUM	7439-95-4		mg/kg	2710	J	3450	J	2710	J	91.1		3150	J	1460	J	11800	J	4870	J	7370	J	1200	J	3880	
MANGANESE	7439-96-5	**42**	mg/kg	**320**	**J**	**614**	**J**	**348**		26.8		**138**	**J**	**304**	**J**	**843**	**J**	**349**	**J**	**684**	**J**	**1510**	**J**	**774**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**1.5**		**0.9**		**1.1**		< 0.02	UJ	< 0.018	UJ	**0.59**	**J**	**0.53**		0.08		**0.5**		**2.2**		**0.62**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**74.6**	**J**	28.6	J	27.5		1.5		8	J	26.8	J	**212**	**J**	**95.9**	**J**	**111**	**J**	25	J	21.8	
POTASSIUM	7440-09-7		mg/kg	697	J	1080	J	978		208		827	J	911	J	968	J	1200	J	984		1130	J	1190	J
SELENIUM	7782-49-2	**7**	mg/kg	1.4		1.4		< 1	U	< 1	U	< 0.89	U	4.7		< 1.2	U	< 1.2	U	< 1.1	U	2.6		2.8	
SILVER	7440-22-4	**1**	mg/kg	< 0.36	U	< 0.33	U	< 0.33	U	< 0.34	U	< 0.3	U	0.59		< 0.38	U	< 0.39	U	< 0.35	U	**3.2**		< 0.31	U
SODIUM	7440-23-5		mg/kg	765	J	473	J	396	J	< 96.7	UJ	86	J	690	J	953	J	716	J	684	J	527	J	211	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 1.1	U	< 1.1	U	< 1.1	U	< 0.99	U	< 1.3	U	< 1.3	U	< 1.3	U	< 1.2	U	< 1.2	UJ	< 1.2	U
VANADIUM	7440-62-2		mg/kg	66.4		27.8		30.9		9.8		11.5		19.9		92.2		55.3		60.3		27.4		37.8	
ZINC	7440-66-6	**600**	mg/kg	500	J	507	J	415		9.3	JF	10.9	J	**637**	**J**	359	J	171	J	449	J	**835**	**J**	494	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		133-B16		133-B16		133-B17		133-B17		133-B17		133-B17		133-B17		133-B18		133-B18		133-B18	
				Depth interval		2.5 - 2.9 ft		2.5 - 2.9 ft		1.1 - 1.6 ft		1.1 - 1.6 ft		3.3 - 3.8 ft		3.3 - 3.8 ft		4 - 4.5 ft		4 - 4.5 ft		0.4 - 0.9 ft		0.4 - 0.9 ft		1.5 - 2 ft	
				Sample ID		133B16B_2.5-2.9		33B16BD_2.5-2.9_80226		133-B17A (1.1-1.6)		133-B17A (1.1-1.6)R		133-B17B (3.3-3.8)		133-B17B (3.3-3.8)R		133-B17C (4.0-4.5)		133-B17C (4.0-4.5)R		133-B18A (0.4-0.9)		133-B18A (0.4-0.9)R		133-B18B (1.5-2.0)	
				Lab ID		802260		802261		J49295-6		J49295-6R		J49295-21		J49295-21R		J49295-20		J49295-20R		J49295-11		J49295-11R		J49295-12	
				Date collected		1/24/2007 9:49:00 AM		1/24/2007 9:52:00 AM		12/14/2006 11:14:00 AM		12/14/2006 11:14:00 AM		12/14/2006 11:20:00 AM		12/14/2006 11:20:00 AM		12/14/2006 11:33:00 AM		12/14/2006 11:33:00 AM		12/14/2006 12:20:00 PM		12/14/2006 12:20:00 PM		12/14/2006 12:25:00 PM	
				Sample Type		N		FD		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4.2		4.2		4.3		4.3		4.3		4.3		4.3		4.3		4.8		4.8		4.8	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**8070**	**J**	**4680**	**J**	**4420**	**J**			**4680**	**J**			**4980**	**J**			**5660**	**J**			**6550**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	**6.5**	**J**	4.3	J	< 2.4	UJ			< 3.6	UJ			< 3.5	UJ			< 2.3	UJ			**14.8**	**J**
ARSENIC	7440-38-2	**19**	mg/kg	17.4		**24.8**		**27.2**				**20.6**				17.1				6.4				8.8	
BARIUM	7440-39-3	**1300**	mg/kg	304		232		180				1150				568				165				250	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	**0.63**		0.45		< 0.59	U			< 0.90	U			< 0.88	U			< 0.57	U			< 0.73	U
CADMIUM	7440-43-9	**1**	mg/kg	**2.8**		**2.6**		0.62				**2.8**				**2.9**				**1.4**				1.0	
CALCIUM METAL	7440-70-2		mg/kg	5810	J	2060	J	2790	J			13800	J			34500	J			4600	J			3550	J
CHROMIUM	7440-47-3		mg/kg	525	J	605	J	292	J			112	J			137	J			77.1	J			110	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	3.5	J	< 2.63	UJ			7.3	J			< 1.8	U			< 1.8	U			< 1.1	U		
COBALT	7440-48-4	**59**	mg/kg	11.7		13.8		5.9				< 9.0	U			< 8.8	U			6.7				7.7	
COPPER	7440-50-8	**7300**	mg/kg	209	J	176	J	80.5				124				468				83.0				167	
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	61100	J	65200	J	6970				29900				43600				18700				17300	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**612**	**J**	**413**	**J**	**260**	**J**			**1170**	**J**			**1620**	**J**			**409**	**J**			**566**	**J**
MAGNESIUM	7439-95-4		mg/kg	893		708		< 590	U			< 900	U			1480	J			2180	J			759	J
MANGANESE	7439-96-5	**42**	mg/kg	**337**	**J**	**314**	**J**	**299**	**J**			**204**	**J**			**327**	**J**			**235**	**J**			**193**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**0.8**	**J**	**2.1**	**J**	**2.1**	**J**			**1.6**	**J**			**4.4**	**J**			**4.5**	**J**			**0.85**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**53.4**		**47.4**		14.3				18.0				19.9				21.1				18.1	
POTASSIUM	7440-09-7		mg/kg	502	J	193	J	< 590	U			< 900	U			899				669				851	
SELENIUM	7782-49-2	**7**	mg/kg	3.7		4.5		< 2.4	UJ			**8.5**	**J**			4.5	J			< 2.3	UJ			< 2.9	UJ
SILVER	7440-22-4	**1**	mg/kg	< 0.33	U	< 0.32	U	< 1.2	U			< 1.8	U			**2.6**				< 1.1	U			< 1.5	U
SODIUM	7440-23-5		mg/kg	280		126		< 1200	U			< 1800	U			< 1800	U			< 1100	U			< 1500	U
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U	< 1.3	U	< 1.2	U			< 1.8	U			< 1.8	U			< 1.1	U			< 1.5	U
VANADIUM	7440-62-2		mg/kg	93.1		87		19.7				32.5				28.0				38.0				32.0	
ZINC	7440-66-6	**600**	mg/kg	**744**		**624**		251				**2610**				**848**				254				305	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location			133-B18			133-B18			133-B18			133-B18			133-B18			133-B18			133-B18			133-B19			133-B19			133-B2			133-B2		
				Depth interval			1.5 - 2 ft			1.5 - 2 ft			1.5 - 2 ft			3.4 - 3.9 ft			3.4 - 3.9 ft			4.5 - 5 ft			4.5 - 5 ft			0.9 - 1.4 ft			3.2 - 3.7 ft			0.6 - 1.1 ft			3.3 - 3.8 ft		
				Sample ID			133-B18B (1.5-2.0)D			133-B18B (1.5-2.0)DR			133-B18B (1.5-2.0)R			133-B18C (3.4-3.9)			133-B18C (3.4-3.9)R			133-B18D (4.5-5.0)			133-B18D (4.5-5.0)R			133B19A(0.9-1.4)			133B19B(3.2-3.7)			133 B2A (0.6-1.1)			133 B2B (3.3-3.8)		
				Lab ID			J49295-13			J49295-13R			J49295-12R			J49295-14			J49295-14R			J49295-15			J49295-15R			J48474-5			J48474-6			J48347-8			J48347-9		
				Date collected			12/14/2006 12:25:00 PM			12/14/2006 12:25:00 PM			12/14/2006 12:25:00 PM			12/14/2006 12:36:00 PM			12/14/2006 12:36:00 PM			12/14/2006 12:40:00 PM			12/14/2006 12:40:00 PM			12/7/2006 2:47:00 PM			12/7/2006 2:53:00 PM			12/6/2006 11:25:00 AM			12/6/2006 12:47:00 PM		
				Sample Type			FD			FD			N			N			N			N			N			N			N			N			N		
				Depth to Groundwater			4.8			4.8			4.8			4.8			4.8			4.8			4.8			4.2			4.2			4.6			4.6		
				Excavated																																				
Analyte	CAS-RN	DIGWSSL	Units		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q
ALUMINUM	7429-90-5	**3900**	mg/kg		**4820**	J											**7870**	J							3330	J						**23400**	J		**34200**	J		**9310**			**14300**		
ANTIMONY	7440-36-0	**6**	mg/kg		**13.9**	J											< 3.3	UJ							< 3.1	UJ						< 5.2	UJ		< 15	UJ		3.9	J		**9.8**	J	
ARSENIC	7440-38-2	**19**	mg/kg		7.4												**19.8**								7.3							7.9			< 15	U		10.1			**143**		
BARIUM	7440-39-3	**1300**	mg/kg		202												544								100							30.7			< 150	U		**1810**			561		
BERYLLIUM	7440-41-7	**0.5**	mg/kg		< 0.61	U											< 0.81	U							< 0.76	U						< 1.3	U		< 3.7	U		< 0.54	U		< 1.4	U	
CADMIUM	7440-43-9	**1**	mg/kg		0.63												**2.6**								< 0.76	U						**9.8**			**3.7**			**1.2**			0.86		
CALCIUM METAL	7440-70-2		mg/kg		2150	J											6720	J							2760	J						61300			340000			97500			108000		
CHROMIUM	7440-47-3		mg/kg		61.6	J											23.0	J							15.1	J						6180	J		32500	J		3870			7840		
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg						1.4	J		12.7	j							< 1.5	U						< 1.6	U		4.1	J		5300	J		10	J		495	J	
COBALT	7440-48-4	**59**	mg/kg		6.7												8.9								< 7.6	U						**238**	J		**215**	J		35.4			55.7		
COPPER	7440-50-8	**7300**	mg/kg		102												125								27.3							44.9	J		58.4	J		143	J		637	J	
CYANIDE	57-12-5	**13**	mg/kg																																						
IRON	7439-89-6		mg/kg		14600												29800								6590							156000			57700			37100			55100		
IRON (FERROUS)	15438-31-0		mg/kg																																						
LEAD	7439-92-1	**59**	mg/kg		**419**	J											**860**	J							**85.5**	J						26.7	J		**266**	J		**1180**	J		**1360**	J	
MAGNESIUM	7439-95-4		mg/kg		< 610	U											< 810	U							< 760	U						79700			36000			9600			7570		
MANGANESE	7439-96-5	**42**	mg/kg		**119**	J											**149**	J							**90.4**	J						**1100**			**1550**			**850**			**659**		
MERCURY	7439-97-6	**0.1**	mg/kg		**0.93**	J											**2.1**	J							**0.23**	J						< 0.040	U		< 0.049	U		**0.72**			**0.78**		
MOLYBDENUM	7439-98-7		mg/kg																																						
NICKEL	7440-02-0	**31**	mg/kg		13.2												20.4								10.3							**811**	J		**708**	J		**125**	J		**202**	J	
POTASSIUM	7440-09-7		mg/kg		< 610	U											1030								< 760	U						< 650	U		< 3700	U		< 540	U		< 1400	U	
SELENIUM	7782-49-2	**7**	mg/kg		< 2.4	UJ											**17.7**	J							< 3.1	UJ						**7.5**			< 15	U		< 2.2	U		< 5.4	U	
SILVER	7440-22-4	**1**	mg/kg		< 1.2	U											< 1.6	U							< 1.5	U						< 1.3	U		< 7.5	U		< 1.1	U		< 2.7	U	
SODIUM	7440-23-5		mg/kg		< 1200	U											< 1600	U							< 1500	U						< 2600	U		< 7500	U		< 1100	U		< 1400	U	
THALLIUM	7440-28-0	**3**	mg/kg		< 1.2	U											< 1.6	U							< 1.5	U						< 2.6	U		< 7.5	UM		< 1.1	U		< 1.4	U	
VANADIUM	7440-62-2		mg/kg		22.6												33.3								14.2							721	J		283	J		157			101		
ZINC	7440-66-6	**600**	mg/kg		196												**1020**								81.0							424	J		193	J		**711**	J		**1060**	J	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	133-B2		133-B20		133-B20		133-B20		133-B20		133-B20		133-B21		133-B21		133-B22		133-B22		133-B22							
			Depth interval	4.5 - 5 ft		0.7 - 1.2 ft		1.5 - 2.4 ft		2.9 - 3.4 ft		3.5 - 4 ft		3.5 - 4 ft		1 - 1.5 ft		2.1 - 2.6 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft							
			Sample ID	133 B2C (4.5-5.0)		133B20A(0.7-1.2)		133B20B(1.5-2.4)		133B20C(2.9-3.4)		133B20D(3.5-4.0)		133B20D(3.5-4.0)T		133-B21A (1.0-1.5)		133B21B(2.1-2.6)		133-B22A (0.5-1.0)		133-B22B (2.0-2.5)		133-B22C (4.0-4.5)							
			Lab ID	J48347-10		J48874-5		J48874-6		J48874-7		J48874-8		J48874-8T		J48712-7		J48874-2		J48712-4		J48712-5		J48712-6							
			Date collected	12/6/2006 12:32:00 PM		12/11/2006 12:55:00 PM		12/11/2006 1:00:00 PM		12/11/2006 1:05:00 PM		12/11/2006 1:10:00 PM		12/11/2006 1:10:00 PM		12/8/2006 10:12:00 AM		12/11/2006 11:42:00 AM		12/8/2006 9:39:00 AM		12/8/2006 9:46:00 AM		12/8/2006 9:52:00 AM							
			Sample Type	N		N		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	4.6		4.3		4.3		4.3		4.3		4.3		4		4		4.4		4.4		4.4							
			Excavated																												
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg	**6960**		**12000**		**23600**		**25800**		**15000**				**5470**		**6600**		**17400**		**24900**		**5740**							
ANTIMONY	7440-36-0	**6**	mg/kg	5.8	J	2.8	J	< 2.6	UJ	3.3	J	**26.7**	**J**			< 2.4	UJ	< 2.2	UJ	2.9	J	3.3	J	3.6							
ARSENIC	7440-38-2	**19**	mg/kg	**211**		14.3		6.0		12.8		**28.0**				3.5		3.8		8.6		6.3		**21.4**							
BARIUM	7440-39-3	**1300**	mg/kg	477		158		32.2		789		**4000**				78.1		67.0		109		87.1		**5020**							
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.97	U	< 0.63	U	< 0.66	U	< 0.71	U	**1.0**				< 0.59	U	< 0.55	U	< 0.67	U	< 0.70	U	< 0.68	U						
CADMIUM	7440-43-9	**1**	mg/kg	**1.6**		**6.3**		**8.4**		**8.9**		**7.0**				0.76		**1.2**		**2.3**		**1.1**		**2.7**							
CALCIUM METAL	7440-70-2		mg/kg	21100		56700		48500		56500		97200				41600	J	3320		44300	J	33500	J	14600							
CHROMIUM	7440-47-3		mg/kg	4320		2690	J	4130	J	7590	J	10800	J			488		53.0	J	3930		4750		3310							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	25.7	J	< 1.3	UJ	< 1.3	UJ		R		R			12.8	J	< 1.1	UJ	8.2	J	19.4	J	2.5	J						
COBALT	7440-48-4	**59**	mg/kg	< 9.7	U	**72.2**		**136**		**128**		**76.0**				9.8		< 5.5	U	**109**		**141**		19.3							
COPPER	7440-50-8	**7300**	mg/kg	1240	J	132	J	40.5	J	69.1	J	337	J			40.4		28.5	J	70.7		43.2		254							
CYANIDE	57-12-5	**13**	mg/kg																												
IRON	7439-89-6		mg/kg	35800		39100		111000		106000		52300				12000	J	11600		87100	J	104000	J	31800	J						
IRON (FERROUS)	15438-31-0		mg/kg											21000																	
LEAD	7439-92-1	**59**	mg/kg	**2060**	**J**	**785**		39.8		**254**		**1720**				**77.5**		**1080**		**220**		**74.0**		**4340**							
MAGNESIUM	7439-95-4		mg/kg	8830		13800		35500		51400		14300				3630		1970		25200		38100		3970							
MANGANESE	7439-96-5	**42**	mg/kg	**433**		**381**		**496**		**653**		**629**				**216**		**142**		**627**		**464**		**319**							
MERCURY	7439-97-6	**0.1**	mg/kg	**1.7**		**22.7**	**J**	**0.99**	**J**	**0.41**	**J**	**1.0**	**J**			**36.5**		**0.29**	**J**	**12.0**		**26.4**		**1.4**							
MOLYBDENUM	7439-98-7		mg/kg																												
NICKEL	7440-02-0	**31**	mg/kg	**37.0**	**J**	**204**	**J**	**568**	**J**	**560**	**J**	**252**	**J**			20.5		11.8	J	**410**		**552**		**56.5**							
POTASSIUM	7440-09-7		mg/kg	< 970	U	< 630	U	< 660	U	< 710	U	< 730	U			< 590	U	833		< 670	U	< 700	U	< 680	U						
SELENIUM	7782-49-2	**7**	mg/kg	< 3.9	U	2.6		6.2		4.5		3.8				< 2.4	U	< 2.2	U	< 2.7	U	< 2.8	U	< 2.7	U						
SILVER	7440-22-4	**1**	mg/kg	**4.1**		**1.5**		< 1.3	U	< 1.4	U	< 1.5	U			< 1.2	U	< 1.1	U	< 1.3	U	< 1.4	U	< 1.4	U						
SODIUM	7440-23-5		mg/kg	< 1900	U	< 1300	U	< 1300	U	2140		1640				< 1200	U	< 1100	U	< 1300	U	< 1400	U	< 1400	U						
THALLIUM	7440-28-0	**3**	mg/kg	< 1.9	U	< 1.3	U	< 1.3	U	< 1.4	U	< 2.9	U			< 1.2	U	< 1.1	U	< 1.3	U	< 1.4	U	< 1.4	U						
VANADIUM	7440-62-2		mg/kg	41.8		382		311		483		183				41.2		16.9		327		401		166							
ZINC	7440-66-6	**600**	mg/kg	**1460**	**J**	**752**	**J**	252	J	**602**	**J**	**2780**	**J**			325	J	133	J	432	J	318	J	**3300**	**J**						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

				Location		133-B23		133-B23		133-B24		133-B24		133-B24		133-B24		133-B24		133-B24		133-B24		133-B24		133-B3	
				Depth interval		0.5 - 1 ft		3.2 - 3.7 ft		0.5 - 1 ft		0.5 - 1 ft		1.4 - 1.9 ft		1.4 - 1.9 ft		2.8 - 3.3 ft		2.8 - 3.3 ft		4.5 - 5 ft		4.5 - 5 ft		0.4 - 0.9 ft	
				Sample ID		133-B23A (0.5-1.0)		133-B23B (3.2-3.7)		133-B24 (0.5-1.0)R		133-B24A (0.5-1.0)		133-B24 (1.4-1.9)R		133-B24B (1.4-1.9)		133-B24 (2.8-3.3)R		133-B24C (2.8-3.3)		133-B24 (4.5-5.0)R		133-B24D (4.5-5.0)		133B3A(0.4-0.9)	
				Lab ID		J48712-2		J48712-3		J49295-2R		J49295-2		J49295-3R		J49295-3		J49295-4R		J49295-4		J49295-5R		J49295-5		J48474-9	
				Date collected		12/8/2006 8:20:00 AM		12/8/2006 8:49:00 AM		12/14/2006 8:50:00 AM		12/14/2006 8:50:00 AM		12/14/2006 9:02:00 AM		12/14/2006 9:02:00 AM		12/14/2006 9:09:00 AM		12/14/2006 9:09:00 AM		12/14/2006 9:15:00 AM		12/14/2006 9:15:00 AM		12/7/2006 8:45:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4.5		4.5		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		4.4	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**23100**		**14400**				**13900**	**J**			**7360**	**J**			**6990**	**J**			**9810**	**J**	**19300**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	< 2.5	UJ	< 16	UJ			< 2.6	UJ			< 3.1	UJ			< 2.7	UJ			< 2.8	UJ	3.7	J
ARSENIC	7440-38-2	**19**	mg/kg	3.9		**45.5**				15.4				10.2				10.9				16.9		12.9	
BARIUM	7440-39-3	**1300**	mg/kg	49.1		**4160**				110				253				225				148		89.6	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.62	U	< 0.78	U			< 0.66	U			< 0.79	U			**0.67**				**0.81**		< 0.64	U
CADMIUM	7440-43-9	**1**	mg/kg	0.95		**6.9**				**1.6**				< 0.79	U			**2.0**				1.0		**1.6**	
CALCIUM METAL	7440-70-2		mg/kg	39600	J	64200	J			56500	J			6240	J			12700	J			48200	J	97800	
CHROMIUM	7440-47-3		mg/kg	2840		14100				5780	J			817	J			1410	J			5730	J	5770	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	13.1	J	375	J	45.9	J			12.7	J			11.8	J			76.3	J			30.0	J
COBALT	7440-48-4	**59**	mg/kg	**144**		**74.1**				**72.3**				9.6				14.8				48.9		**84.0**	**J**
COPPER	7440-50-8	**7300**	mg/kg	35.9		278				48.9				156				822				48.7		41.3	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	106000	J	40700	J			36700				12300				40100				23500		61700	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	36.0		**17400**				52.6	J			**506**	**J**			**683**	**J**			**91.5**	**J**	**66.5**	**J**
MAGNESIUM	7439-95-4		mg/kg	46900		14700				6680	J			1300	J			1340	J			5420	J	22300	
MANGANESE	7439-96-5	**42**	mg/kg	**496**		**409**				**563**	**J**			**185**	**J**			**302**	**J**			**336**	**J**	**575**	
MERCURY	7439-97-6	**0.1**	mg/kg	**2.6**		**0.62**				**0.77**	**J**			**0.23**	**J**			**0.22**	**J**			**0.11**	**J**	**0.17**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**563**		**137**				**217**				21.4				**47.9**				**147**		**342**	**J**
POTASSIUM	7440-09-7		mg/kg	< 620	U	< 780	U			< 660	U			877				927				936		< 640	U
SELENIUM	7782-49-2	**7**	mg/kg	< 2.5	U	< 3.1	U			< 2.6	UJ			< 3.1	UJ			3.0	J			< 2.8	UJ	< 2.5	U
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.6	U			< 1.3	U			< 1.6	U			< 1.3	U			< 1.4	U	< 1.3	U
SODIUM	7440-23-5		mg/kg	< 1200	U	< 1600	U			< 1300	U			< 1600	U			< 1300	U			1740		< 1300	U
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	**10.4**				< 1.3	U			< 1.6	U			< 1.3	U			< 1.4	U	< 1.3	U
VANADIUM	7440-62-2		mg/kg	452		293				103				35.8				35.7				76.8		394	J
ZINC	7440-66-6	**600**	mg/kg	276	J	**21000**	**J**			135				325				521				96.7		229	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

				Location			133-B3		133-B3		133-B4		133-B4		133-B4		133-B4		133-B4		133-B5		133-B5		133-B6	
				Depth interval			2.7 - 3.2 ft		4 - 4.5 ft		0.7 - 1.2 ft		0.9 - 1.4 ft		1.5 - 2 ft		2 - 2.5 ft		2 - 2.5 ft		3.3 - 3.8 ft		0.4 - 0.9 ft		3 - 2.5 ft		0.7 - 1.2 ft	
				Sample ID			133B3B(2.7-3.2)		133B3C(4.0-4.5)		133 B4A (0.7-1.2)		137 B4A (0.9-1.4)		137 B4B (1.5-2.0)		137 B4B (2.0-2.5)		137 B4BDUP (2.0-2.5)		133 B4C (3.3-3.8)		133B5A(0.4-0.9)		133B5B(3.0-2.5)		133-B6A (0.7-1.2)	
				Lab ID			J48474-10		J48474-11		J48347-11		J48347-1		J48347-12		J48347-2		J48347-3		J48347-13		J48474-12		J48474-13		J48474-1	
				Date collected			12/7/2006 9:22:00 AM		12/7/2006 9:25:00 AM		12/6/2006 2:10:00 PM		12/6/2006 9:05:00 AM		12/6/2006 2:23:00 PM		12/6/2006 9:15:00 AM		12/6/2006 9:15:00 AM		12/6/2006 3:05:00 PM		12/7/2006 9:50:00 AM		12/7/2006 10:07:00 AM		12/7/2006 1:35:00 PM	
				Sample Type			N		N		N		N		N		N		FD		N		N		N		N	
				Depth to Groundwater			4.4		4.4		4.2		4.2		4.2		4.2		4.2		4.2		4.1		4.1		4.1	
				Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**16100**		**J**	**16200**		**J**	**19700**			**19800**			**8480**			**37000**			**29500**			**28200**			**6380**		**J**	**7170**		**J**	**7650**		**J**
ANTIMONY	7440-36-0	**6**	mg/kg	**21.0**		**J**	**33.3**		**J**	< 2.6		UJ	< 5.3		UJ	< 2.1		UJ	< 16		UJ	< 14		UJ	< 28		UJ	< 2.1		UJ	2.9		J	< 2.2		UJ
ARSENIC	7440-38-2	**19**	mg/kg	7.9			**22.2**			< 2.6		U	< 5.3		U	4.2			< 16		U	< 14		U	< 28		UM	< 2.1		U	**19.6**			9.0		
BARIUM	7440-39-3	**1300**	mg/kg	120			420			29.4			85.5			271			< 160		U	< 140		U	< 280		U	36.1			507			395		
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.83		U	< 0.84		U	< 0.64		U	< 0.66		U	< 0.53		U	< 3.9		U	< 0.71		U	< 6.9		U	< 0.52		U	< 0.56		U	< 0.55		U
CADMIUM	7440-43-9	**1**	mg/kg	**2.9**			**2.8**			< 0.64		U	0.86			**1.2**			< 3.9		U	< 0.71		U	< 3.5		U	**1.6**			**3.8**			**1.3**		
CALCIUM METAL	7440-70-2		mg/kg	190000			162000			38600			131000			13100			246000			213000			317000			17500			21100			26500		
CHROMIUM	7440-47-3		mg/kg	11400		J	17300		J	4320			8920			1100			31900			22400			34200			410		J	1010		J	1770		J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 1.7		U	184		J	20.4		J	19.6		J	12.2		J	6130		J	11600		J	9960		J	< 1.0		U	2.3		J	< 1.1		U
COBALT	7440-48-4	**59**	mg/kg	**87.6**		**J**	**110**		**J**	**141**			**69.9**			12.1			**147**			**107**			**150**			15.2		J	18.6		J	30.7		J
COPPER	7440-50-8	**7300**	mg/kg	28.9		J	84.3		J	30.7		J	275		J	79.5		J	< 19		UJ	53.8		J	18.4		J	55.3		J	373		J	93.3		J
CYANIDE	57-12-5	**13**	mg/kg																																	
IRON	7439-89-6		mg/kg	39400			37700			113000			49300			16000			106000			81400			50800			19000			37700			29700		
IRON (FERROUS)	15438-31-0		mg/kg																																	
LEAD	7439-92-1	**59**	mg/kg	**500**		**J**	**443**		**J**	28.0		J	**146**		**J**	**767**		**J**	37.0		J	**189**		**J**	47.4		J	53.6		J	**598**		**J**	**229**		**J**
MAGNESIUM	7439-95-4		mg/kg	16200			11000			47700			15400			5740			39400			28400			32100			6040			5290			7380		
MANGANESE	7439-96-5	**42**	mg/kg	**1150**			**645**			**559**			**663**			**166**			**1520**			**1090**			**1100**			**202**			**795**			**367**		
MERCURY	7439-97-6	**0.1**	mg/kg	**0.19**			**0.70**			0.042			**0.36**			0.047			< 0.047		U	< 0.045		U	< 0.041		U	**0.30**			**0.56**			**0.22**		
MOLYBDENUM	7439-98-7		mg/kg																																	
NICKEL	7440-02-0	**31**	mg/kg	**334**		**J**	**271**		**J**	**553**		**J**	**274**		**J**	**48.7**		**J**	**578**		**J**	**420**		**J**	**604**		**J**	**44.1**		**J**	**65.4**		**J**	**124**		**J**
POTASSIUM	7440-09-7		mg/kg	< 830		U	< 840		U	< 640		U	< 660		U	924			< 3900		U	< 710		U	< 6900		U	< 520		U	831			< 550		U
SELENIUM	7782-49-2	**7**	mg/kg	< 3.3		U	< 3.3		U	< 2.6		U	< 5.3		U	< 2.1		U	< 16		U	< 14		U	< 28		U	< 2.1		U	3.0			< 2.2		U
SILVER	7440-22-4	**1**	mg/kg	< 1.7		U	< 1.7		U	< 1.3		U	< 1.3		U	< 1.1		U	< 7.8		U	< 1.4		U	< 14		U	< 1.0		U	< 1.1		U	< 1.1		U
SODIUM	7440-23-5		mg/kg	< 1700		U	5190			< 1300		U	< 1300		U	1280			< 7800		U	< 1400		U	< 6900		U	< 1000		U	1320			< 1100		U
THALLIUM	7440-28-0	**3**	mg/kg	< 3.3		U	< 3.3		U	< 1.3		U	< 2.7		U	< 1.1		U	< 7.8		UM	< 7.1		UM	< 14		UM	< 1.0		U	< 1.1		U	< 1.1		U
VANADIUM	7440-62-2		mg/kg	136		J	153		J	364			332			71.3			799			645			238			93.3		J	71.6		J	149		J
ZINC	7440-66-6	**600**	mg/kg	**1150**		**J**	465		J	226		J	299		J	294		J	**1080**		**J**	**692**		**J**	142		J	111		J	**1040**		**J**	444		J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		133-B6		133-B6		133-B7		133-B7		133-B8		133-B8		133-B9		133-MW2C		133-MW2C		133-MW2C		133-MW2C	
				Depth interval		2.1 - 2.6 ft		3.1 - 3.6 ft		0.8 - 1.3 ft		2.3 - 2.4 ft		0.7 - 1.3 ft		5 - 6 ft		0.5 - 1 ft		0.5 - 1 ft		0.5 - 1 ft		3.8 - 4.2 ft		5 - 5.5 ft	
				Sample ID		133B6B(2.1-2.6)		133-B6C (3.1-3.6)		133B7A(0.8-1.3)		133B7B(2.3-2.4)		PPG-133-B8A (0.7-1.3)		PPG-133-B8B (5.0-6.0)		PPG-133-B9A (0.5-1.0)		1332CA (0.5-1.0)		1332CAD (0.5-1.0)		1332CB (3.8-4.2)		133-2CE_5.0-5.5	
				Lab ID		J48474-3		J48474-2		J48474-14		J48474-15		797777		797778		797836		801294		801295		801297		816945	
				Date collected		12/7/2006 1:49:00 PM		12/7/2006 2:00:00 PM		12/7/2006 11:35:00 AM		12/7/2006 11:45:00 AM		1/5/2007 11:00:00 AM		1/5/2007 11:15:00 AM		1/5/2007 2:30:00 PM		1/19/2007 8:41:00 AM		1/19/2007 8:43:00 AM		1/19/2007 8:52:00 AM		3/27/2007 4:10:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		FD		N		N	
				Depth to Groundwater		4.1		4.1		4.3		4.3		5.1		5.1		4.1		6		6		6		6	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**9820**	**J**	**7220**	**J**	3470	J	**4040**	**J**	2420	J	**5030**	**J**	**17000**	**J**	**5000**		**5430**		**5810**		**5480**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	< 2.3	UJ	< 2.4	UJ	< 2.3	UJ	< 2.2	UJ	2.1	J	< 1.4	UJ	< 3.4	UJ	< 1.4	UJ	< 1.4	UJ	2.5	J	< 1.8	UJ
ARSENIC	7440-38-2	**19**	mg/kg	10.5		**29.0**		4.6		7.7		8.6	J	18.3	J	< 1.2	UJ	5.8	J	5.7	J	15.4	J	9.6	J
BARIUM	7440-39-3	**1300**	mg/kg	352		229		46.7		90.7		271	J	481	J	17.5	J	81.8	J	82.4	J	208	J	383	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.58	U	< 0.60	U	< 0.57	U	< 0.55	U	0.16		**0.73**		0.04		0.24	J	0.28	J	0.4	J	0.33	
CADMIUM	7440-43-9	**1**	mg/kg	**2.3**		**4.9**		0.78		1.0		**2.6**		**1.1**		0.21		0.22	J	0.24	J	1.0	J	< 0.12	UJ
CALCIUM METAL	7440-70-2		mg/kg	18100		38800		2660		26000		5730	J	10000	J	47200	J	7800		9060		2360		25500	J
CHROMIUM	7440-47-3		mg/kg	1470	J	4400	J	141	J	1350	J	15.1		14.6		9100		32.5		33.3		40.6		21.2	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 1.2	U	< 1.2	U	< 1.1	U	< 1.1	U	< 2.35	UJ	< 2.82	UJ	8140	J	< 2.41	UJ	< 2.41	UJ	< 2.72	UJ	< 3.1	UJ
COBALT	7440-48-4	**59**	mg/kg	16.4	J	32.7	J	6.6	J	11.6	J	4.6		5.6		**151**		5.9		6.1		6.6		5.7	
COPPER	7440-50-8	**7300**	mg/kg	175	J	286	J	44.8	J	31.2	J	144		170		24.3		82	J	111	J	255	J	79.6	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	28900		71100		8770		14700		14600		27600		93500		17100		18200		25500		34100	
IRON (FERROUS)	15438-31-0		mg/kg											< 0.1	U							< 0.1	U		
LEAD	7439-92-1	**59**	mg/kg	**311**	**J**	**527**	**J**	**128**	**J**	**70.9**	**J**	**491**	**J**	**2160**	**J**	32	J	**108**		**99.6**		**960**		**1950**	**J**
MAGNESIUM	7439-95-4		mg/kg	3680		3490		1200		6150		754		915		50200		2000		3520		1060		1020	J
MANGANESE	7439-96-5	**42**	mg/kg	**816**		**608**		**112**		**241**		**144**	**J**	**4490**	**J**	**605**	**J**	**204**		**198**		**420**		**328**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**0.47**		**0.55**		**0.22**		**0.16**		**0.56**	**J**	**0.14**	**J**	0.07	J	**0.2**	**J**	**0.2**	**J**	**1.4**	**J**	**0.15**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**45.3**	**J**	**117**	**J**	14.5	J	**36.3**	**J**	15.4		16.7		**594**		16		15.5		28.7		16.1	J
POTASSIUM	7440-09-7		mg/kg	710		< 600	U	< 570	U	< 550	U	532	J	938	J	59	J	907	J	860	J	750	J	948	J
SELENIUM	7782-49-2	**7**	mg/kg	2.3		4.5		< 2.3	U	< 2.2	U	1.4		2.6		< 1.3	U	< 1	U	< 1	U	2.3		1.9	
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.2	U	< 1.1	U	< 1.1	U	0.61	J	0.41	J	< 0.33	UJ	< 0.34	U	< 0.34	U	< 0.38	U	< 0.43	U
SODIUM	7440-23-5		mg/kg	< 1200	U	< 1200	U	< 1100	U	< 1100	U	283		295	J	21200		251		302		193		408	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 1.2	U	< 1.1	U	< 1.1	U	< 1.1	UJ	< 1.4	UJ	< 1.3	UJ	< 1.1	UJ	< 1.1	UJ	< 1.3	UJ	< 1.5	U
VANADIUM	7440-62-2		mg/kg	46.7	J	64.6	J	16.3	J	35.9	J	15.5		22.9		684		< 1.1	UJ	26.2	J	30.7	J	21.8	
ZINC	7440-66-6	**600**	mg/kg	433	J	537	J	169	J	107	J	**956**	**J**	**1400**	**J**	337	J	130		134		**1820**		441	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		135-B1		135-B1		135-B1		135-B1		135-B1		135-B1		135-B1		135-B12		135-B12		135-B12	
				Depth interval		0.5 - 1 ft		0.5 - 1 ft		2.5 - 3 ft		2.5 - 3 ft		3.3 - 3.8 ft		3.3 - 3.8 ft		4.5 - 5 ft		4.5 - 5 ft		0.7 - 1.2 ft		0.7 - 1.2 ft		1.5 - 2 ft	
				Sample ID		135-B1A (0.5-1.0)		135-B1A (0.5-1.0)R		135-B1B (2.5-3.0)		135-B1B (2.5-3.0)R		135-B1C (3.3-3.8)		135-B1C (3.3-3.8)R		135-B1D (4.5-5.0)		135-B1D (4.5-5.0)R		135-B12A(0.7-1.2)		135-B12A(0.7-1.2)R		135-B12B(1.5-2.0)	
				Lab ID		J49295-16		J49295-16R		J49295-17		J49295-17R		J49295-18		J49295-18R		J49295-19		J49295-19R		J48979-9		J48979-9R		J48979-10	
				Date collected		12/14/2006 12:51:00 PM		12/14/2006 12:51:00 PM		12/14/2006 12:57:00 PM		12/14/2006 12:57:00 PM		12/14/2006 1:01:00 PM		12/14/2006 1:01:00 PM		12/14/2006 1:05:00 PM		12/14/2006 1:05:00 PM		12/12/2006 11:41:00 AM		12/12/2006 11:41:00 AM		12/12/2006 11:51:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4.9		4.9		4.9		4.9		4.9		4.9		4.9		4.9		4.5		4.5		4.5	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**10400**	**J**			**6020**	**J**			**32000**	**J**			**52100**	**J**			**7140**				**4730**	
ANTIMONY	7440-36-0	**6**	mg/kg	5.0	J			< 2.7	UJ			< 9.9	UJ			< 13	UJ			< 2.1	UJ			3.7	J
ARSENIC	7440-38-2	**19**	mg/kg	**21.3**				13.6				**35.0**				**79.9**				8.5				**49.3**	
BARIUM	7440-39-3	**1300**	mg/kg	**5920**				290				126				131				256	J			524	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.65	U			< 0.67	U			< 0.82	U			< 1.1	U			< 0.54	U			< 0.63	U
CADMIUM	7440-43-9	**1**	mg/kg	**3.5**				**1.3**				**2.3**				**2.1**				**1.1**				0.73	
CALCIUM METAL	7440-70-2		mg/kg	14900	J			4900	J			208000	J			286000	J			4440	J			6520	J
CHROMIUM	7440-47-3		mg/kg	985	J			112	J			18100	J			29800	J			41.2				121	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			5.7	J			7.8	J			2780	J			11900	J			1.4	J		
COBALT	7440-48-4	**59**	mg/kg	16.5				9.3				**198**				**232**				< 5.4	U			6.3	
COPPER	7440-50-8	**7300**	mg/kg	580				82.1				33.2				24.1				872	J			337	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	37500				23800				59100				73500				23900	J			40100	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**633**	**J**			**390**	**J**			**210**	**J**			**148**	**J**			**315**				**752**	
MAGNESIUM	7439-95-4		mg/kg	5170	J			< 670	U			43100	J			50200	J			2250				1230	
MANGANESE	7439-96-5	**42**	mg/kg	**802**	**J**			**277**	**J**			**1550**	**J**			**1800**	**J**			**313**	**J**			**1760**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**72.9**	**J**			**3.0**	**J**			**4.0**	**J**			0.094	J			**0.59**	**J**			**3.3**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**63.8**				17.7				**648**				**797**				14.7				19.9	
POTASSIUM	7440-09-7		mg/kg	715				988				< 820	U			< 1100	U			1170				759	
SELENIUM	7782-49-2	**7**	mg/kg	2.9	J			2.8	J			< 3.3	UJ			< 4.5	UJ			< 2.1	U			< 2.5	U
SILVER	7440-22-4	**1**	mg/kg	< 1.3	U			< 1.3	U			< 1.6	U			< 2.2	U			**1.3**				< 1.3	U
SODIUM	7440-23-5		mg/kg	< 1300	U			< 1300	U			< 1600	U			< 2200	U			< 1100	U			< 1300	U
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U			< 1.3	U			< 4.9	U			< 6.7	UM			< 1.1	U			< 1.3	U
VANADIUM	7440-62-2		mg/kg	97.2				33.1				298				379				27.9				26.6	
ZINC	7440-66-6	**600**	mg/kg	**921**				259				280				427				356	J			**902**	**J**

Appendix I2 Table I2-1

Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	135-B12		135-B12		135-B12		135-B12		135-B12		135-B13		135-B13		135-B13		135-B13		135-B13		135-B13	
			Depth interval	1.5 - 2 ft		2.9 - 3.4 ft		2.9 - 3.4 ft		3.7 - 4.2 ft		3.7 - 4.2 ft		0 - 0.5 ft		0 - 0.5 ft		1 - 1.5 ft		1 - 1.5 ft		3.7 - 4.1 ft		3.7 - 4.1 ft	
			Sample ID	135-B12B(1.5-2.0)R		135-B12C(2.9-3.4)		135-B12C(2.9-3.4)R		135-B12D(3.7-4.2)		135-B12D(3.7-4.2)R		135-B13A(0.0-0.5)		135-B13A(0.0-0.5)R		135-B13B(1.0-1.5)		135-B13B(1.0-1.5)R		135-B13C(3.7-4.1)		135-B13C(3.7-4.1)R	
			Lab ID	J48979-10R		J48979-11		J48979-11R		J48979-12		J48979-12R		J48979-14		J48979-14R		J48979-15		J48979-15R		J48979-16		J48979-16R	
			Date collected	12/12/2006 11:51:00 AM		12/12/2006 11:57:00 AM		12/12/2006 11:57:00 AM		12/12/2006 12:05:00 PM		12/12/2006 12:05:00 PM		12/12/2006 2:01:00 PM		12/12/2006 2:01:00 PM		12/12/2006 2:07:00 PM		12/12/2006 2:07:00 PM		12/12/2006 2:14:00 PM		12/12/2006 2:14:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.5		4.5		4.5		4.5		4.5		3.9		3.9		3.9		3.9		3.9		3.9	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg			**8410**				**6710**				**5650**				**7880**				**7230**			
ANTIMONY	7440-36-0	**6**	mg/kg			< 2.2	UJ			< 2.7	UJ			4.5	J			**6.3**	**J**			< 2.8	UJ		
ARSENIC	7440-38-2	**19**	mg/kg			9.3				14				11.7				15.9				**34**			
BARIUM	7440-39-3	**1300**	mg/kg			60.4	J			382	J			343	J			**1350**	**J**			675	J		
BERYLLIUM	7440-41-7	**0.5**	mg/kg			< 0.56	U			< 0.69	U			< 0.58	U			< 0.59	U			< 0.7	U		
CADMIUM	7440-43-9	**1**	mg/kg			< 0.56	U			**1.1**				**3.3**				**1.6**				**1.1**	**J**		
CALCIUM METAL	7440-70-2		mg/kg			1250	J			8430	J			5390	J			13000	J			6760			
CHROMIUM	7440-47-3		mg/kg			26				28.6				183				27.2				168			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	3.5	J			< 1.2	UJ			< 1.3	UJ			4.8	J			2.3	J			1.5	J
COBALT	7440-48-4	**59**	mg/kg			< 5.6	U			7.1				6.3				6.9				< 7	U		
COPPER	7440-50-8	**7300**	mg/kg			28.1	J			123	J			592	J			341	J			200	J		
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg			15000	J			35700	J			27100	J			34300	J			20100	J		
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg			**78.7**				**2770**				**1200**				**709**				**1140**			
MAGNESIUM	7439-95-4		mg/kg			2140				2610				1580				3800				1330			
MANGANESE	7439-96-5	**42**	mg/kg			**204**	**J**			**364**	**J**			**336**	**J**			**1010**	**J**			**465**	**J**		
MERCURY	7439-97-6	**0.1**	mg/kg			**0.16**	**J**			**0.55**	**J**			**0.86**	**J**			**0.61**	**J**			**1**	**J**		
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg			9.7				18.7				24.1				20.7				23.3			
POTASSIUM	7440-09-7		mg/kg			751				1040				641				1000				1290			
SELENIUM	7782-49-2	**7**	mg/kg			< 2.2	U			< 2.7	U			< 2.3	U			< 2.4	U			< 2.8	U		
SILVER	7440-22-4	**1**	mg/kg			< 1.1	U			< 1.4	U			< 1.2	U			< 1.2	U			< 1.4	U		
SODIUM	7440-23-5		mg/kg			< 1100	U			< 1400	U			< 1200	U			< 1200	U			< 1400	U		
THALLIUM	7440-28-0	**3**	mg/kg			< 1.1	U			< 1.4	U			< 1.2	U			< 1.2	U			< 1.4	U		
VANADIUM	7440-62-2		mg/kg			24.4				27.5				39.4				25.6				35.2			
ZINC	7440-66-6	**600**	mg/kg			114	J			**841**	**J**			**858**	**J**			**2050**	**J**			**991**	**J**		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		135-B14		135-B14		135-B14		135-B14		135-B14		135-B14		135-B15		135-B15		135-B15		135-B15	
				Depth interval		0.8 - 1.3 ft		0.8 - 1.3 ft		0.8 - 1.3 ft		2.9 - 3.4 ft		2.9 - 3.4 ft		3.4 - 3.8 ft		3.4 - 3.8 ft		0.6 - 1.1 ft		0.6 - 1.1 ft		2.2 - 2.2 ft		2.2 - 2.2 ft	
				Sample ID		135-B14A(0.8-1.3)		135-B14A(0.8-1.3)R		135-B14A(0.8-1.3)T		135-B14B(2.9-3.4)		135-B14B(2.9-3.4)R		135-B14C(3.4-3.8)		135-B14C(3.4-3.8)R		135-B15A(0.6-1.1)		135-B15A(0.6-1.1)R		135-B15B(2.2-2.2)		135-B15B(2.2-2.2)R	
				Lab ID		J48979-3		J48979-3R		J48979-3T		J48979-4		J48979-4R		J48979-5		J48979-5R		J48979-18		J48979-18R		J48979-19		J48979-19R	
				Date collected		12/12/2006 8:44:00 AM		12/12/2006 8:44:00 AM		12/12/2006 8:44:00 AM		12/12/2006 9:35:00 AM		12/12/2006 9:35:00 AM		12/12/2006 9:58:00 AM		12/12/2006 9:58:00 AM		12/12/2006 2:49:00 PM		12/12/2006 2:49:00 PM		12/12/2006 2:55:00 PM		12/12/2006 2:55:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		3.5		3.5		3.5		3.5		3.5		3.5		3.5		3.7		3.7		3.7		3.7	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**7560**						**4780**				**4350**				**6850**				**4870**			
ANTIMONY	7440-36-0	**6**	mg/kg	**16**	J					**44.3**	J			3.5	J			**50.3**	J			< 2.6	UJ		
ARSENIC	7440-38-2	**19**	mg/kg	8.5						14.3				6.8				**22.3**				**225**			
BARIUM	7440-39-3	**1300**	mg/kg	180	J					131	J			116				929	J			109	J		
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.55	U					**0.6**				< 0.6	U			< 0.53	U			< 0.65	U		
CADMIUM	7440-43-9	**1**	mg/kg	**1.2**						< 0.59	U			< 0.6	U			**5.9**				< 0.65	U		
CALCIUM METAL	7440-70-2		mg/kg	4250	J					5380	J			4830	J			7010	J			2550	J		
CHROMIUM	7440-47-3		mg/kg	288						138				36.1				53.7				18.9			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			14.6	J					< 1.2	UJ			< 1.2	UJ			5.8	J			< 1.3	UJ
COBALT	7440-48-4	**59**	mg/kg	8.6						12.1				< 6	U			9.4				< 6.5	U		
COPPER	7440-50-8	**7300**	mg/kg	372	J					170	J			48.3	J			940	J			188	J		
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	25100	J					30200	J			10100				67500	J			10800	J		
IRON (FERROUS)	15438-31-0		mg/kg					14000																	
LEAD	7439-92-1	**59**	mg/kg	**643**						**388**				**551**				**487**				**388**			
MAGNESIUM	7439-95-4		mg/kg	2360						691				1160				3340				< 650	U		
MANGANESE	7439-96-5	**42**	mg/kg	**2090**	J					**203**	J			**198**	J			**732**	J			**152**	J		
MERCURY	7439-97-6	**0.1**	mg/kg	**1**	J					**0.5**	J			**0.61**	J			**0.58**	J			**0.58**	J		
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	24.6						30.1				14.3				28				14.1			
POTASSIUM	7440-09-7		mg/kg	965						608				< 600	U			865				831			
SELENIUM	7782-49-2	**7**	mg/kg	< 2.2	U					< 2.4	U			< 2.4	U			2.2				< 2.6	U		
SILVER	7440-22-4	**1**	mg/kg	< 1.1	U					< 1.2	U			< 1.2	U			< 1.1	U			< 1.3	U		
SODIUM	7440-23-5		mg/kg	< 1100	U					< 1200	U			< 1200	U			< 1100	U			< 1300	U		
THALLIUM	7440-28-0	**3**	mg/kg	< 1.1	U					< 1.2	U			< 1.2	U			< 1.1	U			< 1.3	U		
VANADIUM	7440-62-2		mg/kg	34.3						36.2				14.5				50				21.1			
ZINC	7440-66-6	**600**	mg/kg	**1040**	J					294	J			221	J			**2750**	J			214	J		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		135-B16		135-B16		135-B16		135-B17		135-B17		135-B17		135-B18		135-B18		135-B19		135-B19		135-B19	
				Depth interval		0.7 - 1.2 ft		2 - 2.4 ft		2 - 2.4 ft		0.9 - 1.4 ft		2.4 - 2.9 ft		4 - 4.5 ft		0.6 - 1.1 ft		2.8 - 3.3 ft		1.3 - 1.8 ft		2.1 - 2.6 ft		3.3 - 3.8 ft	
				Sample ID		135-B16A(0.7-1.2)		135-B16B(2.0-2.4)		135-B16B(2.0-2.4)T		135-B17A(0.9-1.4)		135-B17B(2.4-2.9)		135-B17C(4.0-4.5)		135 B18A(0.6-1.1)		135 B18B(2.8-3.3)		135-B19A (1.3-1.8)		135-B19B (2.1-2.6)		135 B19C(3.3-3.8)	
				Lab ID		J49116-2		J49116-3		J49116-3T		J49116-5		J49116-6		J49116-7		J49116-10		J49116-11		J49116-8		J49116-9		J49116-17	
				Date collected		12/13/2006 8:12:00 AM		12/13/2006 8:21:00 AM		12/13/2006 8:21:00 AM		12/13/2006 9:47:00 AM		12/13/2006 9:52:00 AM		12/13/2006 10:00:00 AM		12/13/2006 11:25:00 AM		12/13/2006 11:34:00 AM		12/13/2006 10:29:00 AM		12/13/2006 10:38:00 AM		12/13/2006 10:48:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4		4		4		4.1		4.1		4.1		3.9		3.9		4.3		4.3		4.3	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**6440**		**4800**				**6500**		**6140**		**6950**		**5160**		**10200**		**8840**		**4440**		**4380**	
ANTIMONY	7440-36-0	**6**	mg/kg	5.1	J	< 2.3	UJ			3.2	J	< 2.4	UJ	< 3	UJ	3.6	J	< 2.6	UJ	< 2.3	UJ	2.7	J	< 2.7	UJ
ARSENIC	7440-38-2	**19**	mg/kg	16.5		**102**				8.1		4.3		10.9		**552**		11.5		**27.9**		**32.2**		16.5	
BARIUM	7440-39-3	**1300**	mg/kg	531		316				5090		53.6		207		437		238		116		430		540	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.64	U	< 0.59	U			< 0.55	U	< 0.59	U	< 0.74	U	**0.58**		**0.65**		< 0.58	U	< 0.63	U	< 0.67	U
CADMIUM	7440-43-9	**1**	mg/kg	**3.2**		0.81				**2.6**		< 0.59	U	< 0.74	U	0.98		**1.8**		< 0.58	U	**2.7**		< 0.67	U
CALCIUM METAL	7440-70-2		mg/kg	8280	J	5910	J			11400	J	6000	J	5290	J	13100	J	3330	J	14400	J	6580	J	2700	J
CHROMIUM	7440-47-3		mg/kg	64.1		81.2				19.7		12.7		23.5		192		46.3		169		457		231	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 1.3	UJ	< 1.2	UJ			1.4	J	< 1.2	UJ	< 1.5	UJ	< 1.1	UJ	< 1.3	UJ	< 1.2	UJ	< 1.3	UJ	< 1.3	UJ
COBALT	7440-48-4	**59**	mg/kg	7.8		5.9				< 5.5	U	< 5.9	U	8.1		10.2		6.6		13		7.1		10.5	
COPPER	7440-50-8	**7300**	mg/kg	3270	J	228	J			182	J	32	J	97.9	J	254	J	121	J	136	J	591	J	155	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	27200	J	13400	J			23000	J	10700	J	13700	J	54600	J	26800	J	74600	J	48600	J	16200	J
IRON (FERROUS)	15438-31-0		mg/kg					9400																	
LEAD	7439-92-1	**59**	mg/kg	**2290**		**863**				**340**		**159**		**331**		**2470**		**479**		**118**		**794**		**1710**	
MAGNESIUM	7439-95-4		mg/kg	939		1290				2940		1660		961		1990		2520		7240		1550		< 670	U
MANGANESE	7439-96-5	**42**	mg/kg	**4340**	**J**	**609**	**J**			**199**	**J**	**152**	**J**	**171**	**J**	**841**	**J**	**402**	**J**	**751**	**J**	**1170**	**J**	**137**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**3.3**		**1.5**				**0.47**		**0.11**		**0.59**		**1.5**		**0.48**		**1.9**		**1.8**		**0.94**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**31.3**		17.4				11.5		9.5		23.7		27.1		16.3		**61.1**		26.1		21.3	
POTASSIUM	7440-09-7		mg/kg	1070		827				781		683		966		698		939		< 580	U	< 630	U	< 670	U
SELENIUM	7782-49-2	**7**	mg/kg	< 5.1	U	< 2.3	U			< 2.2	U	< 2.4	U	< 3	U	< 2.3	U	< 2.6	U	< 2.3	U	< 2.5	U	< 2.7	U
SILVER	7440-22-4	**1**	mg/kg	< 1.3	U	< 1.2	U			< 1.1	U	< 1.2	U	< 1.5	U	< 1.1	U	< 1.3	U	< 1.2	U	< 1.3	U	< 1.3	U
SODIUM	7440-23-5		mg/kg	1950		1300				< 1100	U	< 1200	U	< 1500	U	< 1100	U	< 1300	U	< 1200	U	< 1300	U	< 1300	U
THALLIUM	7440-28-0	**3**	mg/kg	< 2.6	U	< 1.2	U			< 1.1	U	< 1.2	U	< 1.5	U	< 1.1	U	< 1.3	U	< 1.2	U	< 1.3	U	< 1.3	U
VANADIUM	7440-62-2		mg/kg	30.4		18.4				21.3		17.5		32.8		42		19.3		50.5		25.1		25.1	
ZINC	7440-66-6	**600**	mg/kg	**2490**	**J**	**757**	**J**			**2110**	**J**	317	J	301	J	**892**	**J**	**958**	**J**	215	J	**1450**	**J**	360	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	135-B2		135-B2		135-B2		135-B2		135-B2		135-B2		135-B3		135-B3		135-B4		135-B4		135-B4	
			Depth interval	0.9 - 1.4 ft		0.9 - 1.4 ft		2.1 - 2.6 ft		2.1 - 2.6 ft		3.4 - 3.8 ft		3.4 - 3.8 ft		1.1 - 1.6 ft		3.4 - 4 ft		0.7 - 1.6 ft		0.7 - 1.6 ft		2.1 - 2.6 ft	
			Sample ID	135-B2A (0.9-1.4)		135-B2A (0.9-1.4)R		135-B2B (2.1-2.6)		135-B2B (2.1-2.6)R		135-B2C (3.4-3.8)		135-B2C (3.4-3.8)R		135B3A_1.1-1.6		135B3B_3.4-4.0		135-B4A(0.7-1.6)		135-B4A(0.7-1.6)R		135-B4B(2.1-2.6)	
			Lab ID	J49295-7		J49295-7R		J49295-8		J49295-8R		J49295-9		J49295-9R		802271		802272		J48979-7		J48979-7R		J48979-22	
			Date collected	12/14/2006 11:53:00 AM		12/14/2006 11:53:00 AM		12/14/2006 11:57:00 AM		12/14/2006 11:57:00 AM		12/14/2006 12:01:00 PM		12/14/2006 12:01:00 PM		1/24/2007 1:26:00 PM		1/24/2007 1:34:00 PM		12/12/2006 10:39:00 AM		12/12/2006 10:39:00 AM		12/12/2006 10:53:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.5		4.5		4.5		4.5		4.5		4.5		3.9		3.9		5.5		5.5		5.5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**15400**	**J**			**6560**	**J**			**8100**	**J**			3470	J	**6900**	**J**	**7020**				**5440**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 14	UJ			3.7	J			3.3	J			5.7	J	2	J	< 2.2	UJ			< 2.8	UJ
ARSENIC	7440-38-2	**19**	mg/kg	**20.9**				13.0				**22.7**				**28.9**		**44.4**		7.6				**29.8**	
BARIUM	7440-39-3	**1300**	mg/kg	519				233				401				338		262		116	J			93.7	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 3.4	U			< 0.68	U			**0.86**				0.35		**0.59**		< 0.56	U			< 0.7	U
CADMIUM	7440-43-9	**1**	mg/kg	< 3.4	U			**1.7**				**3.2**				**1.5**		0.76		0.63				**2.5**	
CALCIUM METAL	7440-70-2		mg/kg	34000	J			4480	J			7660	J			4050	J	7640	J	12900	J			3620	J
CHROMIUM	7440-47-3		mg/kg	573	J			363	J			725	J			253	J	214	J	54.2				640	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			1.9	J			< 1.3	U			< 1.6	U	14.2	J	4.3	J			2.2	J		
COBALT	7440-48-4	**59**	mg/kg	< 34	U			9.2				22.2				10.6		7.7		6.7				11.5	
COPPER	7440-50-8	**7300**	mg/kg	118				84.6				308				166	J	341	J	128	J			**11100**	**J**
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	27600				19300				38400				48100	J	20500	J	24100	J			21500	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**388**	**J**			**690**	**J**			**675**	**J**			**661**	**J**	**276**	**J**	**242**				**543**	
MAGNESIUM	7439-95-4		mg/kg	7440	J			1080	J			< 780	U			696		2210		4450				962	
MANGANESE	7439-96-5	**42**	mg/kg	**568**	**J**			**202**	**J**			**138**	**J**			**274**	**J**	**265**	**J**	**390**	**J**			**349**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**101**	**J**			**20.5**	**J**			**50.8**	**J**			**12.7**	**J**	**1.2**	**J**	**0.36**	**J**			**2.4**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**62.7**				28.8				**31.8**				28.9		22.8		18.8				**43.1**	
POTASSIUM	7440-09-7		mg/kg	< 3400	U			< 680	U			807				469	J	1330	J	748				< 700	U
SELENIUM	7782-49-2	**7**	mg/kg	< 14	UJ			< 2.7	UJ			6.7	J			3.8		3.2		< 2.2	U			< 2.8	U
SILVER	7440-22-4	**1**	mg/kg	< 6.9	U			< 1.4	U			< 1.6	U			0.48		0.42		< 1.1	U			< 1.4	U
SODIUM	7440-23-5		mg/kg	< 6900	U			< 1400	U			< 1600	U			192		1730		< 1100	U			< 1400	U
THALLIUM	7440-28-0	**3**	mg/kg	< 6.9	UM			< 1.4	U			< 1.6	U			< 1.2	U	< 1.5	U	< 1.1	U			< 1.4	U
VANADIUM	7440-62-2		mg/kg	87.8				49.1				41.0				33.7		22.8		35.6				224	
ZINC	7440-66-6	**600**	mg/kg	**741**				439				**1260**				**827**		**614**		391	J			349	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	135-B4				135-B4				135-B4				135-B4				135-B4				135-B5				135-B5				135-B5				135-B5			
			Depth interval	2.1 - 2.6 ft				2.1 - 2.6 ft				2.1 - 2.6 ft				4 - 4.5 ft				4 - 4.5 ft				0.7 - 1.1 ft				1.1 - 1.8 ft				1.8 - 2.7 ft				4.7 - 5.8 ft			
			Sample ID	135-B4B(2.1-2.6)D				135-B4B(2.1-2.6)DR				135-B4B(2.1-2.6)R				135-B4C(4.0-4.5)				135-B4C(4.0-4.5)R				135-B5A_0.7-1.1				135-B5B_1.1-1.8				135-B5C_1.8-2.7				135-B5D_4.7-5.8			
			Lab ID	J48979-23				J48979-23R				J48979-22R				J48979-8				J48979-8R				816973				816974				816975				816976			
			Date collected	12/12/2006 10:53:00 AM				12/12/2006 10:53:00 AM				12/12/2006 10:53:00 AM				12/12/2006 11:02:00 AM				12/12/2006 11:02:00 AM				3/27/2007 2:00:00 PM				3/27/2007 2:13:00 PM				3/27/2007 2:20:00 PM				3/27/2007 2:22:00 PM			
			Sample Type	FD				FD				N				N				N				N				N				N				N			
			Depth to Groundwater	5.5				5.5				5.5				5.5				5.5				5.6				5.6				5.6				5.6			
			Excavated																																				
Analyte	CAS-RN	DIGWSSL	Units	R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q	
ALUMINUM	7429-90-5	**3900**	mg/kg	**7460**												**7110**								819	J			**8270**	**J**			**8120**	**J**			**6890**	**J**		
ANTIMONY	7440-36-0	**6**	mg/kg	4.3	J											**15.8**	**J**							< 1.2	UJ			< 1.2	UJ			< 1.3	UJ			< 1.3	UJ		
ARSENIC	7440-38-2	**19**	mg/kg	**36.5**												16.6								< 0.68	UJ			< 0.69	UJ			2.5	J			**21**	**J**		
BARIUM	7440-39-3	**1300**	mg/kg	126	J											133	J							8.1				49.9				65.1				263			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	**0.75**												< 0.62	U							< 0.064	U			0.23				0.49				**0.52**			
CADMIUM	7440-43-9	**1**	mg/kg	**3.9**												< 0.62	U							< 0.085	UJ			< 0.086	UJ			< 0.091	UJ			0.4	J		
CALCIUM METAL	7440-70-2		mg/kg	5070	J											2530	J							1070	J			87600	J			5160	J			17800	J		
CHROMIUM	7440-47-3		mg/kg	756												160								3.4	J			15.9	J			15.7	J			42.8	J		
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg					16.1	J			12.1	J							4.2	J			< 2.14	UJ			< 2.14	UJ			< 2.28	UJ			< 2.56	UJ		
COBALT	7440-48-4	**59**	mg/kg	15.5												8.3								3				2.4				5.8				6.4			
COPPER	7440-50-8	**7300**	mg/kg	521	J											98.8	J							7.8	J			8.1	J			22.5	J			209	J		
CYANIDE	57-12-5	**13**	mg/kg																																				
IRON	7439-89-6		mg/kg	33600	J											86500	J							7160				7290				13900				16900			
IRON (FERROUS)	15438-31-0		mg/kg																																	< 0.1	U		
LEAD	7439-92-1	**59**	mg/kg	**749**												**794**								11.8	J			7.9	J			**133**	**J**			**612**	**J**		
MAGNESIUM	7439-95-4		mg/kg	1660												1310								277	J			3780	J			2940	J			3230	J		
MANGANESE	7439-96-5	**42**	mg/kg	**491**	**J**											**997**								**86.6**	**J**			**148**	**J**			**275**	**J**			**820**	**J**		
MERCURY	7439-97-6	**0.1**	mg/kg	**1.9**	**J**											**1.3**	**J**							< 0.018	UJ			< 0.018	UJ			0.09	J			**1.2**	**J**		
MOLYBDENUM	7439-98-7		mg/kg																																				
NICKEL	7440-02-0	**31**	mg/kg	**70.6**												23.3								5	J			6.6	J			11.6	J			18.3	J		
POTASSIUM	7440-09-7		mg/kg	< 670	U											660								415	J			1410	J			902	J			1390	J		
SELENIUM	7782-49-2	**7**	mg/kg	< 2.7	U											< 2.5	U							< 0.9	U			< 0.9	U			< 0.96	U			< 1.2	U		
SILVER	7440-22-4	**1**	mg/kg	**1.4**												< 1.2	U							< 0.3	U			< 0.3	U			< 0.32	U			0.34			
SODIUM	7440-23-5		mg/kg	< 1300	U											< 1200	U							210				751				202				249			
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U											< 1.2	U							< 1	U			< 1	U			< 1.1	U			< 1.2	U		
VANADIUM	7440-62-2		mg/kg	324												31.8								3.1				11				20.7				21.9			
ZINC	7440-66-6	**600**	mg/kg	**723**	**J**											544	J							10.9	J			16.7	J			88.6	J			430	J		

			Location	135-B6				135-B6																													
			Depth interval	0.8 - 2 ft				2 - 3.4 ft																													
			Sample ID	135-B6A_0.8-2.0				135-B6B_2.0-3.4																													
			Lab ID	816549				816550																													
			Date collected	3/26/2007 11:20:00 AM				3/26/2007 11:40:00 AM																													
			Sample Type	N				N																													
			Depth to Groundwater	3.8				3.8																													
			Excavated																																	
Analyte	CAS-RN	DIGWSSL	Units	R		Q		R		Q																										
ALUMINUM	7429-90-5	**3900**	mg/kg	**5780**	**J**			**4640**	**J**																											
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.6	UJ			**9.9**	**J**																											
ARSENIC	7440-38-2	**19**	mg/kg	13.7	J			12.3	J																											
BARIUM	7440-39-3	**1300**	mg/kg	313				263																												
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.43				0.38																												
CADMIUM	7440-43-9	**1**	mg/kg	1	J			0.61	J																											
CALCIUM METAL	7440-70-2		mg/kg	8520	J			2680	J																											
CHROMIUM	7440-47-3		mg/kg	47.7	J			36	J																											
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	2.9	J			< 2.56	UJ																											
COBALT	7440-48-4	**59**	mg/kg	8.3				4.7																												
COPPER	7440-50-8	**7300**	mg/kg	275	J			75.2	J																											
CYANIDE	57-12-5	**13**	mg/kg																																	
IRON	7439-89-6		mg/kg	17700				10800																												
IRON (FERROUS)	15438-31-0		mg/kg																																	
LEAD	7439-92-1	**59**	mg/kg	**456**	**J**			**12500**	**J**																											
MAGNESIUM	7439-95-4		mg/kg	1370	J			1120	J																											
MANGANESE	7439-96-5	**42**	mg/kg	**607**	**J**			**307**	**J**																											
MERCURY	7439-97-6	**0.1**	mg/kg	**1.9**	**J**			**2**	**J**																											
MOLYBDENUM	7439-98-7		mg/kg																																	
NICKEL	7440-02-0	**31**	mg/kg	24.8	J			12.8	J																											
POTASSIUM	7440-09-7		mg/kg	824	J			723	J																											
SELENIUM	7782-49-2	**7**	mg/kg	< 1.2	U			1.2																												
SILVER	7440-22-4	**1**	mg/kg	0.55				0.9																												
SODIUM	7440-23-5		mg/kg	323				233																												
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U			< 1.2	U																											
VANADIUM	7440-62-2		mg/kg	20.1				17.5																												
ZINC	7440-66-6	**600**	mg/kg	**1410**	**J**			556	J																											

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		135-MW1C		135-MW1C		135-MW1C		137-B1		137-B1		137-B1		137-B1		137-B10		137-B10		137-B10		137-B11	
				Depth interval		0.6 - 1.1 ft		1.8 - 2.3 ft		1.8 - 2.3 ft		0.4 - 0.6 ft		0.4 - 0.6 ft		2.5 - 3 ft		2.5 - 3 ft		1 - 1.6 ft		1.6 - 2 ft		3 - 3.5 ft		1.1 - 1.6 ft	
				Sample ID		PPG 1351CA(0.6-1.1)		PPG 1351CB(1.8-2.3)		PPG 1351CB(1.8-2.3) D		137-B1A(0.4-0.6)		137-B1A(0.4-0.6)		137-B1B(2.5-3.0)		137-B1B(2.5-3.0)		137B10A (1.0-1.6)		137B10B (1.6-2.0)		137B10C (3.0-3.5)		137B11A_1.1-1.6	
				Lab ID		J49116-13		J49116-14		J49116-15		J48200-3		J48200-3R		J48200-4		J48200-4R		802709		802710		802711		801001	
				Date collected		12/13/2006 2:02:00 PM		12/13/2006 2:10:00 PM		12/13/2006 2:10:00 PM		12/5/2006 11:18:00 AM		12/5/2006 11:18:00 AM		12/5/2006 11:27:00 AM		12/5/2006 11:27:00 AM		1/25/2007		1/25/2007		1/25/2007		1/18/2007 2:08:00 PM	
				Sample Type		N		N		FD		N		N		N		N		N		N		N		N	
				Depth to Groundwater		3.2		3.2		3.2		3.8		3.8		3.8		3.8		4.5		4.5		4.5		4.3	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**6550**		**8240**		**9400**		**16200**	**J**					**29600**	**J**			**25800**		**23200**		**26700**		**19100**	
ANTIMONY	7440-36-0	**6**	mg/kg	2.8	J	**6.5**	**J**	**6.9**	**J**	< 2.1	UJ					< 32	UJM			< 6.9	UJ	< 6.5	UJ	**10.5**	**J**	< 1.3	UJ
ARSENIC	7440-38-2	**19**	mg/kg	13		15.8		17.6		< 2.1	U					**33.4**				5.5	J	< 1.2	UJ	2.5	J	6.1	J
BARIUM	7440-39-3	**1300**	mg/kg	385		873		822		81.6						< 320	U			102		32		52.6		148	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.58	U	< 0.65	U	< 0.66	U	< 0.53	U					< 8.1	U			0.42	B	< 0.027	U	0.25	B	0.26	J
CADMIUM	7440-43-9	**1**	mg/kg	**4.4**		**8.4**		**6.6**		< 0.53	U					< 8.1	U			**1.6**		0.99		0.51		**1.7**	
CALCIUM METAL	7440-70-2		mg/kg	6940	J	6940	J	6090	J	17600						185000				170700		100300		297200		127100	
CHROMIUM	7440-47-3		mg/kg	32.9		24.9		28		23.2						23300				23800	J	8280	J	50100	J	8400	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	10.3	J	12.6	J	20.1	J			< 1.1	U					12200		11200	J	5400	J	17900	J	307	
COBALT	7440-48-4	**59**	mg/kg	< 5.8	U	< 6.5	U	8.4		16.3						**98.9**				**126**		**148**		**126**		**89.5**	
COPPER	7440-50-8	**7300**	mg/kg	1020	J	1200	J	1160	J	95.6	J					< 41	UJ			59.4	J	27.9	J	11	BJ	51.7	J
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	25700	J	31900	J	36300	J	29100						67000				65000		100100		48600		50500	
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg	**856**		**1200**		**1170**		4.8						< 32	U			**148**	**J**	37.6	J	17.8	J	**168**	
MAGNESIUM	7439-95-4		mg/kg	1710		1320		1350		13700						41600				36100		51300		33600		28000	
MANGANESE	7439-96-5	**42**	mg/kg	**682**	**J**	**1050**	**J**	**1720**	**J**	**480**						**800**				**898**	**J**	**712**	**J**	**965**	**J**	**648**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.9**		**2**		**1.6**		< 0.035	U					< 0.053	U			**0.2**	**J**	0.07	J	0.03	J	**0.34**	
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	24.8		20.8		29.2		**34.5**	**J**					**431**	**J**			**526**		**592**		**576**		**376**	
POTASSIUM	7440-09-7		mg/kg	793		864		973		< 530	U					< 8100	U			170	J	< 34.6	UJ	< 38.6	UJ	227	J
SELENIUM	7782-49-2	**7**	mg/kg	< 2.3	U	< 2.6	U	< 2.6	U	< 2.1	U					< 32	U			< 1.4	U	< 1.3	U	< 1.4	U	< 1.3	UJ
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.3	U	**1.7**		< 1.1	U					< 16	U			< 0.34	U	< 0.32	U	< 0.36	U	< 0.32	U
SODIUM	7440-23-5		mg/kg	< 1200	U	< 1300	U	< 1300	U	1190						< 16000	U			930		852		799		553	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 1.3	U	< 1.3	U	< 1.1	U					< 16	UM			< 1.4	U	< 1.3	U	< 1.4	U	< 1.3	U
VANADIUM	7440-62-2		mg/kg	23.1		26.5		28.6		60.1	J					487	J			383		864		237		300	
ZINC	7440-66-6	**600**	mg/kg	**2410**	**J**	**2910**	**J**	**2740**	**J**	35.6	J					202				596	J	444	J	**689**	**J**	458	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		137-B11		137-B11		137-B11		137-B11		137-B12		137-B13		137-B13		137-B13		137-B13		137-B2		137-B2	
				Depth interval		1.6 - 2.1 ft		2.5 - 2.8 ft		3.2 - 3.6 ft		4.2 - 4.4 ft		1.2 - 1.8 ft		0.4 - 0.9 ft		0.4 - 0.9 ft		0.9 - 1.3 ft		2.8 - 3.4 ft		0.4 - 0.6 ft		0.4 - 0.6 ft	
				Sample ID		137B11B_1.6-2.1		137B11C_2.5-2.8		137B11D_3.2-3.6		137B11E_4.2-4.4		137B12A (1.2-1.8)		PPG137B13A (0.4-0.9)		PPG137B13AD (0.4-0.9)		137B13B (0.9-1.3)		137B13C (2.8-3.4)		137-B2A(0.4-0.6)		137-B2A(0.4-0.6)	
				Lab ID		801002		801003		801004		801005		805054		800608		800609		800613		800614		J48200-5		J48200-5R	
				Date collected		1/18/2007 2:18:00 PM		1/18/2007 2:24:00 PM		1/18/2007 2:32:00 PM		1/18/2007 2:49:00 PM		2/2/2007 1:32:00 PM		1/17/2007 10:47:00 AM		1/17/2007 10:50:00 AM		1/17/2007 10:59:00 AM		1/17/2007 11:03:00 AM		12/5/2006 1:55:00 PM		12/5/2006 1:55:00 PM	
				Sample Type		N		N		N		N		N		N		FD		N		N		N		N	
				Depth to Groundwater		4.3		4.3		4.3		4.3		4.5		4.4		4.4		4.4		4.4		4.7		4.7	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**25000**		**31100**		**24700**		**17400**		**24600**	**J**	**12800**		**13400**		**18700**		**25300**		**20400**	**J**				
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.3	UJ	< 1.4	UJ	< 1.5	UJ	< 1.4	U	**8.3**	**J**	< 1.2	UJ	< 1.2	UJ	< 1.4	UJ	4.7	J	< 2.2	UJ				
ARSENIC	7440-38-2	**19**	mg/kg	< 1.2	UJ	2.2	J	5.2	J	3	J	2.3	J	4.7	J	5.1	J	5.9	J	7.9	J	< 2.2	U				
BARIUM	7440-39-3	**1300**	mg/kg	41.2		45.7		14.4		392		58.2	J	57.1	J	60.6	J	241	J	**2020**	**J**	106					
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.3	J	0.27	J	0.09	J	**3**		0.12	J	0.24		0.23		0.32		0.26		< 0.56	U				
CADMIUM	7440-43-9	**1**	mg/kg	0.33		0.21		0.23		< 0.14	U	0.46	B	< 0.084	U	< 0.085	U	< 0.098	U	0.35		< 0.56	U				
CALCIUM METAL	7440-70-2		mg/kg	128300		159900		286400		63600		43600	J	23500	J	26400	J	77000	J	201000	J	26800					
CHROMIUM	7440-47-3		mg/kg	10500		9980		27600		5000		3100	J	470		463		5200		25400		31.7					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	6600		3600		8160		2010		2510	J	18.1		16.1		279		5310							R
COBALT	7440-48-4	**59**	mg/kg	**123**		**107**		**113**		34.8		**115**		20.3	J	21.5	J	**95.2**	**J**	**138**	**J**	21.6					
COPPER	7440-50-8	**7300**	mg/kg	32.8	J	18	J	5.2	J	64.1	J	44.3	J	143	J	161	J	40.3	J	84.8	J	175	J				
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	95600		80500		82400		29900		42200	J	29600		32700		65600		56900		38300					
IRON (FERROUS)	15438-31-0		mg/kg																	< 0.1	U						
LEAD	7439-92-1	**59**	mg/kg	43.7		29.7		11.7		25.4		**64.5**	**J**	47.2	J	45.3	J	**339**	**J**	**334**	**J**	4.4					
MAGNESIUM	7439-95-4		mg/kg	45600		45300		29200		6180		40000		10200		11500		33300		35800		20000					
MANGANESE	7439-96-5	**42**	mg/kg	**825**		**943**		**1300**		**275**		**779**	**J**	**374**		**418**		**741**		**962**		**559**					
MERCURY	7439-97-6	**0.1**	mg/kg	0.03		< 0.023	U	< 0.025	U	0.03		**0.24**	**J**	0.07		0.1		**0.76**		**0.11**		< 0.034	U				
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**508**		**446**		**439**		**95.8**		**453**	**J**	**35**		**35.8**		**375**		**558**		**43.6**	**J**				
POTASSIUM	7440-09-7		mg/kg	< 35.7	UJ	< 36.4	UJ	< 39.3	UJ	1360	J	179	J	1690		1740		200		166		< 560	U				
SELENIUM	7782-49-2	**7**	mg/kg	< 1.3	UJ	< 1.3	UJ	< 1.5	UJ	< 1.4	UJ	1.7	J	< 0.89	U	< 0.89	U	< 1	U	< 1.2	UJ	< 2.2	U				
SILVER	7440-22-4	**1**	mg/kg	< 0.33	U	< 0.34	U	< 0.36	U	< 0.34	U	< 0.32	UJ	< 0.3	U	< 0.3	U	0.55		< 0.39	U	< 1.1	U				
SODIUM	7440-23-5		mg/kg	482		708		804		3090		1360		1130		1160		568	BJ	1750		1290					
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U	< 1.3	U	< 1.5	U	< 1.4	U	< 1.3	U	< 0.99	U	< 0.99	U	< 1.2	U	< 1.3	UJ	< 1.1	U				
VANADIUM	7440-62-2		mg/kg	699		502		551		101		862	J	84.7		97		515		414		77.1	J				
ZINC	7440-66-6	**600**	mg/kg	351		357		**630**		166		342	J	125	J	153	J	403	J	**1390**	**J**	45.2	J				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location				137-B2		137-B2		137-B2		137-B2		137-B2		137-B3		137-B3		137-B3		137-B3	
				Depth interval				2 - 2.5 ft		2 - 2.5 ft		3.5 - 4 ft		3.5 - 4 ft		4.5 - 5 ft		4.5 - 5 ft		0.5 - 1 ft		0.7 - 1.2 ft		0.7 - 1.2 ft		1.5 - 2 ft		2.5 - 5 ft	
				Sample ID				137-B2B(2.0-2.5)		137-B2B(2.0-2.5)		137-B2C(3.5-4.0)		137-B2C(3.5-4.0)		137-B2D(4.5-5.0)		137-B2D(4.5-5.0)		PPG-137-B3A (0.5-1.0)		137B3A_0.7-1.2		137B3AD_0.7-1.2		137B3B_1.5-2.0		137B3C_2.5-5.0	
				Lab ID				J48200-6		J48200-6R		J48200-7		J48200-7R		J48200-8		J48200-8R		J43432-13		800995		800996		800997		800998	
				Date collected				12/5/2006 2:00:00 PM		12/5/2006 2:00:00 PM		12/5/2006 2:12:00 PM		12/5/2006 2:12:00 PM		12/5/2006 2:30:00 PM		12/5/2006 2:30:00 PM		10/10/2006 8:00:00 PM		1/18/2007 11:03:00 AM		1/18/2007 11:05:00 AM		1/18/2007 11:15:00 AM		1/18/2007 11:23:00 AM	
				Sample Type				N		N		N		N		N		N		N		N		FD		N		N	
				Depth to Groundwater				4.7		4.7		4.7		4.7		4.7		4.7		4.3		4.3		4.3		4.3		4.3	
				Excavated																									
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**19900**	**J**			**15600**	**J**			**27700**	**J**			**26300**		**10700**		**10800**		**6030**		**23900**	
ANTIMONY	7440-36-0	**6**	mg/kg	**14.7**	**J**			< 2.9	UJ			< 32	UJM			**36.9**	**J**	< 1.2	U	< 1.2	UJ	3.8		< 7.5	UJ
ARSENIC	7440-38-2	**19**	mg/kg	< 14	U			15.5				< 32	UM			< 28	UM	4.5	J	4.6	J	10.7	J	3	J
BARIUM	7440-39-3	**1300**	mg/kg	< 140	U			445				< 320	U			71.2		121		108		267		53.1	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 3.4	U			**3.6**				< 4.0	U			< 0.70	U	0.22	J	0.23	J	0.25	J	0.19	J
CADMIUM	7440-43-9	**1**	mg/kg	< 3.4	U			< 0.73	U			< 4.0	U			< 0.70	U	**2.3**		**2.2**		**6.9**		0.4	
CALCIUM METAL	7440-70-2		mg/kg	286000				68800				284000				291000	J	55200		52600		14300		286000	
CHROMIUM	7440-47-3		mg/kg	26600				2880				38500				30400	J	4820		4590		910		45700	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			18900				1290				17800		21200		574		843		3.5		19700	
COBALT	7440-48-4	**59**	mg/kg	**114**				29.1				**140**				**116**		40.8		43.6		11.9		**124**	
COPPER	7440-50-8	**7300**	mg/kg	< 17	UJ			64.2	J			< 20	UJ			24.2		323	J	99.5	J	276	J	19.5	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	40300				36700				51300				56100		30500		35600		33400		46200	
IRON (FERROUS)	15438-31-0		mg/kg																					< 0.1	U
LEAD	7439-92-1	**59**	mg/kg	< 14	U			14.8				< 16	U			< 28	U	**233**		**208**		**770**		50.3	
MAGNESIUM	7439-95-4		mg/kg	27500				4560				32900				35700		13100		14200		3570		29700	
MANGANESE	7439-96-5	**42**	mg/kg	**807**				**171**				**1010**				**881**		**471**		**424**		**337**		**922**	
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.041	U			0.059				< 0.053	U			< 0.046	U	**1**		**0.78**		**1.4**		0.03	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**476**	**J**			**98.9**	**J**			**593**	**J**			**471**	**J**	**169**		**188**		**75.5**		**545**	
POTASSIUM	7440-09-7		mg/kg	< 3400	U			3000				< 4000	U			< 700	U	400	J	313	J	574	J	< 39.5	UJ
SELENIUM	7782-49-2	**7**	mg/kg	< 14	U			< 2.9	U			< 32	U			< 28	U	< 1.2	UJ	< 1.2	U	< 1.1	UJ	< 7.3	UJ
SILVER	7440-22-4	**1**	mg/kg	< 6.8	U			< 1.5	U			< 8.1	U			< 1.4	U	0.38		< 0.29	UJ	**3**		< 0.37	U
SODIUM	7440-23-5		mg/kg	< 6800	U			1760				< 8100	U			3560		395		330		225		1060	
THALLIUM	7440-28-0	**3**	mg/kg	< 6.8	UM			< 1.5	U			< 8.1	UM			< 14	UM	< 1.2	U	< 1.2	U	< 1.1	U	< 1.5	U
VANADIUM	7440-62-2		mg/kg	172	J			41.1	J			226	J			431		151		162		59.5		274	
ZINC	7440-66-6	**600**	mg/kg	93.6	J			46.5	J			123	J			148		362		377		**1460**		**694**	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		137-B3		137-B4		137-B4		137-B4		137-B5		137-B5		137-B5		137-B6		137-B6		137-B6		137-B6	
				Depth interval		4 - 4.5 ft		0.6 - 1 ft		1.5 - 2 ft		2.6 - 3 ft		0.5 - 1 ft		4 - 4.5 ft		4 - 4.5 ft		0.2 - 0.7 ft		0.2 - 0.7 ft		0.7 - 1.2 ft		0.7 - 1.2 ft	
				Sample ID		PPG-137-B3B (4.0-4.5)		137B4A (0.6-1.0)		137B4B (1.5-2.0)		137B4C (2.6-3.0)		PPG-137-B5A (0.5-1.0)		PPG-137-B5B (4.0-4.5)		PPG-137-B5BD (4.0-4.5)		PPG-137-B7A (0.2-0.7)		PPG-137-B7A (0.2-0.7)		PPG-137-B7B (0.7-1.2)		PPG-137-B7B (0.7-1.2)	
				Lab ID		J43432-14		800610		800611		800612		J43432-1		J43432-2		J43432-3		J48085-1		J48085-1R		J48085-2		J48085-2R	
				Date collected		10/10/2006 8:10:00 PM		1/17/2007 1:30:00 PM		1/17/2007 1:42:00 PM		1/17/2007 1:59:00 PM		10/10/2006 6:00:00 PM		10/10/2006 6:15:00 PM		10/10/2006 6:20:00 PM		12/4/2006 1:50:00 PM		12/4/2006 1:50:00 PM		12/4/2006 2:10:00 PM		12/4/2006 2:10:00 PM	
				Sample Type		N		N		N		N		N		N		FD		N		N		N		N	
				Depth to Groundwater		4.3		4.1		4.1		4.1		4.7		4.7		4.7		4.9		4.9		4.9		4.9	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**27600**		**22400**		**12600**		**6560**		**29000**		**27800**		**30300**		**13300**	J			**28300**	J		
ANTIMONY	7440-36-0	**6**	mg/kg	**37.3**	J	1.4	J	**9.7**	J	**11.8**	J	< 32	UJM	< 30	UJ	< 32	UJM	< 2.1	UJ			< 29	UJ		
ARSENIC	7440-38-2	**19**	mg/kg	< 30	UM	9.6	J	**344**	J	**145**	J	< 32	UM	< 30	UM	< 32	UM	4.2				**29.7**			
BARIUM	7440-39-3	**1300**	mg/kg	47.5		137	J	**2470**	J	**5040**	J	43.2		46.2		57.3		103				< 290	U		
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.75	U	0.38		0.16		0.32		< 0.81	U	< 0.76	U	< 0.80	U	< 0.53	U			< 7.2	U		
CADMIUM	7440-43-9	**1**	mg/kg	< 0.75	U	< 0.1	U	**1.7**		**4.9**		< 0.81	U	< 0.76	U	< 0.80	U	**1.3**				< 7.2	U		
CALCIUM METAL	7440-70-2		mg/kg	290000	J	102100	J	75200	J	21200	J	279000		275000	J	296000	J	19000				175000			
CHROMIUM	7440-47-3		mg/kg	32500	J	7760		10400		8340		42400		32700	J	36300	J	747	J			15100	J		
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	25000		265		1180		267		25300		14600		13200				12.7				7200	
COBALT	7440-48-4	**59**	mg/kg	**129**		**111**	J	50.2	J	11.3	J	**137**		**142**		**155**		22.4				**143**			
COPPER	7440-50-8	**7300**	mg/kg	23.9		58.7	J	109	J	252	J	13.2		15.0		17.4		140				88.7			
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	56800		70400		32300		22000		50100		50500		55400		31000				80300			
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	< 30	U	**201**	J	**4490**	J	**4410**	J	< 32	U	33.1		39.6		51.1	J			**176**	J		
MAGNESIUM	7439-95-4		mg/kg	36600		42500		10400		6230		32100		33400		35900		10000				51500			
MANGANESE	7439-96-5	**42**	mg/kg	**900**		**796**		**461**		**510**		**965**		**992**		**1080**		**371**				**1060**			
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.049	U	**0.73**		**2.5**		**2.4**		< 0.049	U	< 0.048	U	< 0.052	U	0.067				**0.21**			
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**478**	J	**455**		**202**		**47.1**		**545**	J	**527**	J	**562**	J	**44.9**	J			**565**	J		
POTASSIUM	7440-09-7		mg/kg	< 750	U	275		292		753		< 810	U	< 760	U	< 800	U	1760				< 7200	U		
SELENIUM	7782-49-2	**7**	mg/kg	< 30	U	< 1.1	UJ	< 0.95	U	< 1.2	U	< 32	U	< 30	U	< 32	U	< 2.1	U			< 29	U		
SILVER	7440-22-4	**1**	mg/kg	< 1.5	U	< 0.35	U	< 0.32	U	0.51		< 1.6	U	< 1.5	U	< 1.6	U	< 1.1	U			< 14	U		
SODIUM	7440-23-5		mg/kg	4140		768	BJ	491	BJ	392	BJ	3060		4000		5070		1350				< 14000	U		
THALLIUM	7440-28-0	**3**	mg/kg	< 15	UM	< 1.2	U	< 1.1	U	< 1.3	U	< 16	UM	< 15	UM	< 16	UM	< 1.1	U			< 14	UM		
VANADIUM	7440-62-2		mg/kg	422		591		124		33.4		316		301		316		88.0	J			481	J		
ZINC	7440-66-6	**600**	mg/kg	167		295	J	**2970**	J	**3780**	J	175		111		121		199	J			362	J		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		137-B6		137-B6		137-B6		137-B6		137-B6		137-B6		137-B6		137-B8		137-B8		137-B8	
				Depth interval		0.9 - 1.3 ft		0.9 - 1.3 ft		2.5 - 3 ft		2.5 - 3 ft		4.2 - 4.7 ft		4.2 - 4.7 ft		4.5 - 5 ft		4.5 - 5 ft		1.2 - 1.4 ft		3.8 - 4.2 ft		3.8 - 4.2 ft	
				Sample ID		PPG-137-B6A (0.9-1.3)		PPG-137-B6A (0.9-1.3)		PPG-137-B6B (2.5-3.0)		PPG-137-B6B (2.5-3.0)		PPG-137-B6C (4.2-4.7)		PPG-137-B6C (4.2-4.7)		PPG-137-B7C (4.5-5.0)		PPG-137-B7C (4.5-5.0)		137B8A (1.2-1.4)		137B8B (3.8-4.2)		137B8BD (3.8-4.2)	
				Lab ID		J48085-4		J48085-4R		J48085-5		J48085-5R		J48085-6		J48085-6R		J48085-3		J48085-3R		802697		802698		802699	
				Date collected		12/4/2006 3:10:00 PM		12/4/2006 3:10:00 PM		12/4/2006 3:15:00 PM		12/4/2006 3:15:00 PM		12/4/2006 3:25:00 PM		12/4/2006 3:25:00 PM		12/4/2006 2:30:00 PM		12/4/2006 2:30:00 PM		1/25/2007		1/25/2007		1/25/2007	
				Sample Type		N		N		N		N		N		N		N		N		N		N		FD	
				Depth to Groundwater		4.9		4.9		4.9		4.9		4.9		4.9		4.9		4.9		4.9		4.9		4.9	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**23700**				**12200**	J			**30500**	J			**30000**	J			**20200**		**21200**		**22000**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 2.5	UJ			< 2.6	UJ			< 33	UJM			< 38	UJM			< 12.5	UJ	< 1.3	UJ	< 1.3	UJ
ARSENIC	7440-38-2	**19**	mg/kg	12.0				10.9				**55.1**				**47.5**				4.7	J	< 1.2	UJ	< 1.2	UJ
BARIUM	7440-39-3	**1300**	mg/kg	46.3				236				< 330	U			< 380	U			137		13.2		15	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.63	U			< 0.65	U			< 8.3	U			< 9.6	U			0.2	B	< 0.026	U	< 0.026	U
CADMIUM	7440-43-9	**1**	mg/kg	**3.5**				**1.3**				< 8.3	U			< 9.6	U			**2.2**		1		**1.1**	
CALCIUM METAL	7440-70-2		mg/kg	67800				23300				243000				281000				77600		19400		21600	
CHROMIUM	7440-47-3		mg/kg	3990				3990	J			34800	J			30800	J			6700	J	2490	J	2690	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			34.8				1660				5540				8520		1060		7.4	J	7.7	J
COBALT	7440-48-4	**59**	mg/kg	**154**				18.7				**206**				**191**				**97.5**		**134**		**146**	
COPPER	7440-50-8	**7300**	mg/kg	58.4				102				< 42	U			< 48	U			132	J	32.1	J	42.6	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	105000				20300				60300				52600				76600		98300		105200	
IRON (FERROUS)	15438-31-0		mg/kg																	< 0.1	U				
LEAD	7439-92-1	**59**	mg/kg	**110**	J			**24000**	J			**122**	J			< 38	UJ			**258**	J	29.7	J	35.3	J
MAGNESIUM	7439-95-4		mg/kg	38900				5870				37500				34800				32500		36900		40300	
MANGANESE	7439-96-5	**42**	mg/kg	**692**				**434**				**1430**				**1260**				**641**		**382**	J	**449**	J
MERCURY	7439-97-6	**0.1**	mg/kg	**0.38**				**4.6**				**0.49**				< 0.058	U			**0.48**	J	0.04	J	0.03	J
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**582**				**62.2**	J			**733**	J			**646**	J			**400**		**518**		**560**	
POTASSIUM	7440-09-7		mg/kg	< 630	U			1140				< 8300	U			< 9600	U			325	J	47	J	< 33.9	UJ
SELENIUM	7782-49-2	**7**	mg/kg	2.7				< 2.6	U			< 33	U			< 38	U			1.4		4.1		3.8	
SILVER	7440-22-4	**1**	mg/kg	< 1.3	U			< 1.3	U			< 17	U			< 19	U			< 0.3	U	< 0.31	U	< 0.31	U
SODIUM	7440-23-5		mg/kg	< 1300	U			< 1300	U			< 17000	U			< 19000	U			1250		3060		3370	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U			1.6				< 17	UM			< 19	UM			< 1.2	UJ	< 1.3	U	< 1.3	U
VANADIUM	7440-62-2		mg/kg	818	J			38.6	J			291	J			262	J			431		410		448	
ZINC	7440-66-6	**600**	mg/kg	313	J			**706**	J			163	J			138	J			433	J	235	J	269	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		137-B9		137-B9		137-MW1C		137-MW1C		137-MW1C		137-MW1C		137-MW2C		137-MW2C		137-MW2C		137-MW2C		143-B1	
				Depth interval		1 - 1.4 ft		3.2 - 3.4 ft		0.8 - 1.3 ft		2.6 - 3.1 ft		4.1 - 4.6 ft		5 - 5.5 ft		0.4 - 0.6 ft		0.4 - 0.6 ft		1.7 - 2.2 ft		1.7 - 2.2 ft		0.1 - 1 ft	
				Sample ID		137B9A_1.0-1.4		137B9B_3.2-3.4		PPG-137-1CA (0.8-1.3)		PPG-137-1CB (2.6-3.1)		PPG-137-1CC (4.1-4.6)		137-1CC_5.0-5.5		PPG-137-2CA(0.4-0.6)		PPG-137-2CA(0.4-0.6)		PPG-137-2CB(1.7-2.2)		PPG-137-2CB(1.7-2.2)		PPG-143-B1A (0.1-1.0)	
				Lab ID		800999		801000		J48874-9		J48874-10		J48874-11		812390		J48200-1		J48200-1R		J48200-2		J48200-2R		798757	
				Date collected		1/18/2007 12:54:00 PM		1/18/2007 12:59:00 PM		12/11/2006 2:57:00 PM		12/11/2006 3:05:00 PM		12/11/2006 3:10:00 PM		3/8/2007 9:55:00 AM		12/5/2006 10:30:00 AM		12/5/2006 10:30:00 AM		12/5/2006 10:45:00 AM		12/5/2006 10:45:00 AM		1/10/2007 10:50:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4.5		4.5		6.2		6.2		6.2		6.2		3.4		3.4		3.4		3.4		6.3	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**7190**		**27800**		**18300**		**27900**		**36300**		**26700**		**22400**	J			**28400**				**8460**	
ANTIMONY	7440-36-0	**6**	mg/kg	1.7	J	< 1.1	UJ	2.9	J	< 5.1	UJ	**32.7**	J	< 1.6	UJ	< 2.1	UJ			< 17	UJ			**59.3**	J
ARSENIC	7440-38-2	**19**	mg/kg	5.8		< 1	UJ	9.2		11.0		< 9.5	U	1.8		< 2.1	U			< 17	U			14.4	J
BARIUM	7440-39-3	**1300**	mg/kg	46.5		28.2		99.6		30.4		36.5		44.8		168				< 170	U			996	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.07	J	< 0.022	UJ	< 0.56	U	**1.6**		< 2.4	U	< 0.081	UJ	< 0.52	U			< 4.3	U			0.19	
CADMIUM	7440-43-9	**1**	mg/kg	0.43		0.72		**3.5**		**9.8**		**9.2**		< 0.11	U	< 0.52	U			< 4.3	U			**7.1**	
CALCIUM METAL	7440-70-2		mg/kg	26700		87700		38600		71900		136000		117500	J	36400				282000				32600	
CHROMIUM	7440-47-3		mg/kg	1650		5720		5350	J	7830	J	17100	J	10700	J	34.7				33300				1210	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	44.4		1110			R		R		R	458	J			< 1.1	U			13000		61.1	J
COBALT	7440-48-4	**59**	mg/kg	26.1		**144**		37.3		**158**		**183**		**113**		22.9				**139**				31.1	J
COPPER	7440-50-8	**7300**	mg/kg	26.6	J	48.5	J	61.0	J	61.5	J	120	J	34.4		108	J			< 21	U			**23500**	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	23300		106900		40400		120000		124000		79700		39700				101000				39000	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**337**		38.4		**59.1**		25.1		20.4		33.4		6.9				< 17	U			**3100**	J
MAGNESIUM	7439-95-4		mg/kg	8060		52000		26700		60800		86300		61800		20300				38300				8340	
MANGANESE	7439-96-5	**42**	mg/kg	**206**		**1050**		**516**		**850**		**1250**		**891**		**671**				**1960**				**484**	J
MERCURY	7439-97-6	**0.1**	mg/kg	**0.13**		< 0.016	U	0.061	J	0.049	J	< 0.050	UJ	< 0.019	UJ	< 0.033	U			< 0.052	U			**0.72**	J
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**105**		**540**		**191**	J	**694**	J	**834**	J	**520**		**42.4**	J			**566**	J			**200**	J
POTASSIUM	7440-09-7		mg/kg	282	J	40.8	J	680		< 630	U	< 800	U	173	J	< 520	U			< 4300	U			328	J
SELENIUM	7782-49-2	**7**	mg/kg	< 1.3	UJ	1.1	J	< 2.2	U	6.2		4.5		< 1.1	UJ	< 2.1	U			< 17	U			1.6	
SILVER	7440-22-4	**1**	mg/kg	< 0.32	U	< 0.27	U	< 1.1	U	< 1.3	U	< 1.6	U	< 0.38	U	< 1.0	U			< 8.6	U			**4.4**	
SODIUM	7440-23-5		mg/kg	228		1540		< 1100	U	3880		< 1600	U	1430		1090				< 8600	U			276	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U	< 1.1	U	< 1.1	U	< 2.5	U	< 8.0	UM	< 1.3	UJ	< 1.0	U			< 8.6	UM			< 1.2	U
VANADIUM	7440-62-2		mg/kg	118		1250		170		747		1060		760		83.9	J			539				190	J
ZINC	7440-66-6	**600**	mg/kg	138		341		114	J	305	J	305	J	224		43.2	J			375	J			**2530**	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		143-B1		143-B1		143-B1		143-B1		143-B1		143-B2		143-B2		143-B2		143-B3		143-B3	
				Depth interval		0.2 - 0.5 ft		0.2 - 0.5 ft		1 - 1.5 ft		1.3 - 1.8 ft		3.2 - 3.7 ft		5 - 5.5 ft		0.2 - 0.7 ft		3.8 - 4.3 ft		5 - 5.5 ft		0.2 - 0.7 ft		1.5 - 1.9 ft	
				Sample ID		PPG-143-B1A (0.2-0.5)		PPG-143-B1AD (0.2-0.5)		PPG-143-B1B (1.0-1.5)		PPG-143-B1B (1.3-1.8)		PPG-143-B1C (3.2-3.7)		PPG-143-B1C (5.0-5.5)		PPG-143-B2A (0.2-0.7)		PPG-143-B2B (3.8-4.3)		PPG-143-B2E (5.0-5.5)		PPG-143-B3A (0.2-0.7)		PPG-143-B3B (1.5-1.9)	
				Lab ID		798142		798143		798758		798144		798145		798759		798146		798147		798765		798407		798408	
				Date collected		1/8/2007 2:05:00 PM		1/8/2007 2:05:00 PM		1/10/2007 10:58:00 AM		1/8/2007 2:25:00 PM		1/8/2007 2:30:00 PM		1/10/2007 11:16:00 AM		1/8/2007 3:15:00 PM		1/8/2007 3:36:00 PM		1/10/2007 1:23:00 PM		1/9/2007 11:52:00 AM		1/9/2007 12:04:00 PM	
				Sample Type		N		FD		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		6.3		6.3		6.3		6.3		6.3		6.3		6.6		6.6		6.6		6.1		6.1	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**9000**	**J**	**9030**	**J**	**10500**		**15400**	**J**	**9860**	**J**	**5720**		**10900**	**J**	**8230**	**J**	**7730**		**6900**	**J**	**6430**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.3	UJ	< 1.3	UJ	< 1.1	UJ	**24**	**J**	< 1.4	UJ	< 1.3	UJ	< 1.4	UJ	< 1.4	UJ	< 1.2	UJ	1.8	J	1.1	J
ARSENIC	7440-38-2	**19**	mg/kg	6.1		6.3		4.3	J	18.3		3.6		3.9	J	2.6		3.2		5.3	J	4.3	J	5.2	J
BARIUM	7440-39-3	**1300**	mg/kg	123		190		68.7		**2190**		56.1		71		84.8		47.9		71.3		209	J	95.5	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.33	BJ	0.36	BJ	**0.66**		0.35	BJ	0.37	BJ	0.28		0.41	BJ	**0.77**		**0.51**		0.14	J	0.28	J
CADMIUM	7440-43-9	**1**	mg/kg	0.67	BJ	0.76	BJ	< 0.12	U	**57.4**	**J**	< 0.095	UJ	0.47		**10.6**	**J**	< 0.097	UJ	0.34		**7.1**		**5**	
CALCIUM METAL	7440-70-2		mg/kg	28100		25300		1080		3600		4460		24700		15400		1230		1940		6760	J	2210	J
CHROMIUM	7440-47-3		mg/kg	1200	J	1070	J	49.5	J	782	J	51.7	J	39.4	J	1720	J	51.5	J	345	J	233	J	705	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 112	UJM	41.6	J	10.7	J	134	J	4.4	J	< 2.59	UJ	30.6	J	3.7	J	19.5	J	3.7	J	5.4	J
COBALT	7440-48-4	**59**	mg/kg	58.5		51.9		6	J	11.9		5		3.2	J	**81.4**		6.1		5.9	J	13.2	J	7.8	J
COPPER	7440-50-8	**7300**	mg/kg	84		69.7		17.1	BJ	**10400**		40.9		38.3	J	91.5		16.1		94.1	J	154	J	42.3	J
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	52300	J	50400	J	16800	J	79700	J	17200	J	10900	J	60300	J	15200	J	16600	J	57100		17000	
IRON (FERROUS)	15438-31-0		mg/kg							< 1	U									< 1	U				
LEAD	7439-92-1	**59**	mg/kg	**490**	**J**	**355**	**J**	**62.5**	**J**	**2200**	**J**	53.6	J	**244**	**J**	**439**	**J**	**120**	**J**	**222**	**J**	**725**		**588**	
MAGNESIUM	7439-95-4		mg/kg	17400		15200		4260		2010		2780		2770		12700		3480		2090		5450	J	2600	J
MANGANESE	7439-96-5	**42**	mg/kg	**499**	**J**	**516**	**J**	**332**	**J**	**789**	**J**	**185**	**J**	**292**	**J**	**519**	**J**	**325**	**J**	**171**	**J**	**311**		**165**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.42**	**J**	**0.24**	**J**	**0.14**	**J**	**0.31**	**J**	**0.23**	**J**	**0.66**	**J**	**0.3**	**J**	0.05	J	**0.58**	**J**	**0.22**	**BJ**	**0.18**	**BJ**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**217**	**J**	**190**	**J**	10.3	J	**171**	**J**	11.2	J	8.8	J	**404**	**J**	11.6	J	10.4	J	**64.5**	**J**	**40.3**	**J**
POTASSIUM	7440-09-7		mg/kg	317	B	344	B	919	J	517	BJ	571	BJ	683	J	275	B	1180	BJ	903	J	930	J	658	J
SELENIUM	7782-49-2	**7**	mg/kg	< 0.94	U	< 0.97	U	< 1.1	U	1.1		< 1	U	< 1.2	U	< 1	U	1	B	1.5		< 1.6	U	< 1.1	U
SILVER	7440-22-4	**1**	mg/kg	< 0.31	U	< 0.32	U	< 0.28	U	**1.7**		< 0.33	U	< 0.31	U	< 0.35	U	< 0.34	U	< 0.3	U	**3.5**		< 0.27	U
SODIUM	7440-23-5		mg/kg	380	B	397	B	117		192	B	263	B	189		498	B	272	B	299		713		132	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.1	UJ	< 1.1	UJ	< 1.1	U	< 1.2	UJ	< 1.1	UJ	< 1.2	U	< 1.2	UJ	< 1.1	UJ	< 1.2	U	< 1.6	U	< 1.1	U
VANADIUM	7440-62-2		mg/kg	366		304		29.8	J	33.9		24.3		18.4	J	428		35.7		25.4	J	72.5	J	35.7	J
ZINC	7440-66-6	**600**	mg/kg	490		532		53.5		**4220**		112		459		**1220**		96		453		**668**		251	

Appendix I2 Table I2-1

Soil Analytical Results - Metals and Cyanide

Compared to NJDEP Default Impact to Groundwater Soil Screening Levels

PPG Industries, Jersey City, New Jersey

Remedial Investigation Report - Soil

Location				143-B3		143-B3		143-B4		143-B4		143-B4	
Depth interval				2.4 - 2.8 ft		3.5 - 4 ft		0.5 - 1 ft		1.5 - 2 ft		4.6 - 5.1 ft	
Sample ID				PPG-143-B3C (2.4-2.8)		PPG-143-B3D (3.5-4.0)		143B4A_0.5-1.0		143B4B_1.5-2.0		143B4C_4.6-5.1	
Lab ID				798409		798410		806766		806767		806768	
Date collected				1/9/2007 12:08:00 PM		1/9/2007 12:18:00 PM		2/9/2007 12:15:00 PM		2/9/2007 12:23:00 PM		2/9/2007 12:30:00 PM	
Sample Type				N		N		N		N		N	
Depth to Groundwater				6.1		6.1		5.7		5.7		5.7	
Excavated													
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**16300**	**J**	**8710**	**J**	**8860**		**5180**		3740	
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.4	UJ	< 1.5	UJ	< 1.3	UJ	< 1.3	UJ	< 1.5	UJ
ARSENIC	7440-38-2	**19**	mg/kg	< 1.3	UJ	5.3	J	7.7		6		9.8	
BARIUM	7440-39-3	**1300**	mg/kg	43.2	J	90.1	J	187		147		65.1	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.029	UJ	**0.58**		0.23	J	0.28	J	0.24	J
CADMIUM	7440-43-9	**1**	mg/kg	0.83		0.67		**1.3**		< 0.092	U	< 0.1	U
CALCIUM METAL	7440-70-2		mg/kg	58100	J	6460	J	26200	J	5120	J	2150	J
CHROMIUM	7440-47-3		mg/kg	4810	J	324	J	2550		275		62.9	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	1530	J	30.8	J	37.3		6.8		< 2.62	UJ
COBALT	7440-48-4	**59**	mg/kg	**151**	**J**	13.8	J	46.6		5.4		5.1	
COPPER	7440-50-8	**7300**	mg/kg	12.6	J	46.7	J	82.8	J	40	J	34.9	J
CYANIDE	57-12-5	**13**	mg/kg										
IRON	7439-89-6		mg/kg	86600		28100		48100	J	17400	J	25000	J
IRON (FERROUS)	15438-31-0		mg/kg										
LEAD	7439-92-1	**59**	mg/kg	**74.3**		**139**		**510**	**J**	**284**	**J**	**317**	**J**
MAGNESIUM	7439-95-4		mg/kg	65800	J	5640	J	18500		1920		854	
MANGANESE	7439-96-5	**42**	mg/kg	**720**		**382**		**454**	**J**	**224**	**J**	**304**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.02	UJ	**0.35**	**J**	**0.92**		**0.4**		**0.31**	
MOLYBDENUM	7439-98-7		mg/kg										
NICKEL	7440-02-0	**31**	mg/kg	**554**	**J**	**43.9**	**J**	**137**		17.1		11.7	
POTASSIUM	7440-09-7		mg/kg	< 37	UJ	1310	J	639	J	635	J	374	J
SELENIUM	7782-49-2	**7**	mg/kg	< 2.1	U	< 1.5	U	0.95		< 0.97	U	< 1.1	U
SILVER	7440-22-4	**1**	mg/kg	< 0.34	U	< 0.36	U	< 0.32	U	0.37		< 0.37	U
SODIUM	7440-23-5		mg/kg	573		332		682	BJ	433	BJ	213	B
THALLIUM	7440-28-0	**3**	mg/kg	< 1.4	U	< 1.5	U	< 1.1	U	< 1.1	U	< 1.2	U
VANADIUM	7440-62-2		mg/kg	1160	J	85	J	201		23.7		14.8	
ZINC	7440-66-6	**600**	mg/kg	295		177		389		256		298	

Location				143-B5		143-B5		143-B5		143-B5		143-B6		143-B6	
Depth interval				1 - 1.5 ft		2 - 2.5 ft		2.9 - 3.4 ft		3.5 - 4.1 ft		0.2 - 0.8 ft		1.3 - 1.7 ft	
Sample ID				PPG-143-B5A (1.0-1.5)		PPG-143-B5B (2.0-2.5)		PPG-143-B5C (2.9-3.4)		PPG-143-B5D (3.5-4.1)		PPG-143-B6A (0.2-0.8)		PPG-143-B6B (1.3-1.7)	
Lab ID				798411		798412		798413		798414		798403		798404	
Date collected				1/9/2007 1:50:00 PM		1/9/2007 1:55:00 PM		1/9/2007 2:02:00 PM		1/9/2007 2:07:00 PM		1/9/2007 10:25:00 AM		1/9/2007 10:35:00 AM	
Sample Type				N		N		N		N		N		N	
Depth to Groundwater				5.4		5.4		5.4		5.4		5.5		5.5	
Excavated															
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**4910**	**J**	**7040**	**J**	3530	J	**6800**	**J**	1630	J	**13000**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.1	UJ	< 1.7	UJ	< 1.3	UJ	< 1.1	UJ	< 1.1	UJ	< 1.2	UJ
ARSENIC	7440-38-2	**19**	mg/kg	5.7	J	6.2	J	7.3	J	4.8	J	6.9	J	< 1.1	UJ
BARIUM	7440-39-3	**1300**	mg/kg	107	J	47.7	J	266	J	50.8	J	84.5	J	111	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.19	J	0.27	J	0.14	J	**0.54**		0.15	J	< 0.025	UJ
CADMIUM	7440-43-9	**1**	mg/kg	**2.5**		0.21		0.3		< 0.12	U	**9.7**		**3.3**	
CALCIUM METAL	7440-70-2		mg/kg	991	J	1880	J	5860	J	1360	J	1400	J	38900	J
CHROMIUM	7440-47-3		mg/kg	133	J	35.9	J	175	J	15.1	J	129	J	3720	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	25.2	J	< 2.37	UJ	< 2.71	UJ	< 2.31	UJ	14.3	J	1100	J
COBALT	7440-48-4	**59**	mg/kg	4.9	J	10.9	J	11.9	J	5.1	J	4.6	J	**119**	**J**
COPPER	7440-50-8	**7300**	mg/kg	88.9	J	61.6	J	40.9	J	13.5	J	40.7	J	162	J
CYANIDE	57-12-5	**13**	mg/kg												
IRON	7439-89-6		mg/kg	20100		55800		13300		13000		4220		80200	
IRON (FERROUS)	15438-31-0		mg/kg												
LEAD	7439-92-1	**59**	mg/kg	**332**		**100**		**247**		**69.7**		**181**		**399**	
MAGNESIUM	7439-95-4		mg/kg	648	J	656	J	32500	J	2400	J	321	J	45800	J
MANGANESE	7439-96-5	**42**	mg/kg	**236**		**876**		**560**		**306**		25.3		**616**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.28**	**J**	**0.23**	**BJ**	**0.38**	**J**	**0.38**	**J**	0.07	B	0.1	BJ
MOLYBDENUM	7439-98-7		mg/kg												
NICKEL	7440-02-0	**31**	mg/kg	**40.9**	**J**	17.4	J	**173**	**J**	10.3	J	**38**	**J**	**543**	**J**
POTASSIUM	7440-09-7		mg/kg	408		630	J	450	J	1030	J	261	J	36.9	J
SELENIUM	7782-49-2	**7**	mg/kg	1.1		< 1.7	U	< 1.3	U	< 1.1	U	< 1	U	< 1.2	U
SILVER	7440-22-4	**1**	mg/kg	< 0.28	U	< 0.43	U	< 0.32	U	< 0.28	U	< 0.26	U	< 0.3	U
SODIUM	7440-23-5		mg/kg	179		213		197		221		206		582	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.1	U	2.4	B	< 1.3	U	< 1.1	U	< 1	U	< 1.8	U
VANADIUM	7440-62-2		mg/kg	28.9	J	29.7	J	16.5	J	23.6	J	27	J	863	J
ZINC	7440-66-6	**600**	mg/kg	210		84.8		184		138		84.2		419	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		143-B6		143-B6		143-B7		143-B7		143-B7		143-B7		143-B8		143-B8		186-B1		186-B1		186-B1	
				Depth interval		2.9 - 3.4 ft		4.4 - 4.9 ft		0.4 - 0.8 ft		0.4 - 0.8 ft		1.8 - 2.4 ft		3.2 - 3.5 ft		0.4 - 0.8 ft		2.3 - 2.7 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft	
				Sample ID		PPG-143-B6C (2.9-3.4)		PPG-143-B6D (4.4-4.9)		PPG-143-B7A (0.4-0.8)		PPG-143-B7AD (0.4-0.8)		PPG-143-B7B (1.8-2.4)		PPG-143-B7C (3.2-3.5)		PPG-143-B8A (0.4-0.8)		PPG-143-B8B (2.3-2.7)		186-B1-0.5		186-B1-2.0		186-B1-2.5	
				Lab ID		798405		798406		798396		798397		798398		798399		798400		798401		460-25986-1		460-25986-2		460-25986-3	
				Date collected		1/9/2007 10:50:00 AM		1/9/2007 10:48:00 AM		1/9/2007 8:48:00 AM		1/9/2007 8:50:00 AM		1/9/2007 9:07:00 AM		1/9/2007 9:22:00 AM		1/9/2007 9:43:00 AM		1/9/2007 9:52:00 AM		4/30/2011 1:25:00 PM		4/30/2011 1:35:00 PM		4/30/2011 1:40:00 PM	
				Sample Type		N		N		N		FD		N		N		N		N		N		N		N	
				Depth to Groundwater		5.5		5.5		5.6		5.6		5.6		5.6		5.4		5.4		5.9		5.9		5.9	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**6060**	**J**	**5620**	**J**	**6120**	**J**	**5720**	**J**	**5240**	**J**	**22000**	**J**	**8130**	**J**	**6810**	**J**								
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.2	UJ	< 1.2	UJ	< 1.1	UJ	1.1	J	< 1.1	UJ	2.3	J	< 1.1	UJ	2.9	J							< 1.0	UJ
ARSENIC	7440-38-2	**19**	mg/kg	10.3	J	2.5	J	3.4	J	5.9	J	5.6	J	3.9	J	4.4	J	9.4	J								
BARIUM	7440-39-3	**1300**	mg/kg	334	J	66.1	J	86.7	J	78.1	J	160	J	73.5	J	144	J	507	J								
BERYLLIUM	7440-41-7	**0.5**	mg/kg	0.37	J	**0.53**		0.26	J	0.21	J	0.18	J	0.41	J	0.38		0.39	J								
CADMIUM	7440-43-9	**1**	mg/kg	**1.4**		< 0.12	U	**1.5**		**1.5**		**3.2**		**1.2**		**4.1**		**2.2**									
CALCIUM METAL	7440-70-2		mg/kg	3940	J	3940	J	52600	J	56200		46100	J	98000	J	32300	J	12400	J								
CHROMIUM	7440-47-3		mg/kg	365	J	19.7	J	83.7	J	72.7	J	407	J	10700	J	45.5	J	104	J								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	11.8	J	< 2.36	UJ	4.2	J	5	j	9.8	J	496	J	3.7	J	< 2.49	UJ	0.88	J			< 0.57	UJ		
COBALT	7440-48-4	**59**	mg/kg	7.3	J	4.8	J	7	J	6.6	J	14.8	J	**73.5**	**J**	7.1	J	6.5	J								
COPPER	7440-50-8	**7300**	mg/kg	110	J	11	J	167	J	96.8	J	304	J	28.9	J	144	J	117	J								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	16800		12400		20600		20600		31300		42600		23200		22700									
IRON (FERROUS)	15438-31-0		mg/kg									< 0.1	U														
LEAD	7439-92-1	**59**	mg/kg	**576**		35.8		**370**		**315**		**470**		**137**		**305**		**700**									
MAGNESIUM	7439-95-4		mg/kg	2260	J	2690	J	8440	J	4600	J	6560	J	62700	J	4450	J	1740	J								
MANGANESE	7439-96-5	**42**	mg/kg	**171**		**268**		**187**		**167**		**249**		**620**		**255**		**253**									
MERCURY	7439-97-6	**0.1**	mg/kg	**0.36**	**J**	< 0.017	UJ	**0.25**	**J**	**0.27**		**0.3**	**J**	**0.77**	**J**	**0.3**	**J**	**0.31**	**J**								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	26.3	J	9.8	J	27.2	J	25.3	J	**64.2**	**J**	**411**	**J**	**241**	**J**	28.6	J							14.5	
POTASSIUM	7440-09-7		mg/kg	639	J	932	J	973	J	859	J	728	J	100	J	2380		608	J								
SELENIUM	7782-49-2	**7**	mg/kg	< 1.2	U	< 1.1	U	< 1.1	U	< 1	U	< 1.1	U	< 1.6	U	< 1.1	U	1.5									
SILVER	7440-22-4	**1**	mg/kg	< 0.31	U	< 0.28	U	< 0.26	U	0.29		0.87		< 0.39	U	0.88		0.77									
SODIUM	7440-23-5		mg/kg	354		140		515		471		530		865		301		220									
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 1.1	U	< 1.6	U	< 1	U	< 1.1	U	< 1.6	U	< 1.1	U	< 1.2	U								
VANADIUM	7440-62-2		mg/kg	46.2	J	21.1	J	45.4	J	37.8	J	116	J	291	J	27.8	J	27.7	J							23.0	
ZINC	7440-66-6	**600**	mg/kg	**825**		73.4		245		250		387		437		536		**771**									

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	186-B1		186-B2		186-B2		186-B2		186-B2		186-B2		186-B3		186-B3		186-B3		186-B3		186-B3			
			Depth interval	4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		6 - 6.5 ft			
			Sample ID	186-B1-4.0		186-B2-0.5		186-B2-2.0		186-B2-2.5		186-B2-4.0		186-B2-6.0		186-B3-0.5		186-B3-2.0		186-B3-2.5		186-B3-4.0		186-B3-6.0			
			Lab ID	460-25986-4		460-25986-5		460-25986-6		460-25986-7		460-25986-8		460-25986-20		460-25986-9		460-25986-10		460-25986-11		460-25986-12		460-25986-23			
			Date collected	4/30/2011 1:45:00 PM		4/30/2011 2:10:00 PM		4/30/2011 2:20:00 PM		4/30/2011 2:25:00 PM		4/30/2011 2:35:00 PM		4/30/2011 3:45:00 PM		4/30/2011 2:45:00 PM		4/30/2011 3:05:00 PM		4/30/2011 3:10:00 PM		4/30/2011 3:15:00 PM		4/30/2011 4:15:00 PM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	5.9		6.5		6.5		6.5		6.5		6.5		7.9		7.9		7.9		7.9		7.9			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg							< 1.0	UJ									< 1.0	UJ						
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg																								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	0.74	J	0.99	J	< 0.57	UJ			< 0.58	UJ	< 0.62	UJ	< 0.59	UJ	< 0.57	UJ			0.85	J	< 0.61	UJ		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg							13.6										26.6							
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg																								
VANADIUM	7440-62-2		mg/kg							33.2										56.0							
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	186-B4		186-B4		186-B4		186-B4		186-B4		6AA		6AA		6AA		6AA		A4		A4	
			Depth interval	0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		6 - 6.5 ft		4 - 7 ft		4 - 7 ft		4 - 7 ft		4 - 7 ft		0.8 - 1.4 ft		1.4 - 1.7 ft	
			Sample ID	186-B4-0.5		186-B4-2.0		186-B4-2.5		186-B4-4.0		186-B4-6.0		6AAS1A		6AAS1B		6AAS1C		6AAS1CD		A4S0.8		A4S1.4	
			Lab ID	460-25986-13		460-25986-14		460-25986-15		460-25986-16		460-25986-26		J12216-1		J12216-2		J12216-3		J12216-4		666216		666217	
			Date collected	4/30/2011 3:40:00 PM		4/30/2011 3:50:00 PM		4/30/2011 3:55:00 PM		4/30/2011 4:15:00 PM		4/30/2011 4:45:00 PM		10/10/2005 9:10:00 AM		10/10/2005 9:10:00 AM		10/10/2005 9:10:00 AM		10/10/2005 9:10:00 AM		8/21/2003 8:30:00 AM		8/21/2003 8:35:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		FD		N		N	
			Depth to Groundwater	8.7		8.7		8.7		8.7		8.7		5.3		5.3		5.3		5.3		5.2		5.2	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg											**33900**		**36300**		**35500**		**32900**		3		**14500**	
ANTIMONY	7440-36-0	**6**	mg/kg					1.6	J					< 10	U	< 9.6	U	< 9.2	U	< 9.4	U	**13.3**		**8.4**	
ARSENIC	7440-38-2	**19**	mg/kg											**22.2**		**25.7**		**22.3**		**22.5**		7.3		6	
BARIUM	7440-39-3	**1300**	mg/kg											76.3		76.1		79.5		74.2		130		163	
BERYLLIUM	7440-41-7	**0.5**	mg/kg											< 1.0	U	< 0.96	U	< 0.92	U	< 0.94	U	< 0.03	U	< 0.05	U
CADMIUM	7440-43-9	**1**	mg/kg											< 5.0	U	< 4.8	U	< 4.6	U	< 4.7	U	0.74		< 0.54	U
CALCIUM METAL	7440-70-2		mg/kg											255000		263000		257000		250000		11800		28400	
CHROMIUM	7440-47-3		mg/kg											26100		26800		26700		25000		1130		1340	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.58	UJ	< 0.62	UJ			< 0.57	UJ	< 0.60	UJ	7590	J	8810	J	7690	J	8150	J	46.7			
COBALT	7440-48-4	**59**	mg/kg											**135**		**147**		**143**		**132**		23		32.8	
COPPER	7440-50-8	**7300**	mg/kg											28.5		28.6		27.3		28.3		87.1		99.8	
CYANIDE	57-12-5	**13**	mg/kg																					< 1.13	U
IRON	7439-89-6		mg/kg											65900		70100		69300		65500		28600		41400	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg											< 10	U	< 9.6	U	< 9.2	U	< 9.4	U	**762**		**222**	
MAGNESIUM	7439-95-4		mg/kg											43300		47100		45700		41900		8590		11000	
MANGANESE	7439-96-5	**42**	mg/kg											**1200**		**1310**		**1270**		**1170**		**386**		**594**	
MERCURY	7439-97-6	**0.1**	mg/kg											< 0.062	U	< 0.062	U	< 0.055	U	< 0.057	U	**0.56**		**0.57**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg					**31.8**						**714**		**776**		**755**		**695**		**69.1**		**108**	
POTASSIUM	7440-09-7		mg/kg											< 1000	U	< 960	U	< 920	U	< 940	U	1290		1410	
SELENIUM	7782-49-2	**7**	mg/kg											< 10	U	< 9.6	U	< 9.2	U	< 9.4	U	0.63		1.2	
SILVER	7440-22-4	**1**	mg/kg											< 2.0	U	< 1.9	U	< 1.8	U	< 1.9	U	< 1.1	U	< 1.1	U
SODIUM	7440-23-5		mg/kg											2140		2250		2020		2010		613		777	
THALLIUM	7440-28-0	**3**	mg/kg											< 10	UM	< 9.6	UM	< 9.2	UM	< 9.4	UM	< 1.2	U	< 1.9	U
VANADIUM	7440-62-2		mg/kg					32.4						567		605		598		541		158		182	
ZINC	7440-66-6	**600**	mg/kg											246		267		261		240		362		333	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		A4		A4		A5		A5		A5		A5		A6		A6		A6		A6	
				Depth interval		5 - 5.5 ft		5 - 5.5 ft		2 - 2.5 ft		2 - 2.5 ft		4 - 4.5 ft		4 - 4.5 ft		5 - 5.5 ft		0 - 0.5 ft		1.5 - 2 ft		1.5 - 2 ft		4 - 4.5 ft	
				Sample ID		A4DS5		A4S5.0		A5S-2		A5S-2.0		A5S-4		A5S-4.0		A5S-5		A6S-0		A6S-1		A6S-1.5		A6S-4	
				Lab ID		666219		666218		708370		665802		707899		665804		665822		668994		708530		668995		668996	
				Date collected		8/21/2003 8:45:00 AM		8/21/2003 8:40:00 AM		8/20/2003 4:20:00 PM		8/20/2003 4:20:00 PM		8/20/2003 5:03:00 PM		8/20/2003 5:03:00 PM		8/20/2003 5:15:00 PM		9/2/2003 3:55:00 PM		9/2/2003 4:00:00 PM		9/2/2003 4:00:00 PM		9/2/2003 4:38:00 PM	
				Sample Type		FD		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.2		5.2		5.5		5.5		5.5		5.5		5.5		5.4		5.4		5.4		5.4	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**7060**		**7040**				**5580.00**	**J**			**38000.00**	**J**	**11200**	**J**	**7290**				**10100**		**8540**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 6.9	U	< 6.6	U			4.30	J			**58.80**		5.60	B	**14.7**	**J**			< 0.45	UJ	< 0.44	UJ
ARSENIC	7440-38-2	**19**	mg/kg	1.5		2.2		5.3	J			9.6	J				R	**103**	**J**			3.4	J	5.6	J
BARIUM	7440-39-3	**1300**	mg/kg	51		41.8				23.00	J			80.30	J	108	J	144				72.9		70.4	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.01	U	< 0.01	U			< 0.01	U			< 1.3	U	< 0.01	U	< 0.01	UJ			< 0.01	UJ	< 0.01	UJ
CADMIUM	7440-43-9	**1**	mg/kg	< 0.57	U	< 0.55	U			< 0.58	U			< 0.65	U	< 0.62	U	**1.7**				< 0.59	U	< 0.57	U
CALCIUM METAL	7440-70-2		mg/kg	3960		4630				21200	J			88900.00	J	6340	J	8990				1680		2650	
CHROMIUM	7440-47-3		mg/kg	487		475				984.00	J			11900	J	1150	J	1260	J			95	J	76.2	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg							131	J			1210	J	56.7	J	36.4	J					< 4.67	UJ
COBALT	7440-48-4	**59**	mg/kg	5.9		6.3				7.60				**125**		< 6.2	U	16.5				< 5.9	U	6.8	
COPPER	7440-50-8	**7300**	mg/kg	13.7		14.8				3.50	J			16.6	J	22.80	J	114	J			11.3	J	24.8	J
CYANIDE	57-12-5	**13**	mg/kg	< 1.16	U	< 1.13	U															< 1.23	U		
IRON	7439-89-6		mg/kg	13700		13900				10900	J			90200.00	J	15700	J	28300	J			15500	J	15500	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	43.9		42.6				12.30	J			**95.50**	**J**	**241**	**J**	**663**	**J**			**74**	**J**	**69.7**	**J**
MAGNESIUM	7439-95-4		mg/kg	3000		3210				4560	J			64100	J	2760	J	4380	J			1750	J	2700	J
MANGANESE	7439-96-5	**42**	mg/kg	**197**		**225**				**96.70**	**J**			**775.00**	**J**	**157**	**J**	**294**	**J**			**180**	**J**	**250**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	0.1		0.07				0.04	J			**0.39**	**J**	**0.13**	**J**	**0.77**				**0.13**		**0.16**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	10.4		10.7				**31.9**	**J**			**532.00**	**J**	11.6	J	**66.6**	**J**			8.1	J	12.6	J
POTASSIUM	7440-09-7		mg/kg	1090		1100				424.00	J			463.00	J	1110	J	605				852		1100	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.57	U	< 0.55	U			< 0.58	U			< 0.65	U	< 0.62	U	< 0.63	U			< 0.59	U	< 0.57	U
SILVER	7440-22-4	**1**	mg/kg	< 1.1	U	< 1.1	U			< 1.2	U			< 3.9	U	< 1.2	U	< 1.3	UJ			< 1.2	UJ	< 1.1	UJ
SODIUM	7440-23-5		mg/kg	392		374				502.00				6760.00		2730		539	J			342	J	418	J
THALLIUM	7440-28-0	**3**	mg/kg	< 0.4	U	< 0.77	U			< 0.41	U			< 1.4	U	< 0.43	U	< 1.3	U			< 1.2	U	< 1.2	U
VANADIUM	7440-62-2		mg/kg	23.6		25.2				41.1	J			1080	J	26	J	115	J			24.4	J	25.4	J
ZINC	7440-66-6	**600**	mg/kg	165		175				25.80	J			253.00	J	61.1	J	477	J	83.7					R

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	AA5		AA5		AA5		AA5		AE-1		AE-1		AE-1		AE-1		AE-2		AE-2		AE-2	
			Depth interval	0 - 0.5 ft		0.5 - 1 ft		3 - 3.5 ft		4.5 - 5 ft		1.5 - 2 ft		1.5 - 2 ft		3.5 - 4 ft		3.5 - 4 ft		1.5 - 2 ft		1.5 - 2 ft		3.5 - 4 ft	
			Sample ID	AA5S-0		AA5S-.5		AA5S-3		AA5S-4		AE-1(1.5-2.0)		R-AE-1(1.5-2.0)		AE-1(3.5-4.0)		R-AE-1(3.5-4.0)		AE-2(1.5-2.0)		AE-D-2(1.5-2.0)		AE-2(3.5-4.0)	
			Lab ID	669000		669001		669002		669003		JA79968-5		JA80162-15		JA79968-7		JA80162-16		JA80162-10		JA80162-11		JA80162-12	
			Date collected	9/2/2003 5:50:00 PM		9/2/2003 5:55:00 PM		9/2/2003 6:00:00 PM		9/2/2003 6:02:00 PM		7/1/2011 8:30:00 AM		7/6/2011 1:25:00 PM		7/1/2011 8:45:00 AM		7/6/2011 1:45:00 PM		7/6/2011 9:14:00 AM		7/6/2011 9:16:00 AM		7/6/2011 9:21:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		FD		N	
			Depth to Groundwater	5.9		5.9		5.9		5.9		4.5		4.5		4.5		4.5		4.5		4.5		4.5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**9060**		**7300**		**9940**		**9770**															
ANTIMONY	7440-36-0	**6**	mg/kg	3.3	B	2.6	B	0.84	B	1.1	B														
ARSENIC	7440-38-2	**19**	mg/kg	8.5	J	6.7	J	12.4	J	5.1	J														
BARIUM	7440-39-3	**1300**	mg/kg	114		101		68.1		85.2															
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.01	UJ	< 0.01	UJ	< 0.01	UJ	< 0.01	UJ														
CADMIUM	7440-43-9	**1**	mg/kg	0.87		< 0.54	U	< 0.59	U	< 0.58	U														
CALCIUM METAL	7440-70-2		mg/kg	4010		1870		3220		2390															
CHROMIUM	7440-47-3		mg/kg	291	J	233	J	74.8	J	107	J	39.9		418	J	37.1		226	J	94.7	J	114	J	105	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	7.6	J	37.3	J			< 4.8	UJ	2.5		62.0	J	0.75		29.0	J	3.9	J	9.7	J	7.1	J
COBALT	7440-48-4	**59**	mg/kg	8.3		7.8		6		< 5.8	U														
COPPER	7440-50-8	**7300**	mg/kg	50	J	37	J	29.5	J	26.8	J														
CYANIDE	57-12-5	**13**	mg/kg					< 1.21	U																
IRON	7439-89-6		mg/kg	16100	J	16100	J	12500	J	13400	J														
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**340**	**J**	**274**	**J**	**91.3**	**J**	**125**	**J**														
MAGNESIUM	7439-95-4		mg/kg	2870	J	2880	J	2510	J	2380	J														
MANGANESE	7439-96-5	**42**	mg/kg	**252**	**J**	**311**	**J**	**256**	**J**	**274**	**J**														
MERCURY	7439-97-6	**0.1**	mg/kg	**1.2**		**0.51**		**0.16**		**0.64**															
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	26.2	J	18.4	J	10.4	J	10.4	J														
POTASSIUM	7440-09-7		mg/kg	794		982		732		773															
SELENIUM	7782-49-2	**7**	mg/kg	< 0.59	U	< 0.54	U	< 0.59	U	< 0.58	U														
SILVER	7440-22-4	**1**	mg/kg	< 1.2	UJ	< 1.1	UJ	< 1.2	UJ	< 1.2	UJ														
SODIUM	7440-23-5		mg/kg	159	J	129	J	531	J	345	J														
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 1.1	U	< 1.2	U	< 1.2	U														
VANADIUM	7440-62-2		mg/kg	50.4	J	37.5	J	34.1	J	30.9	J														
ZINC	7440-66-6	**600**	mg/kg	236	J	265	J	164	J	173	J														

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	AE-3		AE-3		AE-4		AE-4		AE-4		AE-5		AE-5		AE-5		B1001		B1001		B1001	
			Depth interval	2.4 - 2.9 ft		3.5 - 4 ft		1.5 - 2 ft		3.5 - 4 ft		5 - 5.5 ft		2 - 2.5 ft		3.5 - 4 ft		5 - 5.5 ft		0 - 0.5 ft		2.8 - 3.3 ft		4 - 4.5 ft	
			Sample ID	AE-3(2.4-2.9)		AE-3(3.5-4.0)		AE-4(1.5-2.0)		AE-4(3.5-4.0)		AE-4(5.0-5.5)		AE-5(2.0-2.5)		AE-5(3.5-4.0)		AE-5(5.0-5.5)		B1001-0		B1001-2		B1001-4	
			Lab ID	JA79968-1		JA79968-2		JA80285-8		JA80285-12		JA80285-18		JA80285-3		JA80285-6		JA80285-7		664553		664555		664556	
			Date collected	6/30/2011 2:42:00 PM		6/30/2011 2:47:00 PM		7/7/2011 9:55:00 AM		7/7/2011 10:38:00 AM		7/7/2011 12:58:00 PM		7/7/2011 8:15:00 AM		7/7/2011 8:47:00 AM		7/7/2011 8:55:00 AM		8/15/2003		8/15/2003		8/15/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.9		4.9		5.2		5.2		5.2		5.5		5.5		5.5		4.2		4.2		4.2	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																	**9840**		**7370**		**8480**	
ANTIMONY	7440-36-0	**6**	mg/kg																	**15.8**	**N**	< 6.9	UN	< 7	UN
ARSENIC	7440-38-2	**19**	mg/kg																	< 1.2	UN	6.1	N	14	N
BARIUM	7440-39-3	**1300**	mg/kg																	307		89.8		191	
BERYLLIUM	7440-41-7	**0.5**	mg/kg																	< 1.8	U	< 0.57	U	< 0.59	U
CADMIUM	7440-43-9	**1**	mg/kg																	**1.6**		0.67		**1.9**	
CALCIUM METAL	7440-70-2		mg/kg																	22700	*	23100	*	24900	*
CHROMIUM	7440-47-3		mg/kg	752		558		2290	J	8180	J	6660	J	4420	J	349	J	3580	J	2340	*	572	*	770	*
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	24.8		19.7		30.8	J	85.5	J	608	J	73.1	J	0.60	J	117	J	< 5.01	UJ	17.6	J	9.84	J
COBALT	7440-48-4	**59**	mg/kg																	32.1		14.2		20.9	
COPPER	7440-50-8	**7300**	mg/kg																	152	N	79.3	N	190	N
CYANIDE	57-12-5	**13**	mg/kg																	**20.2**					
IRON	7439-89-6		mg/kg																	38800		26200		37100	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																	**381**	***n**	**177**	***N**	**882**	***N**
MAGNESIUM	7439-95-4		mg/kg																	8800		5740		6830	
MANGANESE	7439-96-5	**42**	mg/kg																	**423**	**N**	**362**	**N**	**474**	**N**
MERCURY	7439-97-6	**0.1**	mg/kg																	**1.2**		**0.41**		**1.4**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg																	**136**		**52.4**		**76.1**	
POTASSIUM	7440-09-7		mg/kg																	850		697		710	
SELENIUM	7782-49-2	**7**	mg/kg																	0.96		< 0.57	U	< 0.59	U
SILVER	7440-22-4	**1**	mg/kg																	< 1.2	U	< 1.1	U	< 1.2	U
SODIUM	7440-23-5		mg/kg																	349		511		491	
THALLIUM	7440-28-0	**3**	mg/kg																	< 1.2	U	< 3.4	U	< 3.5	U
VANADIUM	7440-62-2		mg/kg																	172		75.3		107	
ZINC	7440-66-6	**600**	mg/kg																	464	N	219	N	400	N

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	B101		B101		B102		B102		B103		B104		B105		B107		B1101		B1201		B1301	
			Depth interval	0 - 0.5 ft		2.8 - 3.3 ft		0 - 0.5 ft		5.5 - 6 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft	
			Sample ID	B101-0		B101-2		B102-0		B102-5		B-103-0		B-104-0		B-105-0		B-107-0		B1101-0		B1201-0		B1301-0	
			Lab ID	663698		663796		663703		663705		663237		663223		663231		663234		664528		664540		664524	
			Date collected	8/12/2003		8/12/2003		8/12/2003		8/12/2003		8/11/2003		8/11/2003		8/11/2003		8/11/2003		8/15/2003		8/15/2003		8/15/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	6.7		6.7		6.1		6.1		6.1		4.5		4.8		5.1		4.2		4.4		4.3	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**12000**		**18000**		**9480**		**13800**		**9040**	*	**16100**	*	**12400**	*	**18700**	*	**10300**		**10900**		**12100**	
ANTIMONY	7440-36-0	**6**	mg/kg	**7.4**		**89.1**		< 6.93	U	< 7.48	U	**16.8**	**N**	**21.6**	**N**	**27.1**	**N**	**42.2**	**N**	**13.4**	**N**	**18.3**	**N**	**9.9**	**N**
ARSENIC	7440-38-2	**19**	mg/kg	1.3		< 141	UM	12.7		4.9		8.5	*	< 11.6	U*	< 11.6	U*	< 70.4	U*M	< 1.2	UN	< 5.8	UN	6	N
BARIUM	7440-39-3	**1300**	mg/kg	81.2		442		131		66.3		214		199		274		25.9		123		207		305	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 1.2	U	< 3.54	U	< 0.58	U	< 0.62	U	< 6.5	U	< 5.8	U	< 5.8	U	< 7	U	< 1.2	U	< 2.9	U	< 2.8	U
CADMIUM	7440-43-9	**1**	mg/kg	< 0.6	U	**1.1**		1		< 0.62	U	0.88	*N	< 0.58	U	**1.1**	***N**	< 0.7	U	< 0.58	U	0.98		**1.6**	
CALCIUM METAL	7440-70-2		mg/kg	7130		36600		2300		2260		12700	*	44200	*	25300	*	39700	*	47700		26800		21000	
CHROMIUM	7440-47-3		mg/kg	1170		15300		314		15.1		1650		3540		3830		7210		2550	N	2850	N	1650	N
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			10.1	J			< 5.04	UJ	< 5.25	UJ	155	J	77.3	J	1480	J	15.5	J	42.6	J	25.5	J
COBALT	7440-48-4	**59**	mg/kg	19.8		**72.2**		11.2		8.2		32.5	*	52.5	*	49.8	*	**207**	*	35.5		47.9		26.6	
COPPER	7440-50-8	**7300**	mg/kg	43.5		144		84.2		21.6		368		59.6		186		24.6		84.5		962		207	
CYANIDE	57-12-5	**13**	mg/kg	< 1.23	U			1.35				**39.2**		2.48		2.26		**17.1**		10		**25.7**		1.56	
IRON	7439-89-6		mg/kg	23900		55100		22800		19400		57500		45200		46100		118000		36300		46800		32600	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**239**		**2280**		**399**		**105**		**391**		**379**		**876**		47.6		**306**		**514**		**732**	
MAGNESIUM	7439-95-4		mg/kg	6190		19400		3470		3070		9230	*	22600	*	15000	*	69300	*	22800		15100		9110	
MANGANESE	7439-96-5	**42**	mg/kg	**312**		**596**		**276**		**408**		**398**		**688**		**659**		**864**		**430**		**648**		**659**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.32**		**1**		**0.9**		**0.37**		**0.77**		**0.39**		**1**		< 0.05	U	**0.47**		**0.64**		**0.91**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**58.1**		**274**		**37.9**		15.3		**137**	***N**	**197**	***N**	**190**	***N**	**762**	***N**	**163**		**185**		**130**	
POTASSIUM	7440-09-7		mg/kg	942		982		823		1020		497	*	835	*	842	*	< 282	U*	737		573		608	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.6	U	< 0.71	U	1.3		< 0.62	U	< 0.65	U*	< 0.58	U*	< 0.58	U*	< 7	U*	< 0.58	U	< 0.58	U	< 0.57	U
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.41	U	< 1.16	U	< 1.25	U	**2.5**		< 1.2	U	< 1.2	U	< 1.4	U	< 1.2	U	< 1.2	U	< 1.1	U
SODIUM	7440-23-5		mg/kg	176		542		120		< 125	U	226	*	364	*	338	*	859	*	359		323		2860	
THALLIUM	7440-28-0	**3**	mg/kg	< 2.41	U	< 1.41	U	< 2.31	U	< 3.74	U	< 13	UM	< 11.6	UM	< 11.6	UM	< 14.1	UM	< 11.6	UM	< 5.8	UM	< 5.7	UM
VANADIUM	7440-62-2		mg/kg	109		443		55.4		22.6		179	*N	284	*N	357	*N	801	*N	177		299		129	
ZINC	7440-66-6	**600**	mg/kg	**3350**		**798**		380		91.8		332		290		**674**		288		286		**869**		**743**	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	B1301		B1302		B1303		B1304		B1304		B1304A		B1304A		B1304B		B1304B		B1304C		B1401	
			Depth interval	2 - 2.5 ft		0 - 0.5 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		2 - 3 ft		0.3 - 0.8 ft		5 - 5.5 ft		0.3 - 0.8 ft		4.5 - 5 ft		0.3 - 0.8 ft		0.8 - 1.3 ft	
			Sample ID	B1301-2		B1302-0		B1303-0		B1304-0		B1304-2		B1304A		B1304Ab		B1304Be		B1304Ba		B1304Cb		B1401-0	
			Lab ID	664526		664563		665425		665409		665420		665714		665716		665720		665722		665726		665431	
			Date collected	8/15/2003		8/15/2003		8/19/2003		8/19/2003		8/19/2003		8/20/2003		8/20/2003		8/20/2003		8/20/2003		8/20/2003		8/19/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.3		4.6		5.2		5.2		5.2		5.2		5.2		5.3		5.3		5.4		5.5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**7080**		**15500**		2060	*	2190	*	**18800**	*	**36800**		**20400**		2800		**21900**		2030		**4230**	*
ANTIMONY	7440-36-0	**6**	mg/kg	**9.5**	**N**	**27.9**	**N**	< 6.3	U	< 6	U	**44.4**		< 6.1	U	**48.2**	**N**	< 7.3	UN	**62.9**	**N**	< 6.5	UN	< 6.6	U
ARSENIC	7440-38-2	**19**	mg/kg	9.6	N	< 25.3	UNM	< 1	U	1.4		< 59.8	UM	1.5		< 75	UM	< 1.2	U	< 73.4	UM	1.5		< 1.1	U
BARIUM	7440-39-3	**1300**	mg/kg	362		208		8.6	*	9.7	*	80.7	*	281	*	14.4		19.8	*	14.3	*	9.7	*	14.8	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.54	U	< 3.2	U	< 0.52	U	< 0.5	U	< 3	U	< 0.51	U	< 7.5	U	< 0.61	U	< 7.3	U	< 0.54	U	< 0.55	UN
CADMIUM	7440-43-9	**1**	mg/kg	**3.6**		**11.8**		< 0.52	U	< 0.5	U	< 0.6	U	< 0.51	U	< 0.75	U	< 0.61	U	< 0.73	U	< 0.54	U	< 0.55	U
CALCIUM METAL	7440-70-2		mg/kg	9340		47200	*	8710		8680		53600		8780		72300		16900		81500		317		8680	*
CHROMIUM	7440-47-3		mg/kg	1350	N	4500	*	97	*	31.1	*	5910	*	128		8510		157		11300		47.4	J	195	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	11.6	J	287	J	48.2	J	8.63	J	215	J	30.3	J	2750	J	41.8	J	6170	J	9.01		53.8	J
COBALT	7440-48-4	**59**	mg/kg	15.7		**106**		< 5.2	U	< 5	U	**89.7**		7		< 7.5	U	< 6.1	U	**204**		< 5.4	U	< 5.5	U
COPPER	7440-50-8	**7300**	mg/kg	379		279	N	2.6		7.1		47.7		16.4		< 3	U	< 2.4	U	< 2.9	U	2.7		5.7	
CYANIDE	57-12-5	**13**	mg/kg			2.24		< 1.05	U	< 1.05	U			< 1.06	U			< 1.23	U			< 1.09	U	< 1.13	U
IRON	7439-89-6		mg/kg	28900		89800		4450	*	6800	*	63900	*	17700		134000		4670		145000		5350		9170	*
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**1060**		**530**	***N**	3.4		3.3		**102**		5.7	*	13.4	*	5.2	*	10.7	*	3.2	*	10.1	
MAGNESIUM	7439-95-4		mg/kg	3680		40700		720	*	1010	*	33800	*	3240		96000		3050		97600		111		1820	
MANGANESE	7439-96-5	**42**	mg/kg	**391**		**752**	**N**	23.2		32.1		**580**		**83**		**1030**		**42.9**		**1150**		18.3		40.8	*N
MERCURY	7439-97-6	**0.1**	mg/kg	**1.1**		**18.6**		< 0.03	U	< 0.03	U	**1.1**		< 0.03	U	< 0.05	U	< 0.04	U	< 0.05	U	< 0.03	U	< 0.04	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**64.6**		**430**		< 4.2	U	5.4		**369**		**40.6**		**43.4**		12.8		**206**		9.7		13.1	N
POTASSIUM	7440-09-7		mg/kg	609		278		< 209	U*	< 199	U*	724	*	482		1330		1610		762		794		426	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.54	U	3.3		< 0.52	U	< 0.5	U	< 0.6	U	0.99		< 0.75	U	< 0.61	U	0.86		< 0.54	U	< 0.55	U
SILVER	7440-22-4	**1**	mg/kg	< 1.1	U	**1.7**		< 1	U	< 1	U	< 6	U	< 1	U	< 15	U	< 1.2	U	< 14.7	U	< 1.1	U	< 1.1	U
SODIUM	7440-23-5		mg/kg	197		716		< 104	U	212		2140		230		130		348		440		1840		334	
THALLIUM	7440-28-0	**3**	mg/kg	< 3.2	U	< 6.3	UM	< 1	U	< 1	U	< 6	UM	< 1	U	< 15	UM	< 1.2	U	< 14.7	UM	< 1.1	U	< 1.1	U
VANADIUM	7440-62-2		mg/kg	59.7		692		9.6		13		517		61.5		70.2		36.1		344		28.1		33.2	N
ZINC	7440-66-6	**600**	mg/kg	**1410**		**3530**	**N**	5.7		8.6		321		122	N	126		63	N	536		19.6		20.3	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B1401		B1402		B1402A		B1402A		B201		B201		B201		B201		B302		B302		B303	
			Depth interval	2.5 - 3 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		2.5 - 3 ft		0 - 0.5 ft		4 - 4.5 ft		5 - 5.5 ft		6 - 6.5 ft		0 - 0.5 ft		5 - 5.5 ft		0 - 0.5 ft	
			Sample ID	B1401-2		B1402-0		B1402A		B1402Ac		B201-0		B201-4		B201-5		B201-6		B302-0		B302-5		B303-0	
			Lab ID	665433		665443		665709		665712		663708		663713		663710		663711		664007		664024		664011	
			Date collected	8/19/2003		8/19/2003		8/20/2003		8/20/2003		8/12/2003		8/12/2003		8/12/2003		8/12/2003		8/13/2003		8/13/2003		8/13/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.5		5.1		5		5		6.3		6.3		6.3		6.3		6.3		6.3		5.6	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**6180**	*	**12100**	*	**22900**		**25800**		**9220**		**15600**		**13600**		**12200**		**8170**		**6630**		**12700**	
ANTIMONY	7440-36-0	**6**	mg/kg	**7.7**		**15.9**		**32.3**	**N**	**40.7**	**N**	< 6.91	U	< 6.75	U	**10.6**		< 6.98	U	< 6.79	UN	< 6.8	UN	< 6.77	UN
ARSENIC	7440-38-2	**19**	mg/kg	< 5	U	< 10.8	U	< 27.9	UM	< 66.4	UM	7		5.4		< 1.22	U	3.8		9.6		3.5		10.2	
BARIUM	7440-39-3	**1300**	mg/kg	34		58.7		32.2	*	23.7	*	353		56.7		53.5		38.3		78.2		28.3		90.3	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.5	UN	< 5.4	UN	< 13.9	U	< 6.6	U	< 0.58	U	< 1.69	U	< 0.61	U	< 0.58	U	< 1.13	U	< 1.7	U	< 0.56	U
CADMIUM	7440-43-9	**1**	mg/kg	< 0.5	U	< 0.54	U	< 0.7	U	< 0.66	U	0.98		< 0.56	U	< 0.61	U	< 0.58	U	< 0.57	U	< 0.57	U	< 0.56	U
CALCIUM METAL	7440-70-2		mg/kg	32100	*	32200	*	42800		54000		9120		789		7750		751		1930		1810		1030	
CHROMIUM	7440-47-3		mg/kg	1260		2500		5600		7210		436		144		1550		29.8		136		42.9		125	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	239	J	36.2	J	33.1	J	66	J	47.1	J	9.24		13.3	J	< 4.74	UJ	6.62	J	< 4.72	UJ	7.05	J
COBALT	7440-48-4	**59**	mg/kg	18.6		**69.5**		**184**		**214**		8.4		9.5		9.2		7.6		6.9		< 5.67	U	8.9	
COPPER	7440-50-8	**7300**	mg/kg	35.6		39.6		31.5		15.9		42.8		16		50.5		19.1		45.5		7.6		35.9	
CYANIDE	57-12-5	**13**	mg/kg			< 1.09	U	< 1.42	U			< 1.16	U					< 1.19	U						
IRON	7439-89-6		mg/kg	21100		44900	*	122000		150000		19900		19500		19600		17600		23800		11500		18100	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	39.2		53		10.7	*	18.4	*	**409**		20.5		**67.2**		17		**249**		15.5		**248**	
MAGNESIUM	7439-95-4		mg/kg	7990		25700		65900		73900		3360		4510		4510		3480		3400		4410		2940	
MANGANESE	7439-96-5	**42**	mg/kg	**153**	***N**	**399**	***N**	**797**		**937**		**310**		**363**		**465**		**213**		**228**	*	**260**	*	**492**	*
MERCURY	7439-97-6	**0.1**	mg/kg	0.05		**0.12**		< 0.05	U	< 0.04	U	**1.8**		< 0.04	U	**0.35**		< 0.04	U	**0.13**		< 0.04	U	**0.3**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**59.2**	**N**	**256**	**N**	14.6		14.7		24.3		15		12.3		12.4		**75.4**		9.2		**55.1**	
POTASSIUM	7440-09-7		mg/kg	277		260		1060		1000		772		1140		1140		1080		1110		1610		976	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.5	U	0.7		< 0.7	U	< 0.66	U	< 0.58	U	< 0.56	U	< 0.61	U	< 0.58	U	< 0.57	U	< 0.57	U	< 0.56	U
SILVER	7440-22-4	**1**	mg/kg	< 1	U	< 1.1	U	< 7	U	< 13.3	U	< 1.15	U	< 1.13	U	< 1.22	U	< 1.16	U	< 1.13	U	< 1.13	U	< 1.13	U
SODIUM	7440-23-5		mg/kg	565		463		117		1250		173		187		164		< 116	U	157		< 113	U	< 113	U
THALLIUM	7440-28-0	**3**	mg/kg	< 1	U	< 3.2	U	< 7	UM	< 13.3	UM	< 2.3	U	< 3.38	U	< 3.67	U	< 2.33	U	< 2.26	U	< 3.4	U	< 5.64	UM
VANADIUM	7440-62-2		mg/kg	131	N	383	N	35.3		21.2		70		70.9		23.8		32.6		50.4		28		26.7	
ZINC	7440-66-6	**600**	mg/kg	60.5		158		58.7		59.3		416		64.4		79.5		40.9		189		50.7		187	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B303		B303		B304		B304		B305A		B305A		B305A		B306C		B306C		B306C		B307D	
			Depth interval	2.5 - 3 ft		4 - 4.5 ft		0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		1 - 1.5 ft		4 - 4.5 ft		0 - 0.5 ft		2 - 2.3 ft		5 - 5.5 ft		0 - 0.5 ft	
			Sample ID	B303-2		B303-4		B304-0		B304-2		B305A-0		B305A-1		B305A-4		B306C-0		B306C2		B306C-5		B307D-0	
			Lab ID	664032		664025		664013		664026		664015		664036		664027		664326		664328		664329		665086	
			Date collected	8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/14/2003		8/14/2003		8/14/2003		8/18/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.6		5.6		4.3		4.3		4.8		4.8		4.8		5.1		5.1		5.1		5.8	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**17600**		**14500**		**14600**		**4540**		**15600**		**4210**		**8460**		**6470**		**6840**		**9750**		**14200**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 7.06	UN	< 7.27	UN	< 7.26	UN	< 7.25	UN	**24.6**	**N**	< 7.02	UN	< 6.76	UN	< 7	U	< 6.6	U	< 7	U	**35.4**	**N**
ARSENIC	7440-38-2	**19**	mg/kg	6.1		5.4		8.4		< 1.21	U	< 5.75	U	2.3		5.7		< 1.2	U	4.9		3.6		< 11.5	U
BARIUM	7440-39-3	**1300**	mg/kg	54.7		45.6		538		252		206		27.4		34.9		66.4		47.8		48.9		171	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.59	U	< 0.61	U	< 1.82	U	< 0.6	U	< 2.88	U	< 0.58	U	< 0.56	U	< 0.58	U	< 0.55	U	< 0.58	U	< 5.8	U
CADMIUM	7440-43-9	**1**	mg/kg	< 0.59	U	< 0.61	U	**1.2**		< 0.6	U	< 0.58	U	< 0.58	U	< 0.56	U	< 0.58	U	< 0.55	U	< 0.58	U	1	
CALCIUM METAL	7440-70-2		mg/kg	1220		922		15600		45900		49700		1030		6700		26500	N	6180	N	2330	N	28700	
CHROMIUM	7440-47-3		mg/kg	19.3		23.4		378		905		4190		10.8		46.5		1020		10.8		12.8		4790	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 4.76	UJ	< 4.9	UJ	13.4	J	83.2	J	252	J	< 4.77	UJ	8.03	J	61.6	J	< 4.5	UJ	< 4.91	UJ	59.4	J
COBALT	7440-48-4	**59**	mg/kg	11.5		10.1		16		< 6.04	U	**77.7**		< 5.8	U	6.7		12.7		< 5.5	U	6.8		57.9	
COPPER	7440-50-8	**7300**	mg/kg	23		26.9		94.1		10.7		81.7		9.2		21.7		63.9		16		18.1		69.9	
CYANIDE	57-12-5	**13**	mg/kg															1.34						4.77	
IRON	7439-89-6		mg/kg	25200		23000		41300		7160		75100		8260		13800		23000		14700		14800		50500	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	11		11.8		**879**		**1010**		**566**		8.8		20.2		**160**		**92.4**		**62.9**		**685**	
MAGNESIUM	7439-95-4		mg/kg	3730		3920		8240		8720		21700		2640		3500		7740	N	2890	N	3430	N	19200	
MANGANESE	7439-96-5	**42**	mg/kg	**377**	*	**513**	*	**419**	*	**257**	*	**673**	*	**132**		**236**	*	**275**	*	**282**	*	**282**	*	**552**	
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.04	U	0.04		**0.52**		**0.12**		**0.61**		< 0.04	U	0.06		**0.89**		**4.7**		**0.16**		**1**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	19.6		21		**48.3**		6.3		**271**		7.1		11.7		**40.5**		9.2		13.4		**206**	
POTASSIUM	7440-09-7		mg/kg	1100		1190		865		480		625		1130		1020		631		994		1180		762	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.59	U	< 0.61	U	< 0.61	U	< 0.6	U	< 0.58	U	< 0.58	U	< 0.56	U	< 0.58	U	< 0.55	U	< 0.58	U	0.86	
SILVER	7440-22-4	**1**	mg/kg	< 1.18	U	< 1.21	U	< 1.21	U	< 1.21	U	< 1.15	U	< 1.17	U	< 1.13	U	< 1.2	U	< 1.1	U	< 1.2	U	< 1.2	U
SODIUM	7440-23-5		mg/kg	< 118	U	< 121	U	870		230		560		< 117	U	468		319		< 110	U	< 117	U	440	
THALLIUM	7440-28-0	**3**	mg/kg	< 3.53	U	< 6.06	UM	< 3.63	U	< 2.42	U	< 5.75	UM	< 1.17	U	< 2.25	U	< 2.3	U	< 5.5	UM	< 2.3	U	< 11.5	UM
VANADIUM	7440-62-2		mg/kg	29.1		24.2		91		49.9		406		18.1		69		63.7		19.9		18.1		344	
ZINC	7440-66-6	**600**	mg/kg	59.1		59		**804**		524		**641**		37.6		82.3		101		72.2		73.3		536	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B307D		B307D		B308E		B309D		B309D		B309D		B310		B310		B310		B311		B311	
			Depth interval	1.5 - 2 ft		2.5 - 3 ft		0 - 0.5 ft		0 - 0.5 ft		2 - 2.5 ft		5 - 5.5 ft		0 - 0.5 ft		2.2 - 2.7 ft		5 - 5.5 ft		1 - 1.5 ft		2.6 - 3.1 ft	
			Sample ID	B307D-1		B307D-2		B308E-0		B309D-0		B309D-2		B309D-5		B310-0		B310-2		B310-5		B311-1		B311-2	
			Lab ID	665087		665088		665148		664336		664340		664341		665075		665077		665078		665080		665082	
			Date collected	8/18/2003		8/18/2003		8/18/2003		8/14/2003		8/14/2003		8/14/2003		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/18/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.8		5.8		4.3		5.8		5.8		5.8		5.3		5.3		5.3		5.5		5.5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**4070**		**12000**		**19400**		**11500**		1880		**10900**		**13400**		**12900**		**18000**		**9340**		**6530**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 6.9	UN	< 7.2	UN	**51.8**	**N**	**22**		< 7	U	**22.2**		**75.2**	**N**	< 7	UN	< 7.4	UN	< 6.8	UN	< 6.9	UN
ARSENIC	7440-38-2	**19**	mg/kg	1.9		4.6		< 61.8	UM	< 5.6	U	2.9		< 24.1	UM	< 1.2	U	4.5		3.5		3		3.1	
BARIUM	7440-39-3	**1300**	mg/kg	30.6		52.3		320		197		48.8		51.5		316		54		46.2		53.5		34.8	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.57	U	< 0.6	U	< 3.1	U	< 2.8	U	< 0.58	U	< 0.6	U	< 1.8	U	< 0.58	U	< 0.61	U	< 0.57	U	< 0.57	U
CADMIUM	7440-43-9	**1**	mg/kg	< 0.57	U	< 0.6	U	**1.2**		0.73		< 0.58	U	< 0.6	U	**1.5**		< 0.58	U	< 0.61	U	< 0.57	U	< 0.57	U
CALCIUM METAL	7440-70-2		mg/kg	8720		15400		78300		24800	N	1810	N	2810	N	37400		712		606		4250		3120	
CHROMIUM	7440-47-3		mg/kg	142		67.2		6850		4690		81.9		4980		9790		170		102		272		129	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	15.6	J	< 4.91	UJ	1130	J	34.5	J	6.57	J	236	J	307	J	64.7	J	5.72	J	51.3	J	10.7	J
COBALT	7440-48-4	**59**	mg/kg	7.4		< 6	U	**72.9**		42.8		< 5.8	U	8.7		47.9		7.4		8.20		7.7		< 5.7	U
COPPER	7440-50-8	**7300**	mg/kg	18.3		11		110		90.7		23.5		31.4		174		18.3		13.9		13.2		12.8	
CYANIDE	57-12-5	**13**	mg/kg	< 1.16	U			5.09		**13.9**						2.47						< 1.16	U		
IRON	7439-89-6		mg/kg	6720		12000		54800		41700		5400		14800		48000		20700		21100		14600		10400	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	33.2		10.7		**384**		**719**		43.8		52.8		**1630**		16.5		11.2		32.1		45.1	
MAGNESIUM	7439-95-4		mg/kg	1490		4380		25000		14900	N	446	N	3110	N	12600		3800		4750		3960		3260	
MANGANESE	7439-96-5	**42**	mg/kg	**153**		**297**		**661**		**435**	*	**44.6**	*	**151**	*	**597**		**218**		**225**		**406**		**223**	
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.04	U	< 0.04	U	**0.43**		**0.67**		**0.27**		**0.16**		**1.2**		**0.17**		< 0.04	U	< 0.04	U	< 0.04	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	16.4		9.7		**287**		**155**		16.4		17.9		**197**		14.6		15.9		12.7		10.2	
POTASSIUM	7440-09-7		mg/kg	555		794		611		672		341		1150		630		1060		1380		1460		978	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.57	U	< 0.6	U	1.4		< 0.56	U	< 0.58	U	< 0.6	U	2		< 0.58	U	< 0.61	U	< 0.57	U	< 0.57	U
SILVER	7440-22-4	**1**	mg/kg	< 1.1	U	< 1.2	U	< 1.2	U	< 1.1	U	< 1.2	U	< 1.2	U	< 1.2	U	< 1.2	U	< 1.2	U	< 1.1	U	< 1.1	U
SODIUM	7440-23-5		mg/kg	435		1840		568		360		179		< 121	U	403		117		154		144		264	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.1	U	< 3.6	U	< 6.2	UM	< 5.6	UM	< 1.2	U	< 1.2	U	< 6.2	UM	< 2.3	U	< 1.2	U	< 5.7	UM	< 3.4	U
VANADIUM	7440-62-2		mg/kg	25.4		28.1		268		311		22		20		295		35.3		38.9		80.2		44.5	
ZINC	7440-66-6	**600**	mg/kg	44		19.6		382		530		41.7		407		**723**		58.7		38.9		111		128	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		B313C		B313C		B401		B401		B401		B401A		B401A		B401A		B401B		B401B		B4S	
				Depth interval		0 - 0.5 ft		4.3 - 4.8 ft		0 - 0.5 ft		2 - 2.5 ft		2.5 - 3 ft		0.5 - 1 ft		2.5 - 3 ft		5.3 - 5.8 ft		0 - 0.5 ft		2 - 2.5 ft		0.5 - 1 ft	
				Sample ID		B313C-0		B313C-4		B401-0		B401-2		B401-2a		B401A-0		B401A-2		B401A-5		B401B-0		B401B-2		B4S-0.5	
				Lab ID		665089		665091		665092		665094		665095		665732		665734		665735		665738		665740		693035	
				Date collected		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/20/2003		8/20/2003		8/20/2003		8/20/2003		8/20/2003		12/2/2003 2:02:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		6.2		6.2		6		6		6		5.6		5.6		5.6		5.2		5.2		5.2	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**9100**		**4530**		**15500**		**17100**		**8850**		**12800**		**20800**		**10300**		**9850**		**12300**		**21200**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 7	UN	< 7.2	UN	**28**	**N**	**34**	**N**	< 6.8	UN	**21.7**	**N**	**52.2**		< 6.5	U	**18.9**		< 36.8	UM	**9.6**	**J**
ARSENIC	7440-38-2	**19**	mg/kg	3.4		6.3		< 6.6	U	< 6.4	U	2.3		< 5.8	U	< 68.2	UM	4.8		< 11.9	U	< 61.3	UM	< 5.8	UJ
BARIUM	7440-39-3	**1300**	mg/kg	260		**1350**		132		487		50.7		135	*	50.5		45.1		96.8		42.7		102			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 1.2	U	< 0.6	U	< 3.3	U	< 3.2	U	< 0.57	U	< 2.9	U	< 6.8	U	< 1.6	U	< 3	U	< 3.1	U	< 0.05	U		
CADMIUM	7440-43-9	**1**	mg/kg	0.65		0.87		**1.1**		< 0.64	U	< 0.57	U	< 0.58	U	< 3.4	U	< 0.54	U	< 0.59	U	< 3.1	U	0.32			
CALCIUM METAL	7440-70-2		mg/kg	27000		46100		32000		51300		2060		22500		47500		1500		36400		21500		18900			
CHROMIUM	7440-47-3		mg/kg	298		187		3680		4720		658		3510		7340		53.5		2420		3970		2430			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	22	J	13.5	J	63	J	314	J	67	J	22.9	J	39.8	J	< 4.47	UJ	99	J	17.4	J	77.9			
COBALT	7440-48-4	**59**	mg/kg	12.4		< 6	U	56.5		**127**		7.1		56.1		**200**		9.1		37.3		**124**		34.9			
COPPER	7440-50-8	**7300**	mg/kg	27.8		11.9		121		37.2		18.9		80.1		30.1		12.2		82.6		21.9		50			
CYANIDE	57-12-5	**13**	mg/kg	< 1.2	U			**20.1**						**19.2**						**19**				< 1.23	U		
IRON	7439-89-6		mg/kg	16800		8230		55500		85200		13200		50200		126000		15500		39400		80600		43800			
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg	**129**		**182**		**364**		**399**		**66.5**		**368**	*	22.8		23.7		**210**		22.6		**110**			
MAGNESIUM	7439-95-4		mg/kg	8690		9310		19900		53400		3460		17700		70400		4220		10200		43700		13600			
MANGANESE	7439-96-5	**42**	mg/kg	**253**		**327**		**568**		**764**		**334**		**591**		**978**		**315**		**399**		**1560**		**300**			
MERCURY	7439-97-6	**0.1**	mg/kg	**8.3**		**127**		**0.53**		**0.43**		0.08		**0.34**		0.05		< 0.03	U	**0.47**		0.06		**0.15**			
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**34.3**		6.5		**207**		**433**		12.5		10.3		14.8		**34.3**		**207**		5.9		**148**			
POTASSIUM	7440-09-7		mg/kg	1480		475		729		539		1180		1280		1140		1480		729		981		590			
SELENIUM	7782-49-2	**7**	mg/kg	0.76		< 0.6	U	1.3		< 0.64	U	< 0.57	U	< 0.58	U	< 3.4	U	0.76		1.3		0.9		< 1.2	U		
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.2	U	< 1.3	U	< 6.4	U	< 1.1	U	< 1.2	U	< 6.8	U	< 1.1	U	< 1.2	U	< 6.1	U	< 0.06	U		
SODIUM	7440-23-5		mg/kg	594		495		533		631		662		409		1430		594		533		177		1480			
THALLIUM	7440-28-0	**3**	mg/kg	< 2.3	U	< 6	UM	< 6.6	UM	< 12.8	UM	< 3.4	U	< 5.8	UM	< 6.8	UM	< 3.3	U	< 5.9	UM	< 12.3	UM	< 0.47	U		
VANADIUM	7440-62-2		mg/kg	68.5		72.2		329		806		32.2		24.8		23.4		68.5		329		10.2		354			
ZINC	7440-66-6	**600**	mg/kg	330		**1480**		429		**736**		446		342		52.9		330		429		45.1		200	J		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		B501		B501		B502		B502		B5S		B5S		B5S		B5S		B6		B6		B6	
				Depth interval		0.5 - 1 ft		2 - 2.5 ft		0.5 - 1 ft		2.6 - 2.9 ft		0.8 - 1 ft		2.5 - 3 ft		6.2 - 6.9 ft		6.2 - 6.9 ft		0.5 - 1 ft		2.5 - 3 ft		2.5 - 3 ft	
				Sample ID		B501-0		B501-2		B502-0		B502-2		B5S-0.8		B5S-2.5		B5S-6		B5S-6a		B6S0.5		B6S2.5		B6S2.5-	
				Lab ID		665116		665118		665098		665100		665794		665795		665801		707897		665780		665786		708371	
				Date collected		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/20/2003 2:55:00 PM		8/20/2003 3:05:00 PM		8/20/2003 3:50:00 PM		8/20/2003 3:50:00 PM		8/20/2003 1:43:00 PM		8/20/2003 2:00:00 PM		8/20/2003 2:00:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.3		5.3		5.4		5.4		6.5		6.5		6.5		6.5		5.6		5.6		5.6	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**23400**		**20400**		**17200**		**21700**		1400.00	J	592.00	J	**27600**	**J**			2440.00	J	**16100.00**	**J**				
ANTIMONY	7440-36-0	**6**	mg/kg	**38.5**	**N**	**345**	**N**	**38.6**		**73.9**	**N**	< 0.42	UJ	< 0.44	UJ	**91.90**				< 0.45	UJ	**21.90**					
ARSENIC	7440-38-2	**19**	mg/kg	< 24.2	UM	< 295	UM	< 26.5	UM	< 66.5	UM	1.60	J	0.79	J			3.5	J	3.70	J			10.4	J		
BARIUM	7440-39-3	**1300**	mg/kg	97.6		15.1		81		68.3		4.70	J	3.00	J	34.2	J			9.80	J	109	J				
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 3	U	< 3.7	U	< 3.3	U	< 6.7	U	0.12	BJ	0.03	BJ	< 1.3	U			0.06	BJ	< 0.04	U				
CADMIUM	7440-43-9	**1**	mg/kg	< 0.61	U	< 0.74	U	< 0.66	U	< 0.67	U	< 0.54	U	< 0.57	U	< 1.9	U			< 0.58	U	< 0.58	U				
CALCIUM METAL	7440-70-2		mg/kg	47600		65000		51900		58300		204	J	150	J	74800.00	J			790.00		45100	J				
CHROMIUM	7440-47-3		mg/kg	5110		48400		4300		10200		7.70	J	9.90	J	17200.00	J			28.60	J	4470.00	J				
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	37.4	J	1090	J	21300	J	7430	J	< 4.56	UJ			783	J			4.95	J	25.6	J				
COBALT	7440-48-4	**59**	mg/kg	**102**		**168**		**98.9**		**180**		< 5.4	U	< 5.7	U	**143**				< 5.8	U	41					
COPPER	7440-50-8	**7300**	mg/kg	60.6		13.3		29.4		29.6		< 2.2	UJ	< 2.3	UJ	< 7.4	UJ			< 2.3	U	133	J				
CYANIDE	57-12-5	**13**	mg/kg	3.56				**20.9**						< 1.16	U							< 1.20	U				
IRON	7439-89-6		mg/kg	78400		109000		70900		114000		6980.00	J	4460.00	J	90900.00	J			5390.00	J	38000.00	J				
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg	**197**		33.5		**163**		**80.5**		2.00	J	1.20	J	**69.60**	**J**			8.30	J	**130.00**	**J**				
MAGNESIUM	7439-95-4		mg/kg	29700		84300		43200		64000		< 54.2	UJ	< 57.3	UJ	69100.00	J			94.10	J	15700	J				
MANGANESE	7439-96-5	**42**	mg/kg	**682**		**925**		**676**		**859**		21.10	J	10.50	J	**944.00**	**J**			9.20	J	**465.00**	**J**				
MERCURY	7439-97-6	**0.1**	mg/kg	**0.79**		< 0.05	U	0.09		0.08		< 0.04	U	< 0.04	U	0.08	J			< 0.04	U	**0.54**	**J**				
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**366**		**597**		**342**		**661**		< 4.3	UJ	< 4.6	UJ	**590.00**	**J**			< 4.7	U	**169**	**J**				
POTASSIUM	7440-09-7		mg/kg	656		< 295	U	477		< 266	U	< 217	UJ	< 229	UJ	< 247	UJ			283.00	J	722.00	J				
SELENIUM	7782-49-2	**7**	mg/kg	< 0.61	U	< 3.7	U	1.3		1.8		< 0.54	U	< 0.57	U	< 1.9	U			< 0.58	U	< 1.7	U				
SILVER	7440-22-4	**1**	mg/kg	< 6.1	U	< 7.4	U	< 6.6	U	< 13.3	U	< 1.1	U	< 1.1	U	< 3.7	U			< 1.2	U	< 1.2	U				
SODIUM	7440-23-5		mg/kg	854		664		503		1440		< 108	U	< 115	U	3200.00				< 117	U	774.00					
THALLIUM	7440-28-0	**3**	mg/kg	< 6.1	UM	< 1.5	U	< 6.6	UM	< 13.3	UM	< 0.38	U	< 0.4	U			< 0.21	UJ	< 0.41	U	< 1.2	U				
VANADIUM	7440-62-2		mg/kg	684		1150		710		911		9.60	J	< 5.7	UJ	552.00	J			14.4	J	249	J				
ZINC	7440-66-6	**600**	mg/kg	458		59.9		270		328		8.50	J	5.80	J	**727.00**	**J**			9.00	J	307.00	J				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		B6		B6		B601		B601		B601		B7		B7		B7		B7		B7		B701	
				Depth interval		3.5 - 4 ft		3.5 - 4 ft		0 - 0.5 ft		2 - 2.5 ft		2.5 - 3 ft		0 - 0.5 ft		0.5 - 1 ft		0.5 - 1 ft		3.5 - 4 ft		3.5 - 4 ft		0 - 0.5 ft	
				Sample ID		B6S3.5		B6S3.5-		B601-0		B601-2		B601-2a		B7S-0		B7S-.5		B7S-.5a		B7S-3		B7S-3a		B701-0	
				Lab ID		665792		708372		665109		665111		665112		666222		708374		666231		708375		666233		664371	
				Date collected		8/20/2003 2:20:00 PM		8/20/2003 2:20:00 PM		8/18/2003		8/18/2003		8/18/2003		8/21/2003 9:25:00 AM		8/21/2003 9:27:00 AM		8/21/2003 9:27:00 AM		8/21/2003 9:35:00 AM		8/21/2003 9:35:00 AM		8/14/2003	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.6		5.6		5.1		5.1		5.1		5.7		5.7		5.7		5.7		5.7		4.3	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**12800.00**	**J**			**9840**		**18900**		2020		**8100**				**8510**				**5900**		**17500**	
ANTIMONY	7440-36-0	**6**	mg/kg	**40.40**				**12.8**	**N**	**41.5**	**N**	< 7.6	U	< 7.5	U			< 7.5	U			< 7.7	U	**45**	
ARSENIC	7440-38-2	**19**	mg/kg			15.4	J	1.4		< 24.6	UM	< 1.3	U	2		4.6	J			3.3	J			< 62.1	UM
BARIUM	7440-39-3	**1300**	mg/kg	134	J			135		153		52.6		326				151				96.3		131	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.01	U			< 3.3	U	< 6.1	U	< 0.63	U	< 0.01	U			< 0.01	U			< 0.01	U	< 1.9	U
CADMIUM	7440-43-9	**1**	mg/kg	< 0.59	U			< 0.66	U	< 0.61	U	< 0.63	U	< 0.62	U			< 0.62	U			< 0.64	U	< 0.62	U
CALCIUM METAL	7440-70-2		mg/kg	46200	J			32900		67800		2550		71000				31300				63000		97500	N
CHROMIUM	7440-47-3		mg/kg	5820.00	J			1360		5660		147		19.8				769				331		11300	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	66.4	J			< 5.41	UJ	304	J	20.9		< 5.24	U							72.7		4460	J
COBALT	7440-48-4	**59**	mg/kg	30	J			23.6		**129**		< 6.3	U	< 6.2	U			7.2				< 6.4	U	**60.2**	
COPPER	7440-50-8	**7300**	mg/kg	52.30	J			153		33.4		19.1		17.9				62.4				7.2		92.1	
CYANIDE	57-12-5	**13**	mg/kg					**18**										< 1.24	U					4.12	
IRON	7439-89-6		mg/kg	40000.00	J			67500		83700		8230		11200				13900				7590		49500	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**284.00**	**J**			**706**		**179**		**80.5**		31.5				**106**				16.3		**228**	
MAGNESIUM	7439-95-4		mg/kg	18100	J			5560		44300		1570		5500				3430				4800		20300	N
MANGANESE	7439-96-5	**42**	mg/kg	**330.00**	**J**			**599**		**719**		**77.7**		**247**				**308**				**172**		**695**	*
MERCURY	7439-97-6	**0.1**	mg/kg	**0.15**	**J**			**0.49**		**0.4**		0.04		**0.45**				**0.29**				0.05		< 0.04	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**150**	**J**			**89.5**		**455**		10.5		10.9				22.7				6.6		**236**	
POTASSIUM	7440-09-7		mg/kg	700.00	J			692		300		355		1310				930				546		489	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.59	U			2.3		< 0.61	U	< 0.63	U	< 0.62	U			< 0.62	U			< 0.64	U	< 0.62	U
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U			< 1.3	U	< 12.3	U	< 1.3	U	**2.2**				< 1.2	U			< 1.3	U	< 1.2	U
SODIUM	7440-23-5		mg/kg	819.00				1540		798		367		1230				605				256		602	
THALLIUM	7440-28-0	**3**	mg/kg	< 0.41	U			< 6.6	UM	< 12.3	UM	< 1.3	U	< 1.3	U			< 1.3	U			< 0.45	U	< 62.1	UM
VANADIUM	7440-62-2		mg/kg	81.50	J			118		786		28.4		27.4				38				13.7		186	
ZINC	7440-66-6	**600**	mg/kg	574.00	J			437		319		21.8		64				201				64.2		305	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B701		B802		B802		B803		B901		B901		BC8		BC8		BC8		BC8		BC8							
			Depth interval	2.7 - 3.2 ft		0 - 0.5 ft		2.6 - 3.1 ft		0 - 0.5 ft		0 - 0.5 ft		1.9 - 2.4 ft		0.5 - 1 ft		0.5 - 1 ft		1 - 1.5 ft		1 - 1.5 ft		1.5 - 2 ft							
			Sample ID	B701-2		B802-0		B802-2		B803-0		B901-0		B901-1a		BC8S0.5		BC8S0.5.		BC8S1.5		BC8S1a		BC8S1							
			Lab ID	665115		664351		664353		664356		664547		664549		669416		708423		669421		707964		669419							
			Date collected	8/18/2003		8/14/2003		8/14/2003		8/14/2003		8/15/2003		8/15/2003		9/3/2003 2:15:00 PM		9/3/2003 2:15:00 PM		9/3/2003 4:35:00 PM		9/3/2003 4:35:00 PM		9/3/2003 3:10:00 PM							
			Sample Type	N		N		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	4.3		3.7		3.7		4.1		3.9		3.9		6.2		6.2		6.2		6.2		6.2							
			Excavated																												
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg	**8840**		**18200**		**9280**		**15800**		**10100**		3510		1400				**11900**				**5330**							
ANTIMONY	7440-36-0	**6**	mg/kg	**15.1**	**N**	**34.9**		**7.6**		**39.1**		**15.2**	**N**	< 7.1	UN	3.9	BJ			**33.5**				**12.4**							
ARSENIC	7440-38-2	**19**	mg/kg	11.4		< 62.8	UM	< 1.1	U	< 58.5	UM	< 3.5	UN	7.4	N			0.82				7.3	J								
BARIUM	7440-39-3	**1300**	mg/kg	338		83		105		299		145		97.8		17.2	J			93.5	J			66.5	J						
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.62	U	< 1.3	U	< 0.55	U	< 5.8	U	< 1.7	U	< 0.59	U	< 0.01	UJ			< 0.01	UJ			< 0.01	UJ						
CADMIUM	7440-43-9	**1**	mg/kg	**2.9**		< 0.63	U	< 0.55	U	< 0.58	U	0.98		0.96		< 0.52	U			< 0.64	U			< 0.59	U						
CALCIUM METAL	7440-70-2		mg/kg	9140		70400	N	8990	N	69800	N	26600	*	4190	*	1390				66300				13600							
CHROMIUM	7440-47-3		mg/kg	856		8310		1440		9090		2510	*	489	*	737				6170				2260							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 5.02	UJ	1250	J	42.9	J	260	J	60.7	J	9.59	J	27	J			78.5	J			144	J						
COBALT	7440-48-4	**59**	mg/kg	15.3		55.7		20		**59.4**		46.3		11.7		9.9	J			45.8	J			< 5.9	UJ						
COPPER	7440-50-8	**7300**	mg/kg	251		97.1		86.9		84.5		67.1	N	50.3		11	J			30.8	J			13.6	J						
CYANIDE	57-12-5	**13**	mg/kg			< 1.27	U			2.96		3.7												< 1.23	U						
IRON	7439-89-6		mg/kg	54200		44800		26300		47500		39100		17900		10800	J			25100	J			11300	J						
IRON (FERROUS)	15438-31-0		mg/kg																												
LEAD	7439-92-1	**59**	mg/kg	**900**		**96.4**		**175**		**217**		**335**	***N**	**165**	***N**	19.8	J			**139**	**J**			**97.6**	**J**						
MAGNESIUM	7439-95-4		mg/kg	3160		21500	N	5660	N	20700	N	13700		1990		1840	J			14700	J			2050	J						
MANGANESE	7439-96-5	**42**	mg/kg	**431**		**524**	*	**428**	*	**1510**	*	**463**	**N**	**167**	**N**	**253**				**642**				**317**							
MERCURY	7439-97-6	**0.1**	mg/kg	**1.2**		**0.74**		**0.26**		< 0.04	U	**0.43**		**1**		0.08				**0.33**				**0.23**							
MOLYBDENUM	7439-98-7		mg/kg																												
NICKEL	7440-02-0	**31**	mg/kg	**68.6**		**220**		**74.6**		**225**		**167**		**40.6**		**90.8**	**J**			**171**	**J**			11.5	J						
POTASSIUM	7440-09-7		mg/kg	934		1160		1170		623		567		482		583				1320				1000							
SELENIUM	7782-49-2	**7**	mg/kg	3.2		< 1.3	U	< 0.55	U	< 5.8	U	< 0.58	U	0.99		< 0.52	U			< 3.2	U			< 0.59	U						
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.3	U	< 1.1	U	< 1.2	U	< 1.2	U	< 1.2	U	< 1	UJ			< 1.3	UJ			< 1.2	UJ						
SODIUM	7440-23-5		mg/kg	280		788		220		691		269		230		725				2080				1200							
THALLIUM	7440-28-0	**3**	mg/kg	< 6.2	UM	< 62.8	UM	< 5.5	UM	< 11.7	UM	< 3.5	U	< 1.2	U	< 1.8	U					0.68									
VANADIUM	7440-62-2		mg/kg	66.6		257		128		265		293		61.5		8.6	J			5.7	J			3.4	J						
ZINC	7440-66-6	**600**	mg/kg	**874**		132		176		242		343	N	122	N	35.9	J			460	J			**2310**	**J**						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	BC8		C3		C3		C3		C3		C4		C4		C4		C4		C5		C5							
			Depth interval	1.5 - 2 ft		0.5 - 1 ft		0.5 - 1 ft		1.5 - 2 ft		1.5 - 2 ft		0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		0.8 - 1 ft		0.8 - 1 ft							
			Sample ID	BC8S1.		C3S0.5		C3S0.5-		C3S1.5		C3S1.5-		C4S0.5		C4S0.5-		C4S2-2		C4S2-2.		C5S0.8		C5S0.8							
			Lab ID	707963		667704		707935		708481		667705		707937		667711		667712		707938		665810		708376							
			Date collected	9/3/2003 3:10:00 PM		8/27/2003 2:15:00 PM		8/27/2003 2:15:00 PM		8/27/2003 2:20:00 PM		8/27/2003 2:20:00 PM		8/27/2003 3:25:00 PM		8/27/2003 3:25:00 PM		8/27/2003 3:40:00 PM		8/27/2003 3:40:00 PM		8/20/2003 10:35:00 AM		8/20/2003 10:35:00 AM							
			Sample Type	N		N		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	6.2		4.5		4.5		4.5		4.5		5.6		5.6		5.6		5.6		6.2		6.2							
			Excavated																												
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg			**28100**						**24600**	**J**			**20300**	**J**	**33500**	**J**			**4850.00**	**J**								
ANTIMONY	7440-36-0	**6**	mg/kg			**30.2**						**44.3**	**J**			**22.9**	**J**	**110**	**J**			3.70	J								
ARSENIC	7440-38-2	**19**	mg/kg	2.1	J			4.4	BJ	8.6	J			4.7	J					8.4	J			3.6	J						
BARIUM	7440-39-3	**1300**	mg/kg			65.4						83.1				41.3		128				24.60	J								
BERYLLIUM	7440-41-7	**0.5**	mg/kg					**6.2**		**4.5**	**J**			**0.77**						**1.6**		< 0.01	U								
CADMIUM	7440-43-9	**1**	mg/kg			< 0.6	U					< 0.65	U			< 0.56	U	< 0.81	U			< 0.57	U								
CALCIUM METAL	7440-70-2		mg/kg			60000						11800				33200		193000				11300	J								
CHROMIUM	7440-47-3		mg/kg			5530						7750				4170		21900				867.00	J								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			112						67.2				162		10400				25.9	J								
COBALT	7440-48-4	**59**	mg/kg			**156**						**101**				**83.1**		**117**				9.90									
COPPER	7440-50-8	**7300**	mg/kg			51.6	J					101	J			35.5	J	38.3	J			4.40	J								
CYANIDE	57-12-5	**13**	mg/kg															< 1.68	UJ												
IRON	7439-89-6		mg/kg			100000						57500				59700		70200				13800.00	J								
IRON (FERROUS)	15438-31-0		mg/kg																												
LEAD	7439-92-1	**59**	mg/kg			**117**	**J**					**91.9**	**J**			**60.6**	**J**	13	J			23.60	J								
MAGNESIUM	7439-95-4		mg/kg			55300						28100				27200		36400				4760	J								
MANGANESE	7439-96-5	**42**	mg/kg			**807**	**J**					**558**	**J**			**460**	**J**	**1040**	**J**			**77.20**	**J**								
MERCURY	7439-97-6	**0.1**	mg/kg			**0.19**	**J**					**0.16**	**J**			0.07	J	< 0.06	UJ			0.04	J								
MOLYBDENUM	7439-98-7		mg/kg																												
NICKEL	7440-02-0	**31**	mg/kg			**695**						**373**				**286**		**552**				**37.3**	**J**								
POTASSIUM	7440-09-7		mg/kg			< 240	U					795	J			307	J	675	J			319.00	J								
SELENIUM	7782-49-2	**7**	mg/kg			< 3	U					< 0.65	U			< 0.56	U	< 4	U			< 0.57	U								
SILVER	7440-22-4	**1**	mg/kg					< 2	U	< 2	UJ			< 1.9	U					< 2.6	U	< 1.1	U								
SODIUM	7440-23-5		mg/kg			1430						2820				5120		1540				194.00									
THALLIUM	7440-28-0	**3**	mg/kg	< 0.2	U			< 0.6	UJ			< 0.45	U			< 2	U			0.32	J	< 0.4	U								
VANADIUM	7440-62-2		mg/kg			4190						3620				389		354				73.40	J								
ZINC	7440-66-6	**600**	mg/kg			324						245				161		198				38.10	J								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	C5		C5		C5		C5		C6		C6		C6		C6		C7		C7		C7	
			Depth interval	3 - 3.5 ft		3 - 3.5 ft		3 - 3.5 ft		3 - 3.5 ft		0.5 - 1 ft		0.5 - 1 ft		3 - 3.5 ft		3 - 3.5 ft		0 - 0.5 ft		0.5 - 1 ft		3 - 3.5 ft	
			Sample ID	C5DS3		C5S3-3		C5S3-3.		C5S3D		C6S-.5		C6S0.5		C6S-3		C6S-3a		C7S-0		C7S-0.5		C7S-3	
			Lab ID	665814		665813		708377		708378		665817		708379		665818		708380		666236		666234		666235	
			Date collected	8/20/2003 11:05:00 AM		8/20/2003 11:00:00 AM		8/20/2003 11:00:00 AM		8/20/2003 11:05:00 AM		8/20/2003 12:15:00 PM		8/20/2003 12:15:00 PM		8/20/2003 12:20:00 PM		8/20/2003 12:20:00 PM		8/21/2003 10:12:00 AM		8/21/2003 10:10:00 AM		8/21/2003 10:15:00 AM	
			Sample Type	FD		N		N		FD		N		N		N		N		N		N		N	
			Depth to Groundwater	6.2		6.2		6.2		6.2		5.2		5.2		5.2		5.2		5.3		5.3		5.3	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**37500**	**J**	**34400**	**J**					3000	J			**16800**				**15400**		**13800**		**28500**	
ANTIMONY	7440-36-0	**6**	mg/kg	**38.90**		**38.10**						2.20	B			**36.90**				< 7.4	U	< 7.1	U	**194**	
ARSENIC	7440-38-2	**19**	mg/kg					9.4	J	9	J			4.4	J			10.9	J	2.5		3.4			
BARIUM	7440-39-3	**1300**	mg/kg	73.5	J	71.80	J					17.8	J			225.00				96.7		61.4		16.8	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.04	U	< 0.04	U					< 0.01	U			< 0.03	U			< 0.01	U	< 0.01	U	< 0.02	U
CADMIUM	7440-43-9	**1**	mg/kg	< 0.67	U	< 0.64	U					< 0.56	U			< 1.3	U			< 0.62	U	< 0.59	U	< 0.79	U
CALCIUM METAL	7440-70-2		mg/kg	92000.00	J	89200.00	J					4880	J			68000.00				8990		1620		285000	
CHROMIUM	7440-47-3		mg/kg	7730.00	J	7540.00	J					458.00	J			7470.00				561		238		31500	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg									59.2	J							15.6		< 4.85	U	6540	
COBALT	7440-48-4	**59**	mg/kg	**99.60**		**91.30**						5.60				**63.50**				9		7.4		**189**	
COPPER	7440-50-8	**7300**	mg/kg	25.00	J	36.00	J					3.10	J			233				174		21.7		< 3.2	U
CYANIDE	57-12-5	**13**	mg/kg	< 1.35	U	< 1.32	U									< 1.34	U					< 1.21	U		
IRON	7439-89-6		mg/kg	80500.00	J	91800.00	J					10100	J			84300.00				16500		16900		62800	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**143.00**	**J**	**155.00**	**J**					8.70	J			**168.00**				**81**		33.9		< 7.9	U
MAGNESIUM	7439-95-4		mg/kg	51300.00	J	48000	J					1580	J			17900				2220		1220		32100	
MANGANESE	7439-96-5	**42**	mg/kg	**758.00**	**J**	**753.00**	**J**					**52.20**	**J**			**638**				**192**		**173**		**990**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.19**	**J**	**0.16**	**J**					< 0.04	U			**0.22**				**0.29**		0.06		< 0.05	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**443**	**J**	**419**	**J**					14.5	J			**323.00**				**34.7**		**42.6**		**665**	
POTASSIUM	7440-09-7		mg/kg	1090	J	742.00	J					586.00				1050				576		429		< 316	U
SELENIUM	7782-49-2	**7**	mg/kg	< 0.67	U	< 1.9	U					< 0.56	U			< 1.3	U			0.78		< 0.59	U	< 7.9	U
SILVER	7440-22-4	**1**	mg/kg	< 4	U	< 3.8	U					< 1.1	U			< 2.6	U			< 1.2	U	< 1.2	U	< 1.6	U
SODIUM	7440-23-5		mg/kg	8350.00		9180.00						359.00				1860.00				147		< 118	U	1540	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.4	U	< 1.4	U					< 0.39	U			< 0.9	U			< 0.43	U	< 0.41	U	< 0.55	U
VANADIUM	7440-62-2		mg/kg	294	J	387	J					28.4	J			247.00				36.4		26.7		39.3	
ZINC	7440-66-6	**600**	mg/kg	463.00	J	**609**	**J**							21.4	J	311				267		63.3		104	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	C7		C8		C8		C8		C8		C9		C9		C9		C9		C9		C9		C9		C9	
			Depth interval	3 - 3.5 ft		0.5 - 1 ft		0.5 - 1 ft		1 - 1.5 ft		1 - 1.5 ft		0.5 - 1 ft		0.5 - 1 ft		1.5 - 2 ft		1.5 - 2 ft		2.5 - 3 ft		2.5 - 3 ft					
			Sample ID	C7S-3a		C8S0.5-1		C8S0.5-1.0		C8S-1		C8S-a		C9S0.5		C9S0.5-		C9S1.5		C9S1.5-		C9S2.5		C9S2.5-					
			Lab ID	707905		708526		666237		666238		708382		669414		708425		708426		669417		669415		708427					
			Date collected	8/21/2003 10:15:00 AM		8/21/2003 11:40:00 AM		8/21/2003 11:40:00 AM		8/21/2003 11:45:00 AM		8/21/2003 11:45:00 AM		9/3/2003 1:20:00 PM		9/3/2003 1:20:00 PM		9/3/2003 3:00:00 PM		9/3/2003 3:00:00 PM		9/3/2003 1:25:00 PM		9/3/2003 1:25:00 PM					
			Sample Type	N		N		N		N		N		N		N		N		N		N		N					
			Depth to Groundwater	5.3		7.6		7.6		7.6		7.6		5.8		5.8		5.8		5.8		5.8		5.8					
			Excavated			Yes		Yes		Yes		Yes																	
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg					**4200**		**11200**				**11000**						**11500**		**9600**							
ANTIMONY	7440-36-0	**6**	mg/kg					< 6.5	U	**37**				**17.6**	**J**					**32.2**		**38.8**							
ARSENIC	7440-38-2	**19**	mg/kg	3.6	J			0.75				8.3	J			12.4		7.5						6.2					
BARIUM	7440-39-3	**1300**	mg/kg					22		90.7				95.1	J					96.8	J	94.4	J						
BERYLLIUM	7440-41-7	**0.5**	mg/kg					< 0.01	U	< 0.06	U			< 0.01	UJ					< 0.06	UJ	< 0.06	UJ						
CADMIUM	7440-43-9	**1**	mg/kg					< 0.54	U	< 0.55	U			< 0.58	U					< 0.6	U	< 0.58	U						
CALCIUM METAL	7440-70-2		mg/kg					22600		36300				15200						22700		25900							
CHROMIUM	7440-47-3		mg/kg					128		5570				3280						5460		6780							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg					13.9		242				222	J					198	J	367	J						
COBALT	7440-48-4	**59**	mg/kg					< 5.4	U	36.7				18.2	J					35.2	J	23.3	J						
COPPER	7440-50-8	**7300**	mg/kg					12.5		59.7				40.7	J					114	J	59.4	J						
CYANIDE	57-12-5	**13**	mg/kg																			< 1.21	U						
IRON	7439-89-6		mg/kg					5820		40700				27300	J					32600	J	30200	J						
IRON (FERROUS)	15438-31-0		mg/kg																										
LEAD	7439-92-1	**59**	mg/kg					7.7		**237**				**221**	**J**					**243**	**J**	**273**	**J**						
MAGNESIUM	7439-95-4		mg/kg					1710		12300				6820	J					13400	J	8880	J						
MANGANESE	7439-96-5	**42**	mg/kg					**70.5**		**418**				**375**						**441**		**403**							
MERCURY	7439-97-6	**0.1**	mg/kg					< 0.03	U	**0.28**				**0.9**						**0.21**		**1.9**							
MOLYBDENUM	7439-98-7		mg/kg																										
NICKEL	7440-02-0	**31**	mg/kg					9.6		**169**				**67.7**	**J**					**137**	**J**	**82.3**	**J**						
POTASSIUM	7440-09-7		mg/kg					349		1240				1070						1620		1460							
SELENIUM	7782-49-2	**7**	mg/kg					< 0.54	U	< 0.55	U			< 0.58	U					< 0.6	U	< 2.9	U						
SILVER	7440-22-4	**1**	mg/kg					< 1.1	U	< 5.5	U			< 1.2	UJ					< 1.2	UJ	< 1.2	UJ						
SODIUM	7440-23-5		mg/kg					303		603				861						3690		3170							
THALLIUM	7440-28-0	**3**	mg/kg					< 0.38	U	< 0.38	U			< 0.41	U					< 0.42	U	< 0.41	U						
VANADIUM	7440-62-2		mg/kg					26.1		523				126	J					211	J	70	J						
ZINC	7440-66-6	**600**	mg/kg			32.5				265				211	J					339	J	202	J						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	CHEM-3		CHEM-5		CHEM-5		CHEM-6		CHEM-6		D10		D10		D10		D10		D2		D2					
			Depth interval	1 - 2 ft		1 - 2 ft		5 - 7 ft		0 - 2 ft		5 - 7 ft		0.5 - 1 ft		1.5 - 2 ft		2 - 4 ft		4 - 5 ft		0.7 - 1.4 ft		0.7 - 1.4 ft					
			Sample ID	CHEM3-1-2		CHEM5-1-2		CHEM5-5-7		CHEM6-0-2		CHEM6-5-7		D10S0.5		D10S1.5		D10S2		D10S4		D2S0.7		D2S0.7-					
			Lab ID	JA74890-9		JA74890-5		JA74890-6		JA74890-1		JA74890-2		666266		666267		689434		689444		707921		666975					
			Date collected	5/3/2011 1:20:00 PM		5/3/2011 10:05:00 AM		5/3/2011 10:25:00 AM		5/3/2011 8:15:00 AM		5/3/2011 8:20:00 AM		8/21/2003 4:50:00 PM		8/21/2003 4:43:00 PM		11/17/2003 1:40:00 PM		11/17/2003 1:47:00 PM		8/25/2003 3:30:00 PM		8/25/2003 3:30:00 PM					
			Sample Type	N		N		N		N		N		N		N		N		N		N		N					
			Depth to Groundwater	5		5.9		5.9		5.2		5.2		4.5		4.5		4.5		4.5		5.1		5.1					
			Excavated																										
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q				
ALUMINUM	7429-90-5	**3900**	mg/kg			**21500**		**20000**						**5440**	**J**	**4160**	**J**	**6020**		**15300**				**23000**					
ANTIMONY	7440-36-0	**6**	mg/kg			**12.8**	**J**	**6.8**	**J**					**13.6**	**J**	< 7.4	UJ	**13.4**	**J**	0.94	B			**38.6**	**J**				
ARSENIC	7440-38-2	**19**	mg/kg			0.65	J	0.59	J					**53.5**	**J**	**107**	**J**	**109**	**J**	9.9	J	4.6	J						
BARIUM	7440-39-3	**1300**	mg/kg			17.5	J	15.0	J					108		96.7		150		59.8				62.4					
BERYLLIUM	7440-41-7	**0.5**	mg/kg			**2.1**		**1.4**						< 0.03	UJ	< 0.01	UJ	0.19	BJ	**1.8**	**J**	**1.6**	**BJ**						
CADMIUM	7440-43-9	**1**	mg/kg			< 0.22	U	< 0.091	U					< 0.55	U	< 0.61	U	< 0.02	UJ	< 0.02	U			< 0.66	U				
CALCIUM METAL	7440-70-2		mg/kg			40400		36500						3370	J	1600	J	2930		13800				57400					
CHROMIUM	7440-47-3		mg/kg	3300		7550		6670		7600		2230		211	J	1520	J	3640		300				6900					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	82.7		278		235		521		223		12.5	J			< 5.36	UJ	< 4.9	UJ			293	J				
COBALT	7440-48-4	**59**	mg/kg			**227**		**195**						6.8	J	< 6.1	UJ	18.1		45.6				**134**					
COPPER	7440-50-8	**7300**	mg/kg			26.5		26.4						49.5	J	< 2.5	UJ	252	J	38.3	J			65.5	J				
CYANIDE	57-12-5	**13**	mg/kg													< 1.27	U			< 1.22	U								
IRON	7439-89-6		mg/kg			115000		108000						65600	J	97900	J	43300		20700				95100					
IRON (FERROUS)	15438-31-0		mg/kg																										
LEAD	7439-92-1	**59**	mg/kg			13.6		15.8						**2320**	**J**	**195**	**J**	**9050**	**J**	**576**	**J**			**85.6**					
MAGNESIUM	7439-95-4		mg/kg			63100		53200						2570	J	871	J	966		2370				48500					
MANGANESE	7439-96-5	**42**	mg/kg			**946**		**868**						**193**	**J**	**428**	**J**	**109**		**243**				**759**					
MERCURY	7439-97-6	**0.1**	mg/kg			< 0.017	U	< 0.018	U					**0.74**		**0.33**		**1.5**		**0.65**				**0.11**	**J**				
MOLYBDENUM	7439-98-7		mg/kg																										
NICKEL	7440-02-0	**31**	mg/kg			**833**		**736**						12.1	J	6.6	J	**35.6**		**91.3**				**483**					
POTASSIUM	7440-09-7		mg/kg			71.5	J	105	J					1540		2310		756		786				992					
SELENIUM	7782-49-2	**7**	mg/kg			1.7	J	< 0.71	U					**12**		**16.3**		**12.9**		< 0.42	U			< 3.3	U				
SILVER	7440-22-4	**1**	mg/kg			< 0.45	U	< 0.18	U					< 1.1	UJ	< 1.2	UJ	< 0.07	UJ	< 0.06	U			< 1.3	U				
SODIUM	7440-23-5		mg/kg			1450		1590						2240	J	4600	J	378		273				2050					
THALLIUM	7440-28-0	**3**	mg/kg			< 0.81	U	< 1.4	U					< 0.39	U	< 1.3	U	1.9		< 0.48	U	0.24	J						
VANADIUM	7440-62-2		mg/kg			949		636						42.4		50.3		81.5		40.9				663	J				
ZINC	7440-66-6	**600**	mg/kg			447		349						119	J	362	J	383	J	**952**	**J**			273	J				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	D2		D2		D2V		D4		D4		D4		D4		D4		D4A		D4A		D4A							
			Depth interval	1.5 - 2 ft		1.5 - 2 ft		4 - 4.5 ft		0.5 - 1 ft		0.5 - 1 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		0.85 - 0.95 ft		1.5 - 2.04 ft		1.5 - 2.04 ft							
			Sample ID	D2S1.5		D2S1.5-		D2VA4		D4S0.5		D4S0.5-				D4S1.5		D4S1.5-		D4A085		D4A1.5		D4A1.5D							
			Lab ID	666976		707922		853428		667688		707930		857266		667690		707932		J8972-32		J8972-33		J8972-34							
			Date collected	8/25/2003 3:35:00 PM		8/25/2003 3:35:00 PM		10/21/2005 11:20:00 AM		8/27/2003 10:55:00 AM		8/27/2003 10:55:00 AM		8/30/2007 10:50:00 AM		8/27/2003 11:25:00 AM		8/27/2003 11:25:00 AM		9/7/2005 8:27:00 AM		9/7/2005 8:34:00 AM		9/7/2005 8:34:00 AM							
			Sample Type	N		N		N		N		N		N		N		N		N		N		FD							
			Depth to Groundwater	5.1		5.1		5.2		3.8		3.8		3.8		3.8		3.8		3.8		3.8		3.8							
			Excavated																												
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg	**28700**						**29200**	**J**					**25000**	**J**			**34600**		**24900**		**26900**							
ANTIMONY	7440-36-0	**6**	mg/kg	**75.3**						**38.9**	**J**					**49.2**	**J**			< 1.4	U	< 1.4	U	< 1.3	U						
ARSENIC	7440-38-2	**19**	mg/kg			6.6	J					2.4	J	< 0.90	U			3.8	J	5.8		3.7		4.2							
BARIUM	7440-39-3	**1300**	mg/kg	55.7						29.5				20.5		37				35		30.4		36.2							
BERYLLIUM	7440-41-7	**0.5**	mg/kg			**1.9**	**BJ**					**1.9**	**BJ**					**1.9**	**BJ**	< 0.71	U	< 0.69	U	< 0.64	U						
CADMIUM	7440-43-9	**1**	mg/kg	< 0.68	U					< 0.66	U			< 0.11	U	< 0.71	U			< 0.71	U	< 0.69	U	< 0.64	U						
CALCIUM METAL	7440-70-2		mg/kg	124000						70400						135000				120000		52700		50100							
CHROMIUM	7440-47-3		mg/kg	13100						7020				6260		8580				6270		5220		5000							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	1780				2530		359				139						1340		112									
COBALT	7440-48-4	**59**	mg/kg	**143**						**174**						**137**				**200**		**158**		**144**							
COPPER	7440-50-8	**7300**	mg/kg	41.5	J					32.2	J					30.5	J			38.5		37.9		36.3							
CYANIDE	57-12-5	**13**	mg/kg													< 1.45	UJ														
IRON	7439-89-6		mg/kg	101000						120000						75400				142000		119000		111000							
IRON (FERROUS)	15438-31-0		mg/kg																	< 1.5	U	< 1.4	U	< 1.3	U						
LEAD	7439-92-1	**59**	mg/kg	54.2						27.2	J			14.2		44	J			19.9		21.2		22							
MAGNESIUM	7439-95-4		mg/kg	55000						66300						93600				68600		47900		42500							
MANGANESE	7439-96-5	**42**	mg/kg	**880**						**932**	**J**					**803**	**J**			**1360**		**757**		**660**							
MERCURY	7439-97-6	**0.1**	mg/kg	0.07	J					< 0.04	UJ			< 0.023	U	< 0.05	UJ			0.05		0.055		0.044							
MOLYBDENUM	7439-98-7		mg/kg																												
NICKEL	7440-02-0	**31**	mg/kg	**570**						**673**						**584**				**711**		**576**		**536**							
POTASSIUM	7440-09-7		mg/kg	< 274	U					< 266	UJ					< 285	UJ			< 710	U	< 690	U	< 640	U						
SELENIUM	7782-49-2	**7**	mg/kg	< 0.68	UJ					< 3.3	U			< 1.2	U	< 0.71	U			2.1		3.4		3.5							
SILVER	7440-22-4	**1**	mg/kg	< 1.4	U							< 2.1	U	< 0.39	U					< 1.4	U	**1.4**		**4.4**							
SODIUM	7440-23-5		mg/kg	1620						3870						2220				1900		4190		6040							
THALLIUM	7440-28-0	**3**	mg/kg			< 0.22	UJ					< 0.66	UJ					0.63	J	< 1.4	U	< 1.4	U	< 1.3	U						
VANADIUM	7440-62-2		mg/kg	613	J					1040						990				2080		609		672							
ZINC	7440-66-6	**600**	mg/kg	235	J					307						289				394		277		248							

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	D4A		D5		D5		D5		D5		D5		D6		D6		D6		D6		D7			
			Depth interval	1.5 - 2.04 ft		0.5 - 1 ft		2.2 - 3 ft		2.2 - 3 ft		3.5 - 4 ft		3.5 - 4 ft		0 - 0.5 ft		0 - 0.5 ft		1.5 - 2 ft		1.5 - 2 ft		0.5 - 1 ft			
			Sample ID	D4A1.D		D5S0.5		D5S2.2		D5S2.2-		D5S3.5		D5S3.5-		D6S0		D6S0-		D6S1.5		D6S1.5-		D7S0.5			
			Lab ID	J8972-34		665806		708384		665808		707900		665807		669394		707961		669392		707960		708365			
			Date collected	9/7/2005 8:34:00 AM		8/20/2003 8:40:00 AM		8/20/2003 9:40:00 AM		8/20/2003 9:40:00 AM		8/20/2003 9:25:00 AM		8/20/2003 9:20:00 AM		9/3/2003 1:00:00 PM		9/3/2003 1:00:00 PM		9/3/2003 11:40:00 AM		9/3/2003 11:40:00 AM		8/21/2003 2:20:00 PM			
			Sample Type	FD		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	3.8		4		4		4		4		4		3.3		3.3		3.3		3.3		4.4			
			Excavated																					Yes			
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg			896	J			**14700**				**32200**	**J**	**39400**				**33700**							
ANTIMONY	7440-36-0	**6**	mg/kg			< 0.43	UJ			**20.1**				**149**		**49.4**				**72.5**							
ARSENIC	7440-38-2	**19**	mg/kg			2.2	J	4.3	J			16	J					12	J			9.8	J	1	J		
BARIUM	7440-39-3	**1300**	mg/kg	36.2		12	J			27.5				91.1	J	91.5	J			63.3	J						
BERYLLIUM	7440-41-7	**0.5**	mg/kg			0.13	J			< 0.04	U			< 0.08	U	< 0.07	UJ			< 0.02	UJ						
CADMIUM	7440-43-9	**1**	mg/kg			< 0.56	U			< 0.59	U			< 0.76	U	< 0.72	U			< 0.96	U						
CALCIUM METAL	7440-70-2		mg/kg			370	J			40600				307000	J	96300				195000							
CHROMIUM	7440-47-3		mg/kg			18.5	J			4280				28900	J	9240				12800							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	112		< 4.53	UJ									7.01	J			4480	J						
COBALT	7440-48-4	**59**	mg/kg			< 5.6	U			**82.6**				**160**		**76.7**	**J**			**244**	**J**						
COPPER	7440-50-8	**7300**	mg/kg			< 2.2	UJ			6.4				7.6	J	70.5	J			14.3	J						
CYANIDE	57-12-5	**13**	mg/kg											< 1.55	U					< 1.98	U						
IRON	7439-89-6		mg/kg			5150	J			56300				60800	J	54500	J			57000	J						
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg			3.3	J			27.5				4.7	J	**89.5**	**J**			< 48.1	UJ						
MAGNESIUM	7439-95-4		mg/kg			117	J			30100				35400	J	44900	J			34100	J						
MANGANESE	7439-96-5	**42**	mg/kg			**42.5**	**J**			**427**				**1500**	**J**	**728**				**1130**							
MERCURY	7439-97-6	**0.1**	mg/kg			< 0.04	U			< 0.04	U			< 0.05	U	**0.12**				< 0.06	U						
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg			< 4.4	UJ			**324**				**794**	**J**	**339**	**J**			**617**	**J**						
POTASSIUM	7440-09-7		mg/kg			< 222	UJ			356				< 304	UJ	< 286	U			< 385	U						
SELENIUM	7782-49-2	**7**	mg/kg			< 0.56	U			< 0.59	U			< 0.76	U	< 0.72	U			< 4.8	U						
SILVER	7440-22-4	**1**	mg/kg			< 1.1	U			< 3.6	U			< 7.6	U	< 7.2	UJ			< 1.9	UJ						
SODIUM	7440-23-5		mg/kg			235				2400				2110		822				749							
THALLIUM	7440-28-0	**3**	mg/kg			< 0.39	U			< 0.42	U	0.3	J					0.39				0.85					
VANADIUM	7440-62-2		mg/kg			9.1	J			409				239	J	392	J			220	J						
ZINC	7440-66-6	**600**	mg/kg			5.8	J			149				180	J	232	J			95.5	J						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	D7				D7				D7				D8				D8				D8				D8				D8				D9				D9			
			Depth interval	0.5 - 1 ft				3 - 3.5 ft				3 - 3.5 ft				0.5 - 1 ft				0.5 - 1 ft				1 - 1.8 ft				1 - 1.8 ft				2 - 2.5 ft				2 - 2.5 ft				0.5 - 1 ft			
			Sample ID	D7S0.5-				D7S3				D7S3.0				D8S0.5				D8S0.5-				D8S1				D8S1-				D8S2				D8S2-				D9S0.5			
			Lab ID	666244				708366				666241				708527				666432				708428				666431				694411				715817				666257			
			Date collected	8/21/2003 2:20:00 PM				8/21/2003 2:10:00 PM				8/21/2003 2:10:00 PM				8/21/2003 1:20:00 PM				8/21/2003 1:20:00 PM				8/21/2003 2:00:00 PM				8/21/2003 2:00:00 PM				12/8/2003 2:48:00 PM				12/8/2003 2:48:00 PM				8/21/2003 3:15:00 PM			
			Sample Type	N				N				N				N				N				N				N				N				N				N			
			Depth to Groundwater	4.4				4.4				4.4				5				5				5				5				5				5				5			
			Excavated	Yes				Yes				Yes				Yes				Yes				Yes				Yes				Yes											
Analyte	CAS-RN	DIGWSSL	Units	R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q		R		Q	
ALUMINUM	7429-90-5	**3900**	mg/kg	1910	J							2730	J							2830	J							**17800**	**J**			**14700**								**8950**	**J**		
ANTIMONY	7440-36-0	**6**	mg/kg	< 6.1	UJ							< 6.9	UJ							< 7	UJ							**31.3**	**J**			**36.8**								**17.9**	**J**		
ARSENIC	7440-38-2	**19**	mg/kg					1.8	J											< 0.23	U			9.8	J											8.3						11	J
BARIUM	7440-39-3	**1300**	mg/kg	16.4								16.2								25.6								108				70.4								75.9			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.01	UJ							< 0.01	UJ							< 0.01	UJ							< 0.07	UJ			< 0.02	U							< 0.03	UJ		
CADMIUM	7440-43-9	**1**	mg/kg	< 0.51	U							< 0.58	U							< 0.58	U							< 0.64	U			< 0.02	U							< 0.54	U		
CALCIUM METAL	7440-70-2		mg/kg	4000	J							16000	J							22900	J							99000	J			156000	J							20000	J		
CHROMIUM	7440-47-3		mg/kg	254	J							871	J							117	J							7040	J			10400								4180	J		
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	10.2	J															5.49	J							692	J			4590								545	J		
COBALT	7440-48-4	**59**	mg/kg	9.1	J							8.8	J							< 5.8	UJ							**62.7**	**J**			**62**								16.2	J		
COPPER	7440-50-8	**7300**	mg/kg	14.1	J							13.1	J							5	J							47.9	J			17.1	BJ							43.2	J		
CYANIDE	57-12-5	**13**	mg/kg									< 1.18	U																															
IRON	7439-89-6		mg/kg	4140	J							6320	J							4450	J							37400	J			27600								28900	J		
IRON (FERROUS)	15438-31-0		mg/kg																																								
LEAD	7439-92-1	**59**	mg/kg	8.4	J							12.8	J							9.9	J							**104**	**J**			18.7								**126**	**J**		
MAGNESIUM	7439-95-4		mg/kg	819	J							3110	J							1450	J							21600	J			16200								5420	J		
MANGANESE	7439-96-5	**42**	mg/kg	40	J							**65.4**	**J**							**50.9**	**J**							**497**	**J**			**379**	**J**							**279**	**J**		
MERCURY	7439-97-6	**0.1**	mg/kg	0.04								0.04								< 0.04	U							**0.33**				< 0.006	UJ							**0.52**			
MOLYBDENUM	7439-98-7		mg/kg																																								
NICKEL	7440-02-0	**31**	mg/kg	10.3	J							**32**	**J**							6.4	J							**237**	**J**			**191**								**59.7**	**J**		
POTASSIUM	7440-09-7		mg/kg	< 204	U							< 230	U							< 232	U							985				1570								1180			
SELENIUM	7782-49-2	**7**	mg/kg	< 0.51	U							< 0.58	U							< 0.58	U							< 3.2	U			< 2.4	UJ							< 0.54	U		
SILVER	7440-22-4	**1**	mg/kg	< 1	UJ							< 1.2	UJ							< 1.2	UJ							< 1.3	UJ			**22.1**	**J**							< 1.1	UJ		
SODIUM	7440-23-5		mg/kg	< 102	UJ							< 115	UJ							< 116	UJ							1210	J			1020								529	J		
THALLIUM	7440-28-0	**3**	mg/kg	< 0.36	UJ							< 0.4	U							< 0.41	U			0.36	J							< 0.54	U							< 0.38	U		
VANADIUM	7440-62-2		mg/kg	16.4	J							43.1								15.1	J							228				26.4	J							281			
ZINC	7440-66-6	**600**	mg/kg		R			25.3	J							18.9	J											201	J			30.5	J							200	J		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		D9		D9		E1		E1		E1		E1		E10		E10		E10		E10		E2	
				Depth interval		1.5 - 2 ft		1.5 - 2 ft		0.5 - 1 ft		0.5 - 1 ft		1 - 1.5 ft		1 - 1.5 ft		0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		0.6 - 1.2 ft	
				Sample ID		D9S1.5		D9S1.5-		E1S0.5		E1S0.5-		E1S1		E1S1-		E10S0.		E10S0.5		E10S2		E10S2-		E2S0.6	
				Lab ID		666259		707909		666398		708430		666399		708431		708369		666263		666264		707910		666994	
				Date collected		8/21/2003 3:20:00 PM		8/21/2003 3:20:00 PM		8/22/2003 10:40:00 AM		8/22/2003 10:40:00 AM		8/22/2003 10:50:00 AM		8/22/2003 10:50:00 AM		8/21/2003 4:00:00 PM		8/21/2003 4:00:00 PM		8/21/2003 4:05:00 PM		8/21/2003 4:05:00 PM		8/25/2003 1:25:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5		5		5.6		5.6		5.6		5.6		4.9		4.9		4.9		4.9		4.9	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**10500**	**J**			**17700**	**J**			**23800**	**J**					**14900**	**J**	**18800**	**J**			**26800**	
ANTIMONY	7440-36-0	**6**	mg/kg	**46.1**	**J**			**37.5**	**BJ**			**59.8**	**J**					**11.4**	**J**	**31.8**	**J**			**45.3**	
ARSENIC	7440-38-2	**19**	mg/kg			7.6	J			10.7	J			3.6	J	9.8	J					17.4	J		
BARIUM	7440-39-3	**1300**	mg/kg	87.1				142	J			86	J					110		28.3				98.3	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.06	UJ			< 0.13	UJ			< 0.13	UJ					< 0.11	UJ	< 0.01	UJ				
CADMIUM	7440-43-9	**1**	mg/kg	< 0.56	U			< 0.63	U			< 0.63	U					< 0.56	U	< 0.69	U			0.6	
CALCIUM METAL	7440-70-2		mg/kg	18000	J			52300	J			75500	J					23500	J	98200	J			66700	
CHROMIUM	7440-47-3		mg/kg	11100	J			5400	J			8870						2340	J	7430	J			7680	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	1420	J			145	J			176						66.7	J					271	J
COBALT	7440-48-4	**59**	mg/kg	23.3	J			**90**	**J**			**149**	**J**					33.6	J	**91.9**	**J**			**80.2**	
COPPER	7440-50-8	**7300**	mg/kg	33.2	J			79.3	J			54.2	J					210	J	32.4	J			76.6	J
CYANIDE	57-12-5	**13**	mg/kg																	< 1.39	U				
IRON	7439-89-6		mg/kg	31900	J			62600	J			103000	J					44600	J	56500	J			62600	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**185**	**J**			**307**	**J**			**216**	**J**					**109**	**J**	11	J			**93.9**	
MAGNESIUM	7439-95-4		mg/kg	8210	J			30900	J			51200	J					7720	J	20000	J			33600	
MANGANESE	7439-96-5	**42**	mg/kg	**421**	**J**			**586**	**J**			**790**	**J**					**350**	**J**	**479**	**J**			**629**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.87**				**0.4**				**0.24**						**0.22**		< 0.04	U			**0.14**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**88.2**	**J**			**338**	**J**			**569**	**J**					**108**	**J**	**332**	**J**			**298**	
POTASSIUM	7440-09-7		mg/kg	1920				702				382						1600		402				1130	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.56	U			< 6.3	U			< 0.63	U					0.85		3.1				< 0.59	UJ
SILVER	7440-22-4	**1**	mg/kg	< 1.1	UJ			< 12.6	UJ			< 12.6	UJ					< 1.1	UJ	< 1.4	UJ			< 1.2	U
SODIUM	7440-23-5		mg/kg	616	J			914	J			1730	J					788	J	283	J			1650	
THALLIUM	7440-28-0	**3**	mg/kg	< 0.39	U					0.33	J			0.5	J			< 0.39	U	< 0.48	U				
VANADIUM	7440-62-2		mg/kg	405				511	J			588	J					223		125				419	J
ZINC	7440-66-6	**600**	mg/kg	306	J			313	J			350	J					175	J	105	J			193	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	E2		E2		E2		E3		E3		E3		E3		E3		E3		E4		E4			
			Depth interval	0.6 - 1.2 ft		1.5 - 2 ft		1.5 - 2 ft		2 - 2.5 ft		2 - 2.5 ft		2 - 2.5 ft		2 - 2.5 ft		2.5 - 3 ft		2.5 - 3 ft		0.5 - 1 ft		0.5 - 1 ft			
			Sample ID	E2S0.6-		E2S1.5		E2S1.5-		E3DS2		E3S2		E3S2-2.		E3S2D		E3S2.5		E3S2.5-		E4S0.5		E4S0.5-			
			Lab ID	707924		666995		707920		667356		667355		707925		708432		667357		707926		667676		708492			
			Date collected	8/25/2003 1:25:00 PM		8/25/2003 1:30:00 PM		8/25/2003 1:30:00 PM		8/26/2003 8:05:00 AM		8/26/2003 8:00:00 AM		8/26/2003 8:00:00 AM		8/26/2003 8:05:00 AM		8/26/2003 8:10:00 AM		8/26/2003 8:10:00 AM		8/27/2003 9:25:00 AM		8/27/2003 9:25:00 AM			
			Sample Type	N		N		N		FD		N		N		FD		N		N		N		N			
			Depth to Groundwater	4.9		4.9		4.9		3.7		3.7		3.7		3.7		3.7		3.7		3.7		3.7			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg			**29800**				**27200**		**31200**						**29100**	**J**			**20400**	**J**				
ANTIMONY	7440-36-0	**6**	mg/kg			**167**				**45.3**	**J**	**45.3**	**J**					**101**	**J**			**33.1**	**J**				
ARSENIC	7440-38-2	**19**	mg/kg	4.2	BJ			4.4	BJ	< 12.9	U	< 13.9	U							4.8	J			1.8	J		
BARIUM	7440-39-3	**1300**	mg/kg			43.3				54.3		58						47.6	J			25.9					
BERYLLIUM	7440-41-7	**0.5**	mg/kg	**1.1**	**BJ**			**1**	**BJ**	< 0.07	U	< 0.07	U					< 0.08	U					**0.85**	**J**		
CADMIUM	7440-43-9	**1**	mg/kg			< 0.83	U			< 0.64	U	< 0.69	U					< 0.74	U			< 0.66	U				
CALCIUM METAL	7440-70-2		mg/kg			315000				61800		56700						146000	J			48800					
CHROMIUM	7440-47-3		mg/kg			29400				7150		7110						16600	J			5790					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			7500	J			259	J	246	J					2290	J			61.4					
COBALT	7440-48-4	**59**	mg/kg			**102**				**120**		**135**						**125**				**183**					
COPPER	7440-50-8	**7300**	mg/kg			12.7	J			28.7		26.8						26.6				31.3	J				
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg			61200				78100		85800						82400	J			115000					
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg			5.1				**59.6**	**J**	**152**	**J**					41.8	J			21.2	J				
MAGNESIUM	7439-95-4		mg/kg			38600				42300		48800						43400	J			62100					
MANGANESE	7439-96-5	**42**	mg/kg			**733**				**645**		**687**						**751**	**J**			**791**	**J**				
MERCURY	7439-97-6	**0.1**	mg/kg			< 0.05	UJ			**0.14**		**0.16**						0.05				< 0.04	UJ				
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg			**594**				**468**		**525**						**552**				**720**					
POTASSIUM	7440-09-7		mg/kg			< 332	U			410		389						309	J			283	J				
SELENIUM	7782-49-2	**7**	mg/kg			< 4.2	U			< 0.64	U	1.8						< 0.74	U			< 3.3	U				
SILVER	7440-22-4	**1**	mg/kg			< 1.7	U			< 1.3	U	< 1.4	U					< 1.5	U					< 2.1	UJ		
SODIUM	7440-23-5		mg/kg			807				1260		1290						1560	J			1610					
THALLIUM	7440-28-0	**3**	mg/kg	0.27	J	< 0.58	U							0.41	J	0.48	J			0.26	J			0.23	J		
VANADIUM	7440-62-2		mg/kg			258	J			588		645						634				820					
ZINC	7440-66-6	**600**	mg/kg			92.8	J			254		334						202	J			302					

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

				Location		E5		E5		E5		E5A		E5A		E5A		E6		E6		E6V		E6V		E7	
				Depth interval		0.5 - 1 ft		0.5 - 1 ft		3.5 - 4 ft		0.52 - 1.12 ft		1.75 - 1.83 ft		1.96 - 2.65 ft		0.5 - 1 ft		1.5 - 2 ft		4 - 4.5 ft		4 - 4.5 ft		0.5 - 1 ft	
				Sample ID		E5S0.5		E5S0.5-		E5S3.5		E5A0.5b		E5A1.7		E5A1.96		E6S0.5		E6S1.5		E6_E6V (4.0-4.5)		E6VA4		E7S0.5	
				Lab ID		668365		707941		668366		J8861-18		J8861-12		J8861-17		668371		668376		856528		J11857-7		669385	
				Date collected		8/29/2003 9:50:00 AM		8/29/2003 9:50:00 AM		8/29/2003 10:00:00 AM		9/6/2005 2:09:00 PM		9/6/2005 2:23:00 PM		9/6/2005 2:23:00 PM		8/29/2003 11:00:00 AM		8/29/2003 11:40:00 AM		8/27/2007		10/6/2005 3:00:00 PM		9/3/2003 7:45:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		3.8		3.8		3.8		3.8		3.8		3.8		4.8		4.8		4.7		4.7		5.7	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**30100**				**79400**		**29900**		**136000**		**20400**		**11700**		**13200**								2750	
ANTIMONY	7440-36-0	**6**	mg/kg	**30.6**	**J**			**35**	**J**	< 2.7	U	< 1.2	U	< 3	U	< 0.44	UJ	**34**	**J**							2.8	B
ARSENIC	7440-38-2	**19**	mg/kg	< 12.5	UJ			< 15.1	UJ	4.5		< 1.2	U	< 3	U	< 2.3	UJ	< 5.9	UJ	4.9							
BARIUM	7440-39-3	**1300**	mg/kg	52.8	J			18.9	J	78		< 24	U	< 60	U	98.4	J	64.2	J	68.7						20.1	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.13	U			< 0.08	U	< 0.67	U	< 0.61	U	< 1.5	U	< 0.01	U	< 0.01	U							0.02	B
CADMIUM	7440-43-9	**1**	mg/kg	< 3.1	U			< 3.8	U	< 0.67	U	< 1.8	U	< 1.5	U	< 0.56	U	< 0.73	U	0.80						< 0.62	U
CALCIUM METAL	7440-70-2		mg/kg	70000				35300		70500		35900		51600		25500		75900								7170	
CHROMIUM	7440-47-3		mg/kg	6500				7460		8140		3100		9360		1320		6280		2980						565	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	221	J			161	J	87.6		1610		4230		50.2	J	308	J	94.0		91.3				44.1	J
COBALT	7440-48-4	**59**	mg/kg	**180**	**J**			**148**	**J**	**141**		21		**226**		16.5	J	35.5	J							17.5	J
COPPER	7440-50-8	**7300**	mg/kg	40.4				26.9		277		12.1		14.1		21.5		41.8								7.7	J
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	117000				86700		99200		11600		122000		18500		31200								4400	J
IRON (FERROUS)	15438-31-0		mg/kg							< 1.3	U	< 1.3	U	< 1.6	U												
LEAD	7439-92-1	**59**	mg/kg	**90.2**	**J**			27.3	J	**165**		27.3		8.9		53.9	J	**80.1**	**J**	**73.1**						14.2	J
MAGNESIUM	7439-95-4		mg/kg	67100				47800		54100		7740		63100		5810		11300								1410	J
MANGANESE	7439-96-5	**42**	mg/kg	**989**				**666**		**786**		**120**		**859**		**214**		**283**								**42.1**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.34**	**J**			0.05	J	**0.51**		0.052		< 0.047	U	**0.24**	**J**	**0.2**	**J**	**0.63**						**0.19**	
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**647**	**J**			**564**	**J**	**943**		**86.5**		**812**		**57.2**	**J**	**161**	**J**							16.3	J
POTASSIUM	7440-09-7		mg/kg	< 250	U			505		< 670	U	< 610	U	< 1500	U	379		< 292	U							468	
SELENIUM	7782-49-2	**7**	mg/kg	< 3.1	U			< 3.8	U	3.5		< 1.2	U	4		< 0.56	U	< 0.73	U	< 1.2	U					< 0.62	U
SILVER	7440-22-4	**1**	mg/kg	< 12.5	U			< 7.5	U	< 1.3	U	< 1.2	U	< 3	U	< 1.1	U	< 1.5	U	< 0.63	U					< 1.2	UJ
SODIUM	7440-23-5		mg/kg	1280	J			2560	J	1430		910		< 1500	U	377	J	722	J							450	
THALLIUM	7440-28-0	**3**	mg/kg			0.34	J	< 0.53	U	< 2.7	U	< 3.6	U	< 3	U	< 0.4	U	< 0.51	U							< 0.44	U
VANADIUM	7440-62-2		mg/kg	1000				808		1060		1030		1810		143		272								34.6	J
ZINC	7440-66-6	**600**	mg/kg	347	J			253	J	378		60.1		378		96.9	J	184	J							28.7	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	E7		E7		E7		E8		E8		E8		E8		E9		E9		E9		E9							
			Depth interval	0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		0.5 - 1 ft		0.5 - 1 ft		1.5 - 2 ft		1.5 - 2 ft							
			Sample ID	E7S0.5-		E7S2		E7S2-		E8S0.5		E8S0.5-		E8S2		E8S2-		E9S0.5		E9S0.5-		E9S1.5		E9S1.5-							
			Lab ID	708435		707957		669386		667717		708496		667718		708497		669395		708510		669413		707958							
			Date collected	9/3/2003 7:45:00 AM		9/3/2003 8:10:00 AM		9/3/2003 8:10:00 AM		8/27/2003 4:50:00 PM		8/27/2003 4:50:00 PM		8/27/2003 5:10:00 PM		8/27/2003 5:10:00 PM		9/3/2003 2:00:00 PM		9/3/2003 2:00:00 PM		9/3/2003 2:05:00 PM		9/3/2003 2:05:00 PM							
			Sample Type	N		N		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	5.7		5.7		5.7		5.6		5.6		5.6		5.6		5		5		5		5							
			Excavated							Yes		Yes		Yes		Yes															
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg					**29500**		**4390**	**J**			**21700**	**J**			**11000**				**9080**									
ANTIMONY	7440-36-0	**6**	mg/kg					**97.3**		**6.8**	**BJ**			**41.5**	**J**			5.6	BJ			**65.3**									
ARSENIC	7440-38-2	**19**	mg/kg	1.7		**21.2**	**J**					1.5	J			6.4	J			3.3				**24.2**	**J**						
BARIUM	7440-39-3	**1300**	mg/kg					79.3	J	20.8				104				58.9	J			161	J								
BERYLLIUM	7440-41-7	**0.5**	mg/kg					< 0.06	UJ	< 0.01	U				R			< 0.05	UJ			< 0.02	UJ								
CADMIUM	7440-43-9	**1**	mg/kg					< 0.92	U	< 0.52	U			< 0.62	U			< 0.52	U			**5.4**									
CALCIUM METAL	7440-70-2		mg/kg					20300		14600				24600				24200				31500									
CHROMIUM	7440-47-3		mg/kg					17600		1120				7550				1160				11700									
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg					5050	J	172				3260				458	J			664	J								
COBALT	7440-48-4	**59**	mg/kg					**108**	**J**	9.10				**190**				15.6	J			18.0	J								
COPPER	7440-50-8	**7300**	mg/kg					53.5	J	10.2	J			103	J			75.7	J			145	J								
CYANIDE	57-12-5	**13**	mg/kg					< 1.89	U																						
IRON	7439-89-6		mg/kg					54300	J	7110				148000				24700	J			84000	J								
IRON (FERROUS)	15438-31-0		mg/kg																												
LEAD	7439-92-1	**59**	mg/kg					28.4	J	16.6	J			**104**	**J**			31.2	J			**435**	**J**								
MAGNESIUM	7439-95-4		mg/kg					39200	J	3500				44900				6120	J			7280	J								
MANGANESE	7439-96-5	**42**	mg/kg					**1130**		**78.5**	**J**			**1050**	**J**			**277**				**630**									
MERCURY	7439-97-6	**0.1**	mg/kg					< 0.06	U	**0.26**	**J**			**0.29**	**J**			**0.3**				**0.44**									
MOLYBDENUM	7439-98-7		mg/kg																												
NICKEL	7440-02-0	**31**	mg/kg					**563**	**J**	**36**				**744**				**32.9**	**J**			**102**	**J**								
POTASSIUM	7440-09-7		mg/kg					< 367	U	275	J			476	J			1760				1750									
SELENIUM	7782-49-2	**7**	mg/kg					< 2.8	U	< 0.52	U			< 0.62	U			< 0.52	U			< 3.9	U								
SILVER	7440-22-4	**1**	mg/kg					< 5.5	UJ			< 1.6	UJ			< 2	UJ	< 1	UJ			< 7.8	UJ								
SODIUM	7440-23-5		mg/kg					920		178				2290				1080				873									
THALLIUM	7440-28-0	**3**	mg/kg					< 1.9	U	< 0.36	U					0.36	J	< 0.36	U			< 0.55	U								
VANADIUM	7440-62-2		mg/kg					343	J	63.6				1600				88.8	J			1650	J								
ZINC	7440-66-6	**600**	mg/kg					163	J	46.2				**646**				109	J			**1270**	**J**								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	E9		E9		EF-01		EF-01		EF-02		EF-02		EF-02		EF-02		EF-03		EF-03		EF-03							
			Depth interval	2.5 - 3 ft		2.5 - 3 ft		0.5 - 1 ft		2 - 2.5 ft		0.5 - 1 ft		2 - 2.5 ft		5 - 5.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft							
			Sample ID	E9S2.5		E9S2.5-		EF-B01-0.5		EF-B01-2.0		EF-B02-0.5		EF-B02-2.0		EF-B02-5.0		EF-B02-6.0		EF-B03-0.5		EF-B03-2.0		EF-B03-2.5							
			Lab ID	694875		715829		460-25804-16		460-25804-17		460-25899-7		460-25899-8		460-25899-9		460-25899-10		460-25190-1		460-25190-2		460-25190-3							
			Date collected	12/5/2003 8:30:00 AM		12/5/2003 8:30:00 AM		4/26/2011 2:10:00 PM		4/26/2011 2:15:00 PM		4/28/2011 10:35:00 AM		4/28/2011 10:40:00 AM		4/28/2011 10:45:00 AM		4/28/2011 10:50:00 AM		4/11/2011 10:30:00 AM		4/11/2011 10:35:00 AM		4/11/2011 10:40:00 AM							
			Sample Type	N		N		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	5		5		4.8		4.8		6.3		6.3		6.3		6.3		5.1		5.1		5.1							
			Excavated																												
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg	**32800**																				**8590**						
ANTIMONY	7440-36-0	**6**	mg/kg	**107**																				< 0.94	UJ					
ARSENIC	7440-38-2	**19**	mg/kg			**19.9**																		9.4						
BARIUM	7440-39-3	**1300**	mg/kg	73.1																				51.0						
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.06	U																			0.42	J					
CADMIUM	7440-43-9	**1**	mg/kg	< 0.02	U																			0.36	J					
CALCIUM METAL	7440-70-2		mg/kg	222000																				3400						
CHROMIUM	7440-47-3		mg/kg	32200																				35.9						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	20400				11.6		37.8		21.3		2300		15.8		3140		< 0.54	U	< 0.56	U							
COBALT	7440-48-4	**59**	mg/kg	**120**																				7.0	J					
COPPER	7440-50-8	**7300**	mg/kg	14	BJ																			34.9						
CYANIDE	57-12-5	**13**	mg/kg																											
IRON	7439-89-6		mg/kg	54000																				14300						
IRON (FERROUS)	15438-31-0		mg/kg																											
LEAD	7439-92-1	**59**	mg/kg	17.2																				**272**						
MAGNESIUM	7439-95-4		mg/kg	< 6.26	U																			2770						
MANGANESE	7439-96-5	**42**	mg/kg	**1420**	**J**																			**289**						
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.007	UJ																			**0.21**						
MOLYBDENUM	7439-98-7		mg/kg																											
NICKEL	7440-02-0	**31**	mg/kg	**665**																				19.8						
POTASSIUM	7440-09-7		mg/kg	36.8	B																			1160						
SELENIUM	7782-49-2	**7**	mg/kg	< 2.8	UJ																			1.1	J					
SILVER	7440-22-4	**1**	mg/kg	< 0.09	UJ																			< 0.16	UJ					
SODIUM	7440-23-5		mg/kg	492	BJ																			217	J					
THALLIUM	7440-28-0	**3**	mg/kg	< 0.65	U																			< 1.0	U					
VANADIUM	7440-62-2		mg/kg	123	J																			23.4						
ZINC	7440-66-6	**600**	mg/kg	144	J																			394						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-03		EF-04		EF-04		EF-04		EF-04		EF-04B		EF-04B		EF-04B		EF-05		EF-05		EF-05					
			Depth interval	4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft					
			Sample ID	EF-B03-4.0		EF-B04-0.5		EF-B04-2.0		EF-B04-2.5		EF-B04-4.0		EF-B04B-0.5		EF-B04B-2.5		EF-B04B-4.0		EF-B05-0.5		EF-B05-2.0		EF-B05-2.5					
			Lab ID	460-25190-4		460-25190-5		460-25190-6		460-25190-7		460-25190-8		460-25350-11		460-25350-12		460-25350-13		460-25190-9		460-25190-10		460-25190-11					
			Date collected	4/11/2011 11:20:00 AM		4/11/2011 1:20:00 PM		4/11/2011 1:23:00 PM		4/11/2011 1:25:00 PM		4/11/2011 1:30:00 PM		4/14/2011 9:10:00 AM		4/14/2011 9:30:00 AM		4/14/2011 9:45:00 AM		4/11/2011 2:10:00 PM		4/11/2011 2:35:00 PM		4/11/2011 2:40:00 PM					
			Sample Type	N		N		N		N		N		N		N		N		N		N		N					
			Depth to Groundwater	5.1		4.6		4.6		4.6		4.6		4.6		4.6		4.6		4.2		4.2		4.2					
			Excavated																										
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q				
ALUMINUM	7429-90-5	**3900**	mg/kg							3230						**6660**								1730					
ANTIMONY	7440-36-0	**6**	mg/kg							< 0.97	UJ					< 0.96	U							< 1.0	UJ				
ARSENIC	7440-38-2	**19**	mg/kg							3.2						5.4								6.1					
BARIUM	7440-39-3	**1300**	mg/kg							25.0	J					55.5								39.7	J				
BERYLLIUM	7440-41-7	**0.5**	mg/kg							0.32	J					0.43	J							0.23	J				
CADMIUM	7440-43-9	**1**	mg/kg							< 0.17	U					< 0.17	U							0.81	J				
CALCIUM METAL	7440-70-2		mg/kg							7780						13600	J							2340					
CHROMIUM	7440-47-3		mg/kg							14.2						59.9	J							759					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	2.7		1.8	J	1.8	J			< 0.55	U	6.9		< 0.55	U	< 0.55	U	20.4		18.2							
COBALT	7440-48-4	**59**	mg/kg							4.1	J					7.4	J							6.5	J				
COPPER	7440-50-8	**7300**	mg/kg							7.0						21.2								50.5					
CYANIDE	57-12-5	**13**	mg/kg																										
IRON	7439-89-6		mg/kg							7830						18000								7880					
IRON (FERROUS)	15438-31-0		mg/kg																										
LEAD	7439-92-1	**59**	mg/kg							12.0						21.2								**86.3**					
MAGNESIUM	7439-95-4		mg/kg							2950						9130								503	J				
MANGANESE	7439-96-5	**42**	mg/kg							**226**						**369**								**257**					
MERCURY	7439-97-6	**0.1**	mg/kg							< 0.024	U					**0.14**								**0.22**					
MOLYBDENUM	7439-98-7		mg/kg																										
NICKEL	7440-02-0	**31**	mg/kg							7.4	J					29.8	J							19.4					
POTASSIUM	7440-09-7		mg/kg							1030	J					1020	J							110	J				
SELENIUM	7782-49-2	**7**	mg/kg							< 1.0	U					< 1.0	U							1.1	J				
SILVER	7440-22-4	**1**	mg/kg							< 0.17	UJ					< 0.17	U							< 0.18	UJ				
SODIUM	7440-23-5		mg/kg							132	J					568	J							90.2	J				
THALLIUM	7440-28-0	**3**	mg/kg							< 1.1	U					< 1.1	U							< 1.1	U				
VANADIUM	7440-62-2		mg/kg							17.7						23.4								11.6					
ZINC	7440-66-6	**600**	mg/kg							44.3						51.7	J							177					

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-05		EF-06		EF-06		EF-06		EF-07		EF-07		EF-07		EF-07		EF-07		EF-08		EF-08	
			Depth interval	4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		0.6 - 1.1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft	
			Sample ID	EF-B05-4.0		EF-B06-0.5		EF-B06-2.0		EF-B06-2.5		EF-B07-0.6		EF-B07-2.0		EF-B07-2.5		EF-B07-4.0		EF-B07-6.0		EF-B08-0.5		EF-B08-2.0	
			Lab ID	460-25254-9		460-25254-10		460-25254-11		460-25254-12		460-25301-11		460-25301-12		460-25301-13		460-25301-14		460-25350-1		460-25301-15		460-25301-16	
			Date collected	4/12/2011 11:20:00 AM		4/12/2011 1:25:00 PM		4/12/2011 1:35:00 PM		4/12/2011 1:45:00 PM		4/13/2011 11:15:00 AM		4/13/2011 11:45:00 AM		4/13/2011 11:55:00 AM		4/13/2011 12:10:00 PM		4/14/2011 9:15:00 AM		4/13/2011 1:10:00 PM		4/13/2011 1:20:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.2		4		4		4		7.1		7.1		7.1		7.1		7.1		6.8		6.8	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg							**9350**															
ANTIMONY	7440-36-0	**6**	mg/kg							4.3	J														
ARSENIC	7440-38-2	**19**	mg/kg							14.2															
BARIUM	7440-39-3	**1300**	mg/kg							82.9															
BERYLLIUM	7440-41-7	**0.5**	mg/kg							0.42	J														
CADMIUM	7440-43-9	**1**	mg/kg							0.52	J														
CALCIUM METAL	7440-70-2		mg/kg							4140															
CHROMIUM	7440-47-3		mg/kg							334															
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	8.4		1.4	J	< 0.59	U			< 0.52	U	< 0.64	U			< 0.55	U	< 0.58	U	< 0.66	U	< 0.68	U
COBALT	7440-48-4	**59**	mg/kg							8.5	J														
COPPER	7440-50-8	**7300**	mg/kg							68.8															
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg							19900															
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg							**331**															
MAGNESIUM	7439-95-4		mg/kg							2680															
MANGANESE	7439-96-5	**42**	mg/kg							**197**															
MERCURY	7439-97-6	**0.1**	mg/kg							**1.1**															
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg							27.0															
POTASSIUM	7440-09-7		mg/kg							835	J														
SELENIUM	7782-49-2	**7**	mg/kg							1.8	J														
SILVER	7440-22-4	**1**	mg/kg							< 0.18	UJ														
SODIUM	7440-23-5		mg/kg							1100	J														
THALLIUM	7440-28-0	**3**	mg/kg							< 1.2	U														
VANADIUM	7440-62-2		mg/kg							51.5						234				20.4					
ZINC	7440-66-6	**600**	mg/kg							263															

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-08		EF-08		EF-08		EF-09		EF-09		EF-09		EF-09		EF-09		EF-09		EF-10		EF-10					
			Depth interval	2.5 - 3 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		2.5 - 3 ft		4 - 4.5 ft		4 - 4.5 ft		1 - 1.5 ft		2.5 - 3 ft					
			Sample ID	EF-B08-2.5		EF-B08-4.0		EF-B08-6.0		EF-B09-0.5		EF-B09-2.0		EF-B09-2.5		EF-B09-2.5x		EF-B09-4.0		EF-B09-4.0x		EF-B10-1.0		EF-B10-2.5					
			Lab ID	460-25301-17		460-25301-18		460-25350-5		460-25350-14		460-25350-15		460-25350-16		460-25350-17		460-25350-18		460-25350-19		460-25350-20		460-25350-21					
			Date collected	4/13/2011 1:30:00 PM		4/13/2011 1:50:00 PM		4/14/2011 10:40:00 AM		4/14/2011 11:20:00 AM		4/14/2011 11:40:00 AM		4/14/2011 11:45:00 AM		4/14/2011 11:46:00 AM		4/14/2011 12:45:00 PM		4/14/2011 12:46:00 PM		4/14/2011 1:35:00 PM		4/14/2011 1:55:00 PM					
			Sample Type	N		N		N		N		N		N		FD		N		FD		N		N					
			Depth to Groundwater	6.8		6.8		6.8		5.7		5.7		5.7		5.7		5.7		5.7		4.5		4.5					
			Excavated																										
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q				
ALUMINUM	7429-90-5	**3900**	mg/kg											**5570**		**6440**													
ANTIMONY	7440-36-0	**6**	mg/kg											< 1.1	U	< 1.0	U												
ARSENIC	7440-38-2	**19**	mg/kg											4.0		4.1													
BARIUM	7440-39-3	**1300**	mg/kg											41.1	J	47.7													
BERYLLIUM	7440-41-7	**0.5**	mg/kg											0.44	J	0.47													
CADMIUM	7440-43-9	**1**	mg/kg											0.28	J	0.33	J												
CALCIUM METAL	7440-70-2		mg/kg											1610	J	1760	J												
CHROMIUM	7440-47-3		mg/kg											13.7	J	15.4	J												
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			< 0.73	U	< 0.60	U	0.72	J	< 0.64	U					< 0.65	U	< 0.67	U	2.2	J	< 0.56	U				
COBALT	7440-48-4	**59**	mg/kg											3.9	J	4.5	J												
COPPER	7440-50-8	**7300**	mg/kg											26.6		30.3													
CYANIDE	57-12-5	**13**	mg/kg																										
IRON	7439-89-6		mg/kg											11900		13500													
IRON (FERROUS)	15438-31-0		mg/kg																										
LEAD	7439-92-1	**59**	mg/kg											**148**		**185**													
MAGNESIUM	7439-95-4		mg/kg											2700		3030													
MANGANESE	7439-96-5	**42**	mg/kg											**184**		**212**													
MERCURY	7439-97-6	**0.1**	mg/kg											**0.26**		**0.37**													
MOLYBDENUM	7439-98-7		mg/kg																										
NICKEL	7440-02-0	**31**	mg/kg											10.2	J	11.9	J												
POTASSIUM	7440-09-7		mg/kg											909	J	1100	J												
SELENIUM	7782-49-2	**7**	mg/kg											< 1.2	U	< 1.1	U												
SILVER	7440-22-4	**1**	mg/kg											< 0.19	U	< 0.17	U												
SODIUM	7440-23-5		mg/kg											812	J	745	J												
THALLIUM	7440-28-0	**3**	mg/kg											< 1.2	U	< 1.1	U												
VANADIUM	7440-62-2		mg/kg	74.2										19.8		21.3													
ZINC	7440-66-6	**600**	mg/kg											**651**	**J**	**1190**	**J**												

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-10		EF-11		EF-11		EF-11		EF-14		EF-14		EF-14		EF-14		EF-14		EF-15		EF-15			
			Depth interval	4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft			
			Sample ID	EF-B10-4.0		EF-11-0.5		EF-11-2.0		EF-11-2.5		EF-14-0.5		EF-14-2.0		EF-14-2.0x		EF-14-2.5		EF-14-4.0		EF-B15-0.5		EF-B15-2.0			
			Lab ID	460-25350-22		460-26239-10		460-26239-11		460-26239-13		460-26239-5		460-26239-6		460-26239-7		460-26239-8		460-26239-9		460-25899-1		460-25899-2			
			Date collected	4/14/2011 2:10:00 PM		5/6/2011 2:45:00 PM		5/6/2011 3:00:00 PM		5/6/2011 3:05:00 PM		5/6/2011 1:15:00 PM		5/6/2011 1:30:00 PM		5/6/2011 1:35:00 PM		5/6/2011 1:40:00 PM		5/6/2011 2:00:00 PM		4/28/2011 9:35:00 AM		4/28/2011 9:45:00 AM			
			Sample Type	N		N		N		N		N		N		FD		N		N		N		N			
			Depth to Groundwater	4.5		3.8		3.8		3.8		4.8		4.8		4.8		4.8		4.8		5.3		5.3			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg							2150								3120									
ANTIMONY	7440-36-0	**6**	mg/kg							**8.0**	**J**							2.7	J								
ARSENIC	7440-38-2	**19**	mg/kg							4.8								**42.6**									
BARIUM	7440-39-3	**1300**	mg/kg							52.9								**1350**									
BERYLLIUM	7440-41-7	**0.5**	mg/kg							< 0.19	U							< 0.28	U								
CADMIUM	7440-43-9	**1**	mg/kg							< 0.17	U							**2.2**									
CALCIUM METAL	7440-70-2		mg/kg							1260								110000									
CHROMIUM	7440-47-3		mg/kg							6.7								21.1									
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.66	U	2.3	J	< 0.59	UJ			1.8	J	< 0.65	UJ	< 0.66	UJ			< 0.65	UJ	< 0.63	U	0.61	J		
COBALT	7440-48-4	**59**	mg/kg							3.2	J							4.7	J								
COPPER	7440-50-8	**7300**	mg/kg							52.3								74.3									
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg							11200								22000									
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg							**208**	**J**							**1720**	**J**								
MAGNESIUM	7439-95-4		mg/kg							480	J							1670									
MANGANESE	7439-96-5	**42**	mg/kg							**166**								**563**									
MERCURY	7439-97-6	**0.1**	mg/kg							0.073								**1.0**									
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg							6.4	J							13.3									
POTASSIUM	7440-09-7		mg/kg							356	J							783	J								
SELENIUM	7782-49-2	**7**	mg/kg							< 1.0	U							**19.8**									
SILVER	7440-22-4	**1**	mg/kg							< 0.17	U							0.51	J								
SODIUM	7440-23-5		mg/kg							75.2	J							306	J								
THALLIUM	7440-28-0	**3**	mg/kg							< 1.1	U							< 1.6	U								
VANADIUM	7440-62-2		mg/kg							9.7	J							10.9	J								
ZINC	7440-66-6	**600**	mg/kg							62.7								**735**									

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-15		EF-15		EF-16		EF-16		EF-16		EF-16		EF-17		EF-17		EF-17		EF-18		EF-18	
			Depth interval	4 - 4.5 ft		5 - 5.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		0.5 - 1 ft		2 - 2.5 ft			
			Sample ID	EF-B15-4.0		EF-B15-5.0		EF-B16-0.5		EF-B16-2.0		EF-B16-2.5		EF-B16-4.0		EF-B17-0.5		EF-B17-2.0		EF-B17-2.5		EF-B18-0.5		EF-B18-2.0			
			Lab ID	460-25899-3		460-25899-17		460-25416-21		460-25416-22		460-25416-23		460-25416-24		460-25550-39		460-25550-40		460-25550-41		460-25481-9		460-25481-10			
			Date collected	4/28/2011 10:00:00 AM		4/28/2011 2:40:00 PM		4/15/2011 8:10:00 AM		4/15/2011 8:20:00 AM		4/15/2011 8:22:00 AM		4/15/2011 8:28:00 AM		4/19/2011 11:35:00 AM		4/19/2011 11:50:00 AM		4/19/2011 11:55:00 AM		4/18/2011 1:35:00 PM		4/18/2011 2:00:00 PM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	5.3		5.3		4.6		4.6		4.6		4.6		3.8		3.8		3.8		3.8		3.8			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg									**6.1**								2.8	J						
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg									89.2								464							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	1.1	J	4.6		21.9		1.1	J			< 0.81	U	3.2	J	10.0	J			0.72	J	< 0.59	U		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg									17.8								**48.7**							
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg									< 2.9	U							< 1.1	U						
VANADIUM	7440-62-2		mg/kg									24.2								33.3							
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-18		EF-19		EF-19		EF-19		EF-20		EF-20		EF-20		EF-21		EF-21		EF-21		EF-22	
			Depth interval	2.5 - 3 ft		0.8 - 1.3 ft		2 - 2.5 ft		2.5 - 3 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		0.5 - 1 ft	
			Sample ID	EF-B18-2.5		EF-B19-0.8		EF-B19-2.0		EF-B19-2.5		EF-B20-0.5		EF-B20-2.0		EF-B20-2.5		EF-B21-0.5		EF-B21-2.0		EF-B21-2.5		EF-B22-0.5	
			Lab ID	460-25481-11		460-25550-31		460-25550-32		460-25550-33		460-25481-5		460-25481-6		460-25481-7		460-25481-2		460-25481-1		460-25481-3		460-25550-35	
			Date collected	4/18/2011 2:05:00 PM		4/19/2011 8:50:00 AM		4/19/2011 9:10:00 AM		4/19/2011 9:15:00 AM		4/18/2011 11:25:00 AM		4/18/2011 11:45:00 AM		4/18/2011 11:50:00 AM		4/18/2011 8:55:00 AM		4/18/2011 9:15:00 AM		4/18/2011 9:20:00 AM		4/19/2011 10:05:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	3.8		3.9		3.9		3.9		3.4		3.4		3.4		3.1		3.1		3.1		3.2	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg	5.8	J					< 1.0	UJ					< 0.99	UJ					2.2	J		
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg	75.9						12.3						76.8						69.3			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			< 0.56	UJ	< 0.57	UJ			< 0.55	U	< 0.56	U			1.3	J	< 0.57	U			< 0.57	UJ
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**36.9**						15.5						19.3						**65.0**			
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg	< 1.1	U					< 1.2	U					< 1.1	U					< 1.1	U		
VANADIUM	7440-62-2		mg/kg	13.7						13.9						23.4						26.5			
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-22		EF-22		EF-23		EF-23		EF-23		EF-23		EF-24		EF-24		EF-24		EF-24		EF-25	
			Depth interval	2 - 2.5 ft		2.5 - 3 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		4 - 4.5 ft		0 - 0.5 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		0 - 0.5 ft	
			Sample ID	EF-B22-2.0		EF-B22-2.5		EF-23-0.5		EF-23-2.0		EF-23-4.0		EF-23-4.0x		EF-B24-0.0		EF-B24-2.0		EF-B24-2.5		EF-B24-4.0		EF-25-0.0	
			Lab ID	460-25550-36		460-25550-37		460-26239-1		460-26239-2		460-26239-3		460-26239-4		460-25416-32		460-25416-33		460-25416-34		460-25416-35		460-25416-20	
			Date collected	4/19/2011 10:20:00 AM		4/19/2011 10:25:00 AM		5/6/2011 9:35:00 AM		5/6/2011 9:45:00 AM		5/6/2011 11:00:00 AM		5/6/2011 11:05:00 AM		4/15/2011 12:15:00 PM		4/15/2011 12:20:00 PM		4/15/2011 12:30:00 PM		4/15/2011 12:55:00 PM		4/15/2011 11:25:00 AM	
			Sample Type	N		N		N		N		N		FD		N		N		N		N		N	
			Depth to Groundwater	3.2		3.2		4.3		4.3		4.3		4.3		4.4		4.4		4.4		4.4		4.8	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg			2.2	J													5.2					
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg			54.1														198					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.59	UJ			865	J	1860	J	3.5	J	2.5	J	< 0.58	U	2.8				15.9		1.1	J
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg			**66.3**														26.9					
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg			< 1.1	U													< 1.1	U				
VANADIUM	7440-62-2		mg/kg			18.9														31.3					
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-25		EF-25		EF-25		EF-26		EF-26		EF-26		EF-26		EF-27		EF-27		EF-27		EF-27			
			Depth interval	2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		0 - 0.5 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		1.2 - 1.7 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft			
			Sample ID	EF-B25-2.0		EF-B25-2.5		EF-B25-4.0		EF-B26-0.0		EF-B26-2.0		EF-B26-2.5		EF-B26-4.0		EF-B27-1.2		EF-B27-2.0		EF-B27-2.5		EF-B27-4.0			
			Lab ID	460-25416-29		460-25416-30		460-25416-31		460-25416-25		460-25416-26		460-25416-27		460-25416-28		460-25599-31		460-25599-32		460-25599-33		460-25599-34			
			Date collected	4/15/2011 11:32:00 AM		4/15/2011 11:35:00 AM		4/15/2011 12:00:00 PM		4/15/2011 10:05:00 AM		4/15/2011 10:45:00 AM		4/15/2011 10:50:00 AM		4/15/2011 10:55:00 AM		4/20/2011 12:10:00 PM		4/20/2011 12:45:00 PM		4/20/2011 2:10:00 PM		4/20/2011 2:20:00 PM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	4.8		4.8		4.8		5		5		5		5		5.2		5.2		5.2		5.2			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg			**10.0**	J							1.4	J							< 1.0	UJ				
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg			5330								55.4								6.6					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	27.3				3.4		< 0.55	U	31.9				2.5		< 0.55	U	< 0.56	U			1310			
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg			**346**								17.9								2.4	J				
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg			< 1.1	U							< 1.0	U							< 1.1	U				
VANADIUM	7440-62-2		mg/kg			153								18.4								15.3					
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-28		EF-28		EF-28		EF-28		EF-28		EF-29		EF-29		EF-29		EF-29		EF-29		EF-30A	
			Depth interval	0.8 - 1.3 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		5.5 - 6 ft		0.8 - 1.3 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		6.5 - 7 ft		0.7 - 1.2 ft	
			Sample ID	EF-B28-0.8		EF-B28-2.0		EF-B28-2.5		EF-B28-4.0		EF-B28-5.5		EF-B29-0.8		EF-B29-2.0		EF-B29-2.5		EF-B29-4.0		EF-B29-6.5		EF-B30-0.7	
			Lab ID	460-25599-27		460-25599-28		460-25599-29		460-25599-30		460-25705-1		460-25599-23		460-25599-24		460-25599-25		460-25599-26		460-25705-7		460-25599-35	
			Date collected	4/20/2011 9:45:00 AM		4/20/2011 9:55:00 AM		4/20/2011 10:00:00 AM		4/20/2011 10:05:00 AM		4/22/2011 8:35:00 AM		4/20/2011 8:20:00 AM		4/20/2011 8:25:00 AM		4/20/2011 8:30:00 AM		4/20/2011 8:50:00 AM		4/22/2011 9:30:00 AM		4/20/2011 2:30:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	6		6		6		6		6		7.5		7.5		7.5		7.5		7.5		4.7	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg					2.3	J									< 1.0	UJ						
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg					1090										11.6							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.59	U	< 0.56	U			< 0.67	U	< 0.74	U	< 0.59	U	< 0.57	U			< 0.55	U	< 0.66	U	44.4	
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg					**88.5**				22.8						7.6	J			15.2			
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg					< 1.1	U									< 1.1	U						
VANADIUM	7440-62-2		mg/kg					66.7				21.2	J					18.8				68.6	J		
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-30A		EF-30A		EF-30A		EF-31		EF-31		EF-31		EF-31		EF-31		EF-32		EF-32		EF-32		EF-32	
			Depth interval	2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		4 - 4.5 ft			
			Sample ID	EF-B30-2.0		EF-B30-2.5		EF-B30-4.0		EF-B31-0.5		EF-B31-2.0		EF-B31-2.5		EF-B31-4.0		EF-B32-0.5		EF-B32-2.0		EF-B32-2.0x		EF-B32-4.0			
			Lab ID	460-25599-36		460-25599-37		460-25599-38		460-25550-43		460-25550-44		460-25550-45		460-25550-46		460-25657-28		460-25657-29		460-25657-30		460-25657-32			
			Date collected	4/20/2011 2:40:00 PM		4/20/2011 3:00:00 PM		4/20/2011 3:00:00 PM		4/19/2011 1:45:00 PM		4/19/2011 1:55:00 PM		4/19/2011 2:00:00 PM		4/19/2011 2:15:00 PM		4/21/2011 11:30:00 AM		4/21/2011 12:00:00 PM		4/21/2011 12:05:00 PM		4/21/2011 12:45:00 PM			
			Sample Type	N		N		N		N		N		N		N		N		N		FD		N			
			Depth to Groundwater	4.7		4.7		4.7		5.1		5.1		5.1		5.1		5.4		5.4		5.4		5.4			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg			< 1.6	UJ							< 1.1	UJ												
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg			11100								5190													
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	20.2				51500		< 0.52	UJ	32.1	J			181	J	1.4	J	< 0.78	U	< 0.86	U	< 0.65	U		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg			**343**								**601**													
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg			< 1.7	U							< 1.3	U												
VANADIUM	7440-62-2		mg/kg			844								345													
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-33		EF-33		EF-33		EF-33		EF-34		EF-34		EF-34		EF-34		EF-34		EF-35		EF-35	
			Depth interval	0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft	
			Sample ID	EF-B33-0.5		EF-B33-2.0		EF-B33-4.0		EF-B33-6.0		EF-B34-0.5		EF-B34-2.0		EF-B34-2.5		EF-B34-4.0		EF-B34-6.0		EF-B35-0.5		EF-B35-2.0	
			Lab ID	460-25657-24		460-25657-25		460-25657-27		460-25657-15		460-25705-24		460-25705-25		460-25705-26		460-25705-27		460-25760-13		460-25657-33		460-25657-34	
			Date collected	4/21/2011 9:40:00 AM		4/21/2011 9:50:00 AM		4/21/2011 10:30:00 AM		4/21/2011 1:10:00 PM		4/22/2011 9:25:00 AM		4/22/2011 9:30:00 AM		4/22/2011 9:35:00 AM		4/22/2011 9:40:00 AM		4/25/2011 9:05:00 AM		4/21/2011 2:10:00 PM		4/21/2011 2:20:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	6.1		6.1		6.1		6.1		6.4		6.4		6.4		6.4		6.4		5.9		5.9	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg													< 1.0	U								
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg													38.9									
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	0.98	J	4.8		< 0.58	U	< 0.63	UJ	< 0.53	UJ	1.4	J			< 0.65	UJ	7.9		< 0.53	U	1.8	J
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg													15.5									
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg													< 1.1	U								
VANADIUM	7440-62-2		mg/kg													30.6	J								
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	EF-35		EF-35		EF-36		EF-36		EF-36		EF-36		EF-36		EF-37		EF-37		EF-37		EF-37			
			Depth interval	2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft			
			Sample ID	EF-B35-2.5		EF-B35-4.0		EF-B36-0.5		EF-B36-2.0		EF-B36-2.5		EF-B36-4.0		EF-B36-6.0		EF-B37-0.5		EF-B37-2.0		EF-B37-2.5		EF-B37-4.0			
			Lab ID	460-25657-35		460-25657-36		460-25705-20		460-25705-21		460-25705-22		460-25705-23		460-25760-21		460-25705-28		460-25705-29		460-25705-30		460-25705-31			
			Date collected	4/21/2011 2:30:00 PM		4/21/2011 2:40:00 PM		4/22/2011 8:25:00 AM		4/22/2011 8:35:00 AM		4/22/2011 8:40:00 AM		4/22/2011 8:45:00 AM		4/25/2011 10:55:00 AM		4/22/2011 11:05:00 AM		4/22/2011 11:25:00 AM		4/22/2011 11:30:00 AM		4/22/2011 12:00:00 PM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	5.9		5.9		6.8		6.8		6.8		6.8		6.8		6.5		6.5		6.5		6.5			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.0	U							< 1.1	U									2.8					
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg	18.4								12.3										117					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			< 0.57	U	< 0.58	UJ	< 0.57	UJ			< 0.60	UJ	< 0.60	U	< 0.56	UJ	0.67	J			< 0.58	UJ		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	11.9								8.8	J									20.8					
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg	< 1.1	U							< 1.2	U									< 1.1	U				
VANADIUM	7440-62-2		mg/kg	28.9	J							17.7	J									36.4	J				
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-37		EF-38		EF-38		EF-38		EF-38A		EF-38A		EF-38A		EF-38A		EF-39		EF-39		EF-39			
			Depth interval	6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft			
			Sample ID	EF-B37-6.0		EF-B38-0.5		EF-B38-2.0		EF-B38-2.5		EF-B38A-0.5		EF-B38A-2.0		EF-B38A-2.5		EF-B38A-4.0		EF-B39-0.5		EF-B39-2.0		EF-B39-4.0			
			Lab ID	460-25760-27		460-25705-32		460-25705-33		460-25705-34		460-25760-1		460-25760-2		460-25760-3		460-25760-4		460-25760-5		460-25760-6		460-25760-8			
			Date collected	4/25/2011 1:40:00 PM		4/22/2011 1:10:00 PM		4/22/2011 2:10:00 PM		4/22/2011 2:15:00 PM		4/25/2011 8:45:00 AM		4/25/2011 8:50:00 AM		4/25/2011 9:10:00 AM		4/25/2011 9:18:00 AM		4/25/2011 10:00:00 AM		4/25/2011 10:10:00 AM		4/25/2011 10:25:00 AM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	6.5		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.5		5.5		5.5			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg													**9380**											
ANTIMONY	7440-36-0	**6**	mg/kg							< 1.1	U					< 1.1	UJ										
ARSENIC	7440-38-2	**19**	mg/kg													8.6											
BARIUM	7440-39-3	**1300**	mg/kg													84.2											
BERYLLIUM	7440-41-7	**0.5**	mg/kg													0.37	J										
CADMIUM	7440-43-9	**1**	mg/kg													< 0.19	U										
CALCIUM METAL	7440-70-2		mg/kg													2060											
CHROMIUM	7440-47-3		mg/kg							37.8						17.8											
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	0.82	J	< 0.57	UJ	< 0.60	UJ			1.9	J	< 0.58	U			< 0.64	U	< 0.63	U	< 0.58	U	< 0.60	U		
COBALT	7440-48-4	**59**	mg/kg													10.8	J										
COPPER	7440-50-8	**7300**	mg/kg													25.4											
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg													16000											
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg													**169**											
MAGNESIUM	7439-95-4		mg/kg													1880											
MANGANESE	7439-96-5	**42**	mg/kg													**852**	**J**										
MERCURY	7439-97-6	**0.1**	mg/kg													**0.86**	**J**										
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg							13.7						11.4											
POTASSIUM	7440-09-7		mg/kg													659	J										
SELENIUM	7782-49-2	**7**	mg/kg													< 1.1	U										
SILVER	7440-22-4	**1**	mg/kg													< 0.18	U										
SODIUM	7440-23-5		mg/kg													116	J										
THALLIUM	7440-28-0	**3**	mg/kg							< 1.2	U					< 1.2	U										
VANADIUM	7440-62-2		mg/kg							32.9	J					20.1											
ZINC	7440-66-6	**600**	mg/kg													184											

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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			Location	EF-40		EF-40		EF-40		EF-41		EF-41		EF-41		EF-41		EF-41		EF-42		EF-42		EF-42	
			Depth interval	0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		2.5 - 3 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft	
			Sample ID	EF-B40-0.5		EF-B40-2.0		EF-B40-4.0		EF-B41-0.5		EF-B41-2.0		EF-B41-2.5		EF-B41-2.5x		EF-B41-4.0		EF-B42-0.5		EF-B42-2.0		EF-B42-2.5	
			Lab ID	460-25760-9		460-25760-10		460-25760-12		460-25804-25		460-25804-26		460-25804-27		460-25804-28		460-25804-29		460-25804-30		460-25804-31		460-25804-32	
			Date collected	4/25/2011 12:35:00 PM		4/25/2011 12:48:00 PM		4/25/2011 1:05:00 PM		4/26/2011 10:25:00 AM		4/26/2011 10:45:00 AM		4/26/2011 10:50:00 AM		4/26/2011 11:00:00 AM		4/26/2011 11:10:00 AM		4/26/2011 12:48:00 PM		4/26/2011 12:55:00 PM		4/26/2011 1:00:00 PM	
			Sample Type	N		N		N		N		N		N		FD		N		N		N		N	
			Depth to Groundwater	5.5		5.5		5.5		5.2		5.2		5.2		5.2		5.2		5.4		5.4		5.4	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg											**6910**		**6830**								**4120**	
ANTIMONY	7440-36-0	**6**	mg/kg											< 1.0	U	< 1.0	U							**6.7**	
ARSENIC	7440-38-2	**19**	mg/kg											2.6		2.7								8.5	
BARIUM	7440-39-3	**1300**	mg/kg											61.8		70.0								87.6	
BERYLLIUM	7440-41-7	**0.5**	mg/kg											**0.55**		**0.51**								**0.54**	
CADMIUM	7440-43-9	**1**	mg/kg											< 0.19	U	< 0.18	U							0.68	J
CALCIUM METAL	7440-70-2		mg/kg											1630		1620								4500	
CHROMIUM	7440-47-3		mg/kg											13.4		11.4								10.6	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	1.2	J	< 0.57	U	< 0.64	U	< 0.57	U	< 0.60	U					< 0.67	U	< 0.57	U	< 0.62	U		
COBALT	7440-48-4	**59**	mg/kg											3.8	J	4.0	J							4.6	J
COPPER	7440-50-8	**7300**	mg/kg											9.0		8.3								123	
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg											13900		12000								21100	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg											27.0		21.2								**670**	
MAGNESIUM	7439-95-4		mg/kg											1230	J	1140	J							1650	J
MANGANESE	7439-96-5	**42**	mg/kg											**111**		**105**								**746**	
MERCURY	7439-97-6	**0.1**	mg/kg											**0.16**	**J**	0.088	J							**2.0**	**J**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg											6.8	J	6.1	J							10.3	
POTASSIUM	7440-09-7		mg/kg											582	J	449	J							484	J
SELENIUM	7782-49-2	**7**	mg/kg											< 1.1	U	< 1.1	U							1.4	J
SILVER	7440-22-4	**1**	mg/kg											< 0.18	U	< 0.18	U							< 0.19	U
SODIUM	7440-23-5		mg/kg											132	J	140	J							296	J
THALLIUM	7440-28-0	**3**	mg/kg											< 1.2	U	< 1.1	U							< 1.2	U
VANADIUM	7440-62-2		mg/kg											20.6		17.2								15.0	
ZINC	7440-66-6	**600**	mg/kg											44.5		53.2								**1720**	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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			Location	EF-42		EF-43		EF-43		EF-43		EF-44		EF-44		EF-44		EF-44		EF-44		EF-45		EF-47			
			Depth interval	4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		0.5 - 1 ft		0.5 - 1 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		2.5 - 3 ft			
			Sample ID	EF-B42-4.0		EF-B43-0.5		EF-B43-2.0		EF-B43-4.0		EF-B44-0.5		EF-B44-0.5x		EF-B44-1.5		EF-B44-1.5		EF-B44-1.5x		EF-B45-1.5		EF-B47-2.5			
			Lab ID	460-25804-33		460-25804-34		460-25899-4		460-25899-6		460-26009-1		460-26009-2		460-26009-4		460-26009-5		460-26009-6		460-25955-13		460-26881-8			
			Date collected	4/26/2011 1:10:00 PM		4/26/2011 1:55:00 PM		4/28/2011 12:25:00 PM		4/28/2011 1:00:00 PM		5/2/2011 10:05:00 AM		5/2/2011 10:10:00 AM		5/2/2011 10:15:00 AM		5/2/2011 10:15:00 AM		5/2/2011 10:20:00 AM		4/29/2011 2:35:00 PM		5/25/2011 10:35:00 AM			
			Sample Type	N		N		N		N		N		FD		N		N		FD		N		N			
			Depth to Groundwater	5.4		5.3		5.3		5.3		4.7		4.7		4.7		4.7		4.7		5.4		7.1			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg															**15.5**	J	< 5.8	UJ						
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg															6660	J	4320	J						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.64	U	< 0.57	U	< 0.58	U	< 0.60	U	61.5	J	61.2	J	68.3	J							0.85	J		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg															**415**		**523**							
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg															< 1.4	U	< 6.4	UM						
VANADIUM	7440-62-2		mg/kg															481		622				22.5			
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-48		EF-49		EF-50		EF-51		EF-51		EF-52		EF-52		EF-52		EF-53		EF-53		EF-53	
			Depth interval	2.5 - 3 ft		0.5 - 1 ft		1.5 - 2 ft		2 - 2.5 ft		2.5 - 3 ft		2 - 2.5 ft		2.5 - 3 ft		5 - 5.5 ft		2 - 2.5 ft		2.5 - 3 ft		5 - 5.5 ft	
			Sample ID	EF-B48-2.5		EF-B49-0.5		EF-B50-1.5		EF-B51-2.0		EF-B51-2.5		EF-B52-2.0		EF-B52-2.5		EF-B52-5.0		EF-B53-2.0		EF-B53-2.5		EF-B53-5.0	
			Lab ID	460-26881-9		460-26847-8		460-26881-7		460-26847-17		460-26847-18		460-26847-15		460-26847-16		460-26847-25		460-26847-13		460-26847-14		460-26847-22	
			Date collected	5/25/2011 12:00:00 PM		5/24/2011 1:50:00 PM		5/25/2011 9:10:00 AM		5/24/2011 11:35:00 AM		5/24/2011 11:40:00 AM		5/24/2011 10:15:00 AM		5/24/2011 10:20:00 AM		5/24/2011 1:45:00 PM		5/24/2011 9:05:00 AM		5/24/2011 9:15:00 AM		5/24/2011 11:15:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	6.6		4.6		4.2		4.9		4.9		6.5		6.5		6.5		8.7		8.7		8.7	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg																						
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg																						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			13.6		< 0.63	UJ	5.2				1.9	J			< 0.77	U	< 0.57	U			< 0.65	U
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg																						
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg																						
VANADIUM	7440-62-2		mg/kg	17.6								625				22.9						22.6		24.8	
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-55		EF-56		EF-59		EF-59		EF-60		EF-61		EF-61		EF-61		EF-61		EF-62		EF-62			
			Depth interval	2.5 - 3 ft		2.5 - 3 ft		2 - 2.5 ft		2.5 - 3 ft		2 - 2.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4.5 - 5 ft		0.5 - 1 ft		2 - 2.5 ft			
			Sample ID	EF-B55-2.5		EF-B56-2.5		EF-B59-2.0		EF-B59-2.5		EF-B60-2.0		EF-B61-0.5		EF-B61-2.0		EF-B61-2.5		EF-B61-4.5		EF-B62-0.5		EF-B62-2.0			
			Lab ID	460-26847-7		460-26847-1		460-27347-5		460-27347-7		460-27297-7		460-27119-10		460-27119-24		460-27119-25		460-27166-1		460-27119-1		460-27119-2			
			Date collected	5/23/2011 1:40:00 PM		5/23/2011 9:50:00 AM		6/7/2011 9:00:00 AM		6/7/2011 9:05:00 AM		6/6/2011 2:15:00 PM		6/1/2011 1:25:00 PM		6/1/2011 1:45:00 PM		6/1/2011 1:55:00 PM		6/2/2011 8:52:00 AM		6/1/2011 10:10:00 AM		6/1/2011 10:15:00 AM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	6		5.3		4.5		4.5		4.8		5.6		5.6		5.6		5.6		5.2		5.2			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg																								
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg																								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.56	U	224		369	J			9.2	J	28.7		17.3				46.3		0.74	J	5.7			
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg																								
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg																								
VANADIUM	7440-62-2		mg/kg							1020								4520									
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-62		EF-62		EF-62		EF-63		EF-63		EF-63		EF-63		EF-71		EF-71		EF-72		EF-73	
			Depth interval	2.5 - 3 ft		4 - 4.5 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		2.5 - 3 ft		4 - 4.5 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft	
			Sample ID	EF-B62-2.5		EF-B62-4.0		EF-B62-4.0x		EF-B63-0.5		EF-B63-2.0		EF-B63-2.5		EF-B63-4.0		EF-B71-2.5		EF-B71-2.5x		EF-B72-2.5		EF-B73-2.5	
			Lab ID	460-27119-3		460-27119-4		460-27119-5		460-27119-6		460-27119-7		460-27119-8		460-27119-9		460-27487-4		460-27487-5		460-27487-6		460-29620-6	
			Date collected	6/1/2011 10:20:00 AM		6/1/2011 10:40:00 AM		6/1/2011 10:42:00 AM		6/1/2011 11:35:00 AM		6/1/2011 11:45:00 AM		6/1/2011 12:00:00 PM		6/1/2011 12:15:00 PM		6/8/2011 11:47:00 AM		6/8/2011 11:50:00 AM		6/8/2011 12:16:00 PM		8/5/2011 12:30:00 PM	
			Sample Type	N		N		FD		N		N		N		N		N		FD		N		N	
			Depth to Groundwater	5.2		5.2		5.2		5.2		5.2		5.2		5.2		5.4		5.4		5.4		4.2	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg																						
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg																						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			6.1		5.6		0.65	J	1.3	J			0.98	J							< 0.61	UJ
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg															15.0	J	12.9	J	22.4	J		
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg																						
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg																						
VANADIUM	7440-62-2		mg/kg	368										25.0	J										
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-74		EF-76		EF-77		EF-77		EF-78		EF-80		EF-81		EF-82		EF-83		EF-84		EF-85	
			Depth interval	2.5 - 3 ft		2 - 2.5 ft		3 - 3.5 ft		4 - 4.5 ft		1.5 - 2 ft		2 - 2.5 ft		0.5 - 1 ft		0.5 - 1 ft		0.5 - 1 ft		0.5 - 1 ft		0.5 - 1 ft	
			Sample ID	EF-B74-2.5		EF-B76-2.0		EF-B77-3.0		EF-B77-4.0		EF-B78-1.5		EF-B80-2.0		EF-B81-0.5		EF-B82-0.5		EF-B83-0.5		EF-B84-0.5		EF-B85-0.5	
			Lab ID	460-29620-1		460-29620-14		460-29620-7		460-29620-8		460-29902-3		460-29902-2		460-29596-22		460-29596-23		460-29596-24		460-29596-25		460-29532-1	
			Date collected	8/5/2011 10:30:00 AM		8/5/2011 2:30:00 PM		8/5/2011 10:15:00 AM		8/5/2011 10:20:00 AM		8/12/2011 2:55:00 PM		8/12/2011 1:43:00 PM		8/4/2011 2:15:00 PM		8/4/2011 2:25:00 PM		8/4/2011 2:20:00 PM		8/4/2011 2:16:00 PM		8/3/2011 10:30:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.5		4		4.2		4.2		4.7		4.5		6.3		6.3		5.9		6		5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg																						
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg																						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	5.7	J	< 0.55	UJ	< 0.53	UJ	< 0.58	UJ	< 0.59	UJ	< 0.54	UJ	7.6		< 0.58	U	9.9		4.8		3.2	
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg																						
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg																						
VANADIUM	7440-62-2		mg/kg																						
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-85		EF-86		EF-86		EF-86		EF-87		EF-87		EF-87		EF-88		EF-88		EF-88		EF-89	
			Depth interval	2 - 2.5 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		4.2 - 4.7 ft		0.5 - 1 ft		2 - 2.5 ft		5 - 5.5 ft		1 - 1.5 ft	
			Sample ID	EF-B85-2.0		EF-B86-0.5		EF-B86-2.0		EF-B86-4.0		EF-B87-0.5		EF-B87-2.0		EF-B87-4.2		EF-B88-0.5		EF-B88-2.0		EF-B88-5.0		EF-B89-1.0	
			Lab ID	460-29532-2		460-29797-8		460-29797-9		460-29797-10		460-29797-6		460-29797-7		460-29852-1		460-29532-13		460-29532-14		460-29532-15		460-29596-1	
			Date collected	8/3/2011 10:35:00 AM		8/10/2011 12:55:00 PM		8/10/2011 1:10:00 PM		8/10/2011 1:40:00 PM		8/10/2011 12:10:00 PM		8/10/2011 12:15:00 PM		8/11/2011 8:35:00 AM		8/3/2011 1:50:00 PM		8/3/2011 1:55:00 PM		8/3/2011 2:00:00 PM		8/4/2011 9:20:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5		5.5		5.5		5.5		5.3		5.3		5.3		5.4		5.4		5.4		5.2	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg																						
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg																						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	19.2		< 0.68	U	< 0.67	U	< 0.59	U	< 0.55	U	< 0.57	U	0.94	J	4.6		1.9	J	1.4	J	0.69	J
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg																						
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg																						
VANADIUM	7440-62-2		mg/kg																						
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-89		EF-89		EF-89		EF-90		EF-90		EF-94		EF-97		EF-98		F01		F01		F05	
			Depth interval	1 - 1.5 ft		3 - 3.5 ft		5 - 5.5 ft		1 - 1.5 ft		3 - 3.5 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		1 - 1.5 ft		3 - 3.5 ft		1 - 1.5 ft	
			Sample ID	EF-B89-1.0x		EF-B89-3.0		EF-B89-5.0		EF-B90-1.0		EF-B90-3.0		EF-B94-2.5		EF-B97-2.5		EF-B98-2.5		F01-1.0		F01S3		F05-1.0	
			Lab ID	460-29596-3		460-29596-2		460-29596-4		460-29596-13		460-29596-14		460-29902-1		460-29852-16		460-29852-17		662007		662008		662172	
			Date collected	8/4/2011 9:22:00 AM		8/4/2011 9:25:00 AM		8/4/2011 9:30:00 AM		8/4/2011 11:25:00 AM		8/4/2011 11:30:00 AM		8/12/2011 9:53:00 AM		8/11/2011 1:55:00 PM		8/11/2011 3:10:00 PM		8/5/2003		8/5/2003		8/6/2003	
			Sample Type	FD		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.2		5.2		5.2		4.9		4.9		3.4		3.4		3.2		5.4		5.4		3.5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																	**20100**	*	**21700**		**17300**	*
ANTIMONY	7440-36-0	**6**	mg/kg											2.8						**50.6**		**35.7**		**25.8**	
ARSENIC	7440-38-2	**19**	mg/kg																	< 67.7	UNM	< 67.6	UNM	< 22.8	UNM
BARIUM	7440-39-3	**1300**	mg/kg																	23	N	20.1	N	47.7	N
BERYLLIUM	7440-41-7	**0.5**	mg/kg																	< 6.77	U	< 6.8	U	< 5.7	U
CADMIUM	7440-43-9	**1**	mg/kg																	< 0.68	U	< 0.68	U	< 0.57	U
CALCIUM METAL	7440-70-2		mg/kg																	51000	*	43300	*	54100	
CHROMIUM	7440-47-3		mg/kg																	9880		6780		5090	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	6.3		17.4		160		3.6		4.9								3020	J	149	J	304	J
COBALT	7440-48-4	**59**	mg/kg																	**189**		**201**		56.1	
COPPER	7440-50-8	**7300**	mg/kg																	13.8		38.9		25.7	
CYANIDE	57-12-5	**13**	mg/kg																	**29.2**		< 1.37	U	< 1.19	U
IRON	7439-89-6		mg/kg																	116000		122000		43700	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																	18.2		8.2		55.8	
MAGNESIUM	7439-95-4		mg/kg																	68100		66200		37300	
MANGANESE	7439-96-5	**42**	mg/kg																	**906**	***N**	**845**	***N**	**445**	***N**
MERCURY	7439-97-6	**0.1**	mg/kg																	< 0.05	U	< 0.04	U	< 0.04	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg													17.1		27.4		**654**		**801**		**265**	
POTASSIUM	7440-09-7		mg/kg																	< 271	U	< 271	U	443	
SELENIUM	7782-49-2	**7**	mg/kg																	< 6.8	U	< 6.8	U	< 5.7	U
SILVER	7440-22-4	**1**	mg/kg																	< 1.4	UN	< 1.4	UN	< 1.1	U
SODIUM	7440-23-5		mg/kg																	733		1790		622	
THALLIUM	7440-28-0	**3**	mg/kg																	< 13.5	UM	< 13.5	UM	< 11.4	UM
VANADIUM	7440-62-2		mg/kg																	944		992		350	
ZINC	7440-66-6	**600**	mg/kg																	328		343		166	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	F1		F1		F1		F1		F2		F2		F2		F2		F2A		F2A		F2A							
			Depth interval	0.5 - 1 ft		0.5 - 1 ft		1 - 1.5 ft		1 - 1.5 ft		0 - 0.5 ft		0 - 0.5 ft		1 - 1.5 ft		1 - 1.5 ft		0 - 0.85 ft		4 - 4.2 ft		4.2 - 4.6 ft							
			Sample ID	F1S0.5		F1S0.5-		F1S1		F1S1-		F2S0		F2S0-1		F2S1		F2S1-		F2A0-		F2A4		F2A4.2-							
			Lab ID	707912		666384		707913		666385		707916		666393		666394		707917		J8972-7		J8972-8		J8972-11							
			Date collected	8/22/2003 1:50:00 PM		8/22/2003 1:50:00 PM		8/22/2003 1:55:00 PM		8/22/2003 1:55:00 PM		8/22/2003 8:12:00 AM		8/22/2003 8:12:00 AM		8/22/2003 8:20:00 AM		8/22/2003 8:20:00 AM		9/7/2005 10:45:00 AM		9/7/2005 11:05:00 AM		9/7/2005 11:32:00 AM							
			Sample Type	N		N		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	5.9		5.9		5.9		5.9		5.3		5.3		5.3		5.3		5.3		5.3		5.3							
			Excavated																												
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg			**39300**	**J**			**44900**	**J**			**13600**	**J**	**12700**	**J**			**12100**		**23800**		**14500**							
ANTIMONY	7440-36-0	**6**	mg/kg			**77.5**	**J**			**102**	**J**			**24.9**	**BJ**	**25.3**	**BJ**			**7.6**		**33.5**		**9.5**							
ARSENIC	7440-38-2	**19**	mg/kg	3.9	J			4.7	J			12.2	J					12.7	J	15.8		< 6.4	U	2.4							
BARIUM	7440-39-3	**1300**	mg/kg			53.3	J			38.6	J			168	J	137	J			172		< 130	U	193							
BERYLLIUM	7440-41-7	**0.5**	mg/kg			< 0.03	UJ			< 0.13	UJ			< 0.12	UJ	< 0.06	UJ			< 0.59	U	< 3.2	U	< 1.2	U						
CADMIUM	7440-43-9	**1**	mg/kg			< 1.4	U			< 0.64	U			< 0.57	U	< 0.6	U			0.83		< 3.2	U	**1.6**							
CALCIUM METAL	7440-70-2		mg/kg			146000	J			172000	J			32700	J	36100	J			34900		136000		51400							
CHROMIUM	7440-47-3		mg/kg			11700	J			15500	J			3730	J	3680	J			3960		15800		5020							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			1560	J			3290	J			143	J	445	J			88.6		1420		185							
COBALT	7440-48-4	**59**	mg/kg			**197**	**J**			< 63.6	U			**67.3**	**J**	**70.7**	**J**			58.4		**127**		**70**							
COPPER	7440-50-8	**7300**	mg/kg			26.1	J			21.7	J			67.2	J	70.3	J			85.9		68.6		71							
CYANIDE	57-12-5	**13**	mg/kg																												
IRON	7439-89-6		mg/kg			129000	J			< 1272	U			66900	J	52900	J			52200		73700		58700							
IRON (FERROUS)	15438-31-0		mg/kg																	< 1.2	U	< 1.3	U	< 1.2	U						
LEAD	7439-92-1	**59**	mg/kg			27	J			14.1	J			**496**	**J**	**436**	**J**			**658**		**81.9**		**317**							
MAGNESIUM	7439-95-4		mg/kg			80700	J			80400	J			27900	J	28200	J			20600		39500		21800							
MANGANESE	7439-96-5	**42**	mg/kg			**1350**	**J**			**1430**	**J**			**893**	**J**	**502**	**J**			**494**		**774**		**545**							
MERCURY	7439-97-6	**0.1**	mg/kg			< 0.09	U			< 0.04	U			**0.55**		**0.91**				**0.74**		0.082		**0.16**							
MOLYBDENUM	7439-98-7		mg/kg																												
NICKEL	7440-02-0	**31**	mg/kg			**767**	**J**			**731**	**J**			**229**	**J**	**245**	**J**			**215**		**527**		**277**							
POTASSIUM	7440-09-7		mg/kg			< 565	U			< 254	U			832		745				< 590	U	< 3200	U	< 1200	U						
SELENIUM	7782-49-2	**7**	mg/kg			< 1.4	U			< 6.4	U			< 5.7	U	< 0.6	U			< 1.2	U	< 6.4	U	< 2.4	U						
SILVER	7440-22-4	**1**	mg/kg			< 2.8	UJ			< 12.7	U			< 11.4	UJ	< 6	UJ			< 1.2	U	< 6.4	U	< 2.4	U						
SODIUM	7440-23-5		mg/kg			1550	J			1900	J			301	J	296	J			< 590	U	1180		658							
THALLIUM	7440-28-0	**3**	mg/kg	< 0.22	UJ			0.36	J			0.3	J	< 4	U	0.23	J	0.23	J	< 1.2	U	< 6.4	UM	< 2.4	U						
VANADIUM	7440-62-2		mg/kg			1560	J			< 63.6	U			408	J	429	J			429		757		226							
ZINC	7440-66-6	**600**	mg/kg			366	J			339	J			582	J	354	J			458		263		377							

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	F2A		F2A		F2A		F2-A		F2-A		F2-A		F2-A		F2-A		F3		F3		F3											
			Depth interval	4.6 - 4.86 ft		4.86 - 6.2 ft		4.86 - 6.2 ft		4 - 7 ft		4 - 7 ft		4 - 7 ft		4 - 7 ft		4 - 7 ft		0.5 - 1 ft		1.5 - 2 ft		1.5 - 2 ft											
			Sample ID	F2A4.6		F2A4.86		F2A4.D		F2AS1A		F2AS2A		F2AS3A		F2AS4A		F2AS5A		F3S0.5		F3DS1.5		F3S1.5											
			Lab ID	J8972-12		J8972-13		J8972-14		J13119-17		J13119-16		J13119-5		J13119-8		J13119-12		666979		666982		666980											
			Date collected	9/7/2005 11:34:00 AM		9/7/2005 11:45:00 AM		9/7/2005 11:45:00 AM		10/19/2005 4:05:00 PM		10/19/2005 4:05:00 PM		10/19/2005 9:50:00 AM		10/19/2005 10:00:00 AM		10/19/2005 10:20:00 AM		8/25/2003 8:10:00 AM		8/25/2003 8:15:00 AM		8/25/2003 8:12:00 AM											
			Sample Type	N		N		FD		N		N		N		N		N		N		FD		N											
			Depth to Groundwater	5.3		5.3		5.3		5.3		5.3		5.3		5.3		5.3		4.3		4.3		4.3											
			Excavated																																
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q										
ALUMINUM	7429-90-5	**3900**	mg/kg	**14900**		**26000**		**24000**		**22700**	**J**	**34400**	**J**	**33100**	**J**	**37200**	**J**	**29800**	**J**	**9920**		**15500**		**11500**											
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.2	U	**53.3**		**47**		**43.1**	**J**	**83.5**	**J**	**68.3**	**J**	**105**	**J**	**84.7**	**J**	**14.6**		**26.2**		**21.3**											
ARSENIC	7440-38-2	**19**	mg/kg	6.3		< 14	U	< 15	U	5.5		< 16	U	< 16	U	< 15	U	< 15	U		R													
BARIUM	7440-39-3	**1300**	mg/kg	223		< 290	U	< 290	U	124		< 320	U	< 310	U	< 310	U	< 300	U	85.9		58.1		71.7											
BERYLLIUM	7440-41-7	**0.5**	mg/kg	**0.74**		< 7.1	U	< 7.4	U	< 2.0	U	< 8.0	U	< 7.8	U	< 7.7	U	< 7.5	U		R													
CADMIUM	7440-43-9	**1**	mg/kg	**4.9**		< 7.1	U	< 7.4	U	< 2.0	U	< 8.0	U	< 7.8	U	< 7.7	U	< 7.5	U	< 0.57	U	< 0.58	U	< 0.57	U										
CALCIUM METAL	7440-70-2		mg/kg	40800		87500		94100		147000		300000		265000		352000		336000		30300		32700		21700											
CHROMIUM	7440-47-3		mg/kg	4400		25400		25100		13100		27800		26700		38100		32500		2330		4280		3460											
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	45.1		477		543		1900		4050		3270		4420		4340		80.9		58.8	J	74.1	J										
COBALT	7440-48-4	**59**	mg/kg	49.4		**143**		**126**		**94.3**		**155**		**137**		**167**		**153**		35.7		30.5		25.9											
COPPER	7440-50-8	**7300**	mg/kg	158		64.2		61.8		101	J	103	J	40.2	J	< 38	UJ	40.4	J	49.6	J	35.9	J	37.6	J										
CYANIDE	57-12-5	**13**	mg/kg																																
IRON	7439-89-6		mg/kg	52200		87600		112000		64200		75400		75400		81300		86200		31400		26200		24400											
IRON (FERROUS)	15438-31-0		mg/kg	< 1.2	U	< 1.5	U	< 1.5	U																										
LEAD	7439-92-1	**59**	mg/kg	**393**		**130**		**119**		**141**	**J**	21.5	J	**62.8**	**J**	25.7	J	26.9	J	**219**		**144**		**175**											
MAGNESIUM	7439-95-4		mg/kg	17300		41900		36800		27400		40600		36400		51100		45700		16300		12100		9530											
MANGANESE	7439-96-5	**42**	mg/kg	**479**		**770**		**805**		**702**		**1250**		**1130**		**1390**		**1420**		**313**		**270**		**225**											
MERCURY	7439-97-6	**0.1**	mg/kg	**0.38**		0.1		0.049		**0.16**		< 0.050	U	< 0.048	U	< 0.051	U	**0.12**		**0.15**	**J**	**0.2**	**J**	**0.2**	**J**										
MOLYBDENUM	7439-98-7		mg/kg																																
NICKEL	7440-02-0	**31**	mg/kg	**222**		**559**		**509**		**413**	**J**	**756**	**J**	**681**	**J**	**832**	**J**	**1100**	**J**	**123**		**123**		**101**											
POTASSIUM	7440-09-7		mg/kg	798		< 7100	U	< 7400	U	< 2000	U	< 8000	U	< 7800	U	< 7700	U	< 7500	U	486		568		694											
SELENIUM	7782-49-2	**7**	mg/kg	1.8		< 14	U	< 15	U	< 4.1	U	< 16	U	< 16	U	< 15	U	< 15	U	< 0.57	UJ	< 0.58	UJ	< 0.57	UJ										
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 14	U	< 15	U	< 4.1	U	< 16	U	< 16	U	< 15	U	< 15	U	< 1.1	U	< 1.2	U	< 1.1	U										
SODIUM	7440-23-5		mg/kg	5670		< 7100	U	< 7400	U	< 2000	U	< 8000	U	10200		9630		< 7500	U	234		316		273											
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 14	UM	< 15	UM	< 4.1	U	< 16	UM	< 16	UM	< 15	UM	< 15	UM	< 1.2	U	< 0.4	U	< 0.4	U										
VANADIUM	7440-62-2		mg/kg	191		979		866		418	J	638	J	586	J	678	J	541	J	224	J	219	J	178	J										
ZINC	7440-66-6	**600**	mg/kg	**753**		369		295		339	J	255	J	258	J	279	J	425	J	178	J	130	J	130	J										

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	F3		F3		F4		F4		F4		F4		F5		F5		F5		F6		F6	
			Depth interval	1.5 - 2 ft		1.5 - 2 ft		0.3 - 0.8 ft		4 - 4.5 ft		4 - 4.5 ft		4 - 4.5 ft		0.5 - 1 ft		4 - 4.5 ft		4 - 4.5 ft		0.5 - 1 ft		1.5 - 2 ft	
			Sample ID	F3S1.5-		F3S1.5D		F4S.3		F4DS4		F4S4		F4S4		F5S0.5		F5S4		F5S4-		F6S0.5		F6S1.5	
			Lab ID	708511		708512		668347		668359		668357		708518		668367		668368		707942		668976		668990	
			Date collected	8/25/2003 8:12:00 AM		8/25/2003 8:12:00 AM		8/29/2003 8:25:00 AM		8/29/2003 9:05:00 AM		8/29/2003 9:00:00 AM		8/29/2003 9:00:00 AM		8/29/2003 10:20:00 AM		8/29/2003 10:25:00 AM		8/29/2003 10:25:00 AM		9/2/2003 2:10:00 PM		9/2/2003 2:15:00 PM	
			Sample Type	N		FD		N		FD		N		N		N		N		N		N		N	
			Depth to Groundwater	4.3		4.3		4.2		4.2		4.2		4.2		4.5		4.5		4.5		5.2		5.2	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg					**13200**		**54300**		**81100**				**10500**		**37800**				1720		**24500**	
ANTIMONY	7440-36-0	**6**	mg/kg					**6.6**	**J**	**69.8**	**J**	**45.3**	**J**			2.5	BJ	**34**	**J**			< 0.45	UJ	**40.3**	**J**
ARSENIC	7440-38-2	**19**	mg/kg	6.9	J	6.5	J	< 2.3	UJ	< 29	UJM			3.8	J	< 0.22	UJ	< 13.8	UJ			1.3	J		
BARIUM	7440-39-3	**1300**	mg/kg					59	J	79.2	J	32.6	J			68.9	J	37	J			6.3		133	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	**0.56**	**J**	**0.66**	**J**	< 0.12	U	< 0.07	U	< 0.07	U			< 0.01	U	< 0.07	U			0.05	B	< 0.04	UJ
CADMIUM	7440-43-9	**1**	mg/kg					< 0.57	U	< 0.72	U	< 0.69	U			< 0.54	U	< 3.4	U			< 0.58	U	1	
CALCIUM METAL	7440-70-2		mg/kg					14700		74700		70200				10000		117000				615		54800	
CHROMIUM	7440-47-3		mg/kg					1460		15400		9870				568		7220				12.3	J	4860	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg					49.2	J	1500	J	2480	J			28.6	J	217	J			< 4.68	UJ	751	J
COBALT	7440-48-4	**59**	mg/kg					23.3	J	**125**	**J**	**71.2**	**J**			14.5	J	**177**	**J**			< 5.8	U	55.1	
COPPER	7440-50-8	**7300**	mg/kg					32.7		30.3		21.8				51		50.9				2.8	J	61.9	
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg					24400		80200		51600				22300		119000				4940	J	41500	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg					**72.7**	**J**	**129**	**J**	31.2	J			**80**	**J**	22.4	J			< 5.7	UJ	**158**	**J**
MAGNESIUM	7439-95-4		mg/kg					8180		47300		29900				5120		82300				89.9	J	27100	
MANGANESE	7439-96-5	**42**	mg/kg					**322**		**740**		**471**				**282**		**1220**				18.3	J	**457**	
MERCURY	7439-97-6	**0.1**	mg/kg					0.09	J	**2.9**	**J**	0.09	J			**0.19**	**J**	< 0.05	UJ			< 0.04	U	**0.81**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg					**74.9**	**J**	**457**	**J**	**271**	**J**			**36.2**	**J**	**789**	**J**			< 4.7	U	**220**	**J**
POTASSIUM	7440-09-7		mg/kg					1340		305		< 278	U			1470		< 275	U			< 234	U	981	
SELENIUM	7782-49-2	**7**	mg/kg					< 0.57	U	< 3.6	U	< 3.5	U			< 0.54	U	< 3.4	U			< 0.58	U	< 0.58	U
SILVER	7440-22-4	**1**	mg/kg					< 1.1	U	< 7.2	U	< 6.9	U			< 1.1	U	< 6.9	U			< 1.2	UJ	< 3.5	UJ
SODIUM	7440-23-5		mg/kg					295	J	1360	J	807	J			295	J	1580	J			< 117	UJ	1550	J
THALLIUM	7440-28-0	**3**	mg/kg					< 0.4	U	< 0.51	U	< 0.49	U			< 0.38	U			0.31	J	< 0.41	U	< 1.2	U
VANADIUM	7440-62-2		mg/kg					144		1310		806				77.1		1100				10.7	J	522	J
ZINC	7440-66-6	**600**	mg/kg					114	J	264	J	120	J			114	J	292	J			6.8	J	266	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	F6		F7		F7		F7		F7		F8		F8		F8		F9		F9		F9					
			Depth interval	1.5 - 2 ft		0.5 - 1 ft		0.5 - 1 ft		4.5 - 5 ft		4.5 - 5 ft		0.5 - 1 ft		2.5 - 3 ft		2.5 - 3 ft		0.5 - 1 ft		1 - 1.5 ft		1 - 1.5 ft					
			Sample ID	F6S1.5-		F7S0.5		F7S0.5-		F7S4.5		F7S4.5a		F8S0.5		F8S2.5		F8S2.5-		F9S0.5-1		F9S1		F9S1-					
			Lab ID	708436		668960		708437		708438		668961		669387		669390		708440		668377		668379		707944					
			Date collected	9/2/2003 2:15:00 PM		9/2/2003 11:05:00 AM		9/2/2003 11:05:00 AM		9/2/2003 11:10:00 AM		9/2/2003 11:10:00 AM		9/3/2003 9:00:00 AM		9/3/2003 10:50:00 AM		9/3/2003 10:50:00 AM		8/29/2003 1:20:00 PM		8/29/2003 1:45:00 PM		8/29/2003 1:45:00 PM					
			Sample Type	N		N		N		N		N		N		N		N		N		N		N					
			Depth to Groundwater	5.2		6.2		6.2		6.2		6.2		4.6		4.6		4.6		4.2		4.2		4.2					
			Excavated																										
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q				
ALUMINUM	7429-90-5	**3900**	mg/kg			**4490**						**25300**		1670		**19800**				**17400**		**22800**							
ANTIMONY	7440-36-0	**6**	mg/kg			1.4	B					**34**	**J**	< 0.44	U	**36.2**	**J**			**33.2**	**J**	**66.5**	**J**						
ARSENIC	7440-38-2	**19**	mg/kg	9.3				1.2		2.3				0.68	B			2.1		**34**		< 18.3	U						
BARIUM	7440-39-3	**1300**	mg/kg			13.6						21.6		8.6	J	24.1	J			93.4	J	94.2	J						
BERYLLIUM	7440-41-7	**0.5**	mg/kg			< 0.01	UJ					< 0.14	UJ	0.06	B	< 0.07	UJ			< 0.15	U	< 0.02	U						
CADMIUM	7440-43-9	**1**	mg/kg			< 0.55	U					< 3.4	U	< 0.57	U	< 3.5	U			< 0.76	U	< 0.91	U						
CALCIUM METAL	7440-70-2		mg/kg			2980						58400		< 57.1	U	52700				74900		191000							
CHROMIUM	7440-47-3		mg/kg			340	J					6850	J	133		6700				6020		10100							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			21.9	J					434	J	46.6	J	655	J			311	J	1390	J						
COBALT	7440-48-4	**59**	mg/kg			8.80						**229**		< 5.7	UJ	**186**	**J**			56.2	J	**66.1**	**J**						
COPPER	7440-50-8	**7300**	mg/kg			7.8	J					16.8	J	2.6	J	27.6	J			77.3		24.8							
CYANIDE	57-12-5	**13**	mg/kg																										
IRON	7439-89-6		mg/kg			15100	J					127000	J	3710	J	108000	J			72700		32900							
IRON (FERROUS)	15438-31-0		mg/kg																										
LEAD	7439-92-1	**59**	mg/kg			9	J					19.4	J	< 5.7	UJ	26.9	J			**159**	**J**	28	J						
MAGNESIUM	7439-95-4		mg/kg			1820	J					69800	J	< 57.1	UJ	67600	J			27100		31500							
MANGANESE	7439-96-5	**42**	mg/kg			**48.5**	**J**					**995**	**J**	6.00		**851**				**556**		**728**							
MERCURY	7439-97-6	**0.1**	mg/kg			**0.14**						0.09		< 0.04	U	< 0.05	U			**0.47**	**J**	< 0.06	UJ						
MOLYBDENUM	7439-98-7		mg/kg																										
NICKEL	7440-02-0	**31**	mg/kg			25.4	J					**820**	**J**	< 4.6	UJ	**708**	**J**			**270**		**381**	**J**						
POTASSIUM	7440-09-7		mg/kg			< 221	U					< 272	U	< 228	U	< 279	U			527		< 365	U						
SELENIUM	7782-49-2	**7**	mg/kg			< 0.55	U					< 3.4	U	< 0.57	U	< 3.5	U			5.1		1.1							
SILVER	7440-22-4	**1**	mg/kg			< 1.1	UJ					< 6.8	UJ	< 1.1	UJ	< 7	UJ			< 1.5	U	< 1.8	U						
SODIUM	7440-23-5		mg/kg			< 111	UJ					1960	J	783		2200				684	J	275	J						
THALLIUM	7440-28-0	**3**	mg/kg			< 0.39	U					< 0.48	U	< 0.4	U	< 0.49	U			< 0.53	U			0.55	J				
VANADIUM	7440-62-2		mg/kg			48.7	J					990	J	12.9	J	918	J			209		136							
ZINC	7440-66-6	**600**	mg/kg					19.6				336	J	6	J	314	J			220	J	166	J						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		G2		G2		G2		G2		G2		G3		G4		G4		G4A		G6	
				Depth interval		0.5 - 1 ft		0.5 - 1 ft		1 - 1.5 ft		1 - 1.5 ft		1 - 1.5 ft		1 - 1.5 ft		0 - 0.5 ft		0 - 0.5 ft		2.5 - 3 ft		0 - 0.5 ft		0.5 - 1 ft	
				Sample ID		G2S.5		G2S0.5		G2DS1		G2S1		G2S1-		G2-S1D		G-3-0-0		G4-0-0		G4-2.5		G4A-0-0		G6S0.5	
				Lab ID		666391		707915		666608		707919		666392		708520		663217		665401		665403		665745		668964	
				Date collected		8/22/2003 2:50:00 PM		8/22/2003 2:50:00 PM		8/22/2003 3:20:00 PM		8/22/2003 3:15:00 PM		8/22/2003 3:15:00 PM		8/22/2003 3:15:00 PM		8/11/2003		8/19/2003		8/19/2003		8/20/2003		9/2/2003 1:20:00 PM	
				Sample Type		N		N		FD		N		N		FD		N		N		N		N		N	
				Depth to Groundwater		6.2		6.2		6.2		6.2		6.2		6.2		4.5		4.6		4.6		4.9		5.1	
				Excavated																					
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**15400**	**J**			**31600**	**J**			**30600**	**J**			**17700**	*	**24900**		**26700**	*	**17600**		1500	
ANTIMONY	7440-36-0	**6**	mg/kg	**43**	**J**			**191**	**J**			**181**	**BJ**			**28.2**	**N**	**78.5**		**49.2**		**25**		< 0.42	UJ
ARSENIC	7440-38-2	**19**	mg/kg			4.7	J			10.4	J			9.5	J	< 12.4	U*	< 63.9	UM	< 65.1	UM	< 14	U	1.2	J
BARIUM	7440-39-3	**1300**	mg/kg	226	J			59.9				57.3				119		26.4	*	22	*	58.1		8.7	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.06	UJ			< 0.15	UJ			< 0.16	UJ			< 6.2	U	< 3.2	U	< 3.3	U	< 3.5	U	0.09	BJ
CADMIUM	7440-43-9	**1**	mg/kg	0.85				< 0.75	U			< 0.77	U			0.65	*N	< 0.64	U	< 0.65	U	< 0.7	U	< 0.55	U
CALCIUM METAL	7440-70-2		mg/kg	66400	J			278000	J			294000	J			49300	*	89500		92900		69800		113	
CHROMIUM	7440-47-3		mg/kg	6880	J			28300	J			27200	J			4650		11300	*	5840	*	3370		39.5	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	184	J			7490	J			7960	J			394	J	38100	J	1950		497	J	6.32	J
COBALT	7440-48-4	**59**	mg/kg	**87.0**	**J**			**146**	**J**			**145**	**J**			**84.1**	*	**148**		**120**		**95.6**		< 5.5	U
COPPER	7440-50-8	**7300**	mg/kg	112	J			13.3	J			11.5	J			138		9.3		6.2		35.9		2.7	J
CYANIDE	57-12-5	**13**	mg/kg													**14.1**		3.43				< 1.42	U		
IRON	7439-89-6		mg/kg	64100	J			71600	J			71800	J			62800		108000	*	93500	*	79300		4930	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**221**	**J**			13.2	J			12.9	J			**321**		41.7		**155**		**69.9**		< 5.4	UJ
MAGNESIUM	7439-95-4		mg/kg	24900	J			39900	J			40200	J			37100	*	88300	*	77800	*	45600		113	J
MANGANESE	7439-96-5	**42**	mg/kg	**641**	**J**			**1380**	**J**			**1340**	**J**			**616**		**976**		**890**		**877**		16.1	J
MERCURY	7439-97-6	**0.1**	mg/kg	**0.23**				< 0.05	U			< 0.05	U			**0.32**		**0.13**		< 0.04	U	0.09		< 0.04	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**346**	**J**			**726**	**J**			**725**	**J**			**306**	***N**	**499**		**416**		**597**		< 4.4	U
POTASSIUM	7440-09-7		mg/kg	638				298				< 306	U			478	*	< 256	U	< 260	U*	< 280	U	238	
SELENIUM	7782-49-2	**7**	mg/kg	< 0.58	U			< 7.5	U			< 7.7	U			< 6.2	U	< 0.64	U	0.97		< 3.5	U	< 0.55	U
SILVER	7440-22-4	**1**	mg/kg	< 5.8	UJ			< 14.9	UJ			< 15.3	UJ			< 1.2	U	< 6.4	U	< 6.5	U	< 7	U	< 1.1	UJ
SODIUM	7440-23-5		mg/kg	2120	J			1770	J			1530	J			413	*	490		758		664		< 109	UJ
THALLIUM	7440-28-0	**3**	mg/kg			< 0.19	UJ			0.39	J			0.58	J	< 12.4	UM	< 6.4	UM	< 6.5	UM	< 7	UM	< 0.38	U
VANADIUM	7440-62-2		mg/kg	316	J			963				750				507	*N	957		827		1150		12	J
ZINC	7440-66-6	**600**	mg/kg	397	J			280	J			279	J			401		201		205		59.9		6.6	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	G7		G7		G8		G8		G8		G8		G9		G9		G9		GA		GA	
			Depth interval	0.5 - 1 ft		0.5 - 1 ft		0.5 - 1 ft		0.5 - 1 ft		4 - 4.5 ft		4 - 4.5 ft		0.5 - 1 ft		0.5 - 1 ft		3.5 - 4 ft		0.1 - 0.5 ft		0.8 - 1.8 ft	
			Sample ID	G7S0.5		G7S0.5-668955		G8S0.5		G8S0.5-708524		G8S4		G8-S4		G9S0.5		G9S0.5-707945		G9S3.5		GA0.1		GA0.8	
			Lab ID	708522				668946				668947		708525		668381				668382		712563		712564	
			Date collected	9/2/2003 10:20:00 AM		9/2/2003 10:20:00 AM		9/2/2003 9:00:00 AM		9/2/2003 9:00:00 AM		9/2/2003 9:10:00 AM		9/2/2003 9:10:00 AM		8/29/2003 2:10:00 PM		8/29/2003 2:10:00 PM		8/29/2003 2:25:00 PM		3/15/2004 10:17:00 AM		3/15/2004 10:15:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.3		5.3		5.1		5.1		5.1		5.1		5.5		5.5		5.5		6		6	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg			**4030**		**12900**				**25600**				**23300**				**22400**					
ANTIMONY	7440-36-0	**6**	mg/kg			4.7	BJ	**32.4**	**J**			**29.6**	**J**			**47.2**	**J**			**46.2**	**J**				
ARSENIC	7440-38-2	**19**	mg/kg	3.6	J					5	J			1.4	J	< 14	U			< 12.6	U				
BARIUM	7440-39-3	**1300**	mg/kg			24.8		150				24				21.9	J			19.2	J				
BERYLLIUM	7440-41-7	**0.5**	mg/kg			< 0.01	UJ	< 0.06	UJ			< 0.07	UJ			< 0.14	U			< 0.13	U				
CADMIUM	7440-43-9	**1**	mg/kg			< 0.56	U	< 0.63	U			< 3.6	U			< 0.7	U			< 6.3	U				
CALCIUM METAL	7440-70-2		mg/kg			9270		29600				60300				40700				40700					
CHROMIUM	7440-47-3		mg/kg			899	J	5710	J			6210	J			7730				7530					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			304	J	54	J			94.9	J			213	J			141	J	< 4.18	U	10.3	
COBALT	7440-48-4	**59**	mg/kg			19.8		**68.2**				**237**				**205**	**J**			**223**	**J**				
COPPER	7440-50-8	**7300**	mg/kg			11.2	J	127	J			20.9	J			14.8				11.1					
CYANIDE	57-12-5	**13**	mg/kg																	< 1.32	U				
IRON	7439-89-6		mg/kg			16100	J	49400	J			140000	J			136000				142000					
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg			33.6	J	**639**	**J**			14.8	J			14.8	J			11.9	J				
MAGNESIUM	7439-95-4		mg/kg			6480	J	19400	J			72200	J			63800				67600					
MANGANESE	7439-96-5	**42**	mg/kg			**124**	**J**	**530**	**J**			**1030**	**J**			**887**				**971**					
MERCURY	7439-97-6	**0.1**	mg/kg			0.08		**0.2**				< 0.04	U			0.05	J			< 0.04	UJ				
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg			**65.2**	**J**	**233**	**J**			**891**	**J**			**789**	**J**			**856**	**J**				
POTASSIUM	7440-09-7		mg/kg			< 226	U	415				< 290	U			< 279	U			< 251	U				
SELENIUM	7782-49-2	**7**	mg/kg			< 0.56	U	< 0.63	U			< 3.6	U			1.3				< 0.63	U				
SILVER	7440-22-4	**1**	mg/kg			< 1.1	UJ	< 1.3	UJ			< 7.2	UJ			< 1.4	U			< 1.3	U				
SODIUM	7440-23-5		mg/kg			377	J	400	J			2430	J			2310	J			2580	J				
THALLIUM	7440-28-0	**3**	mg/kg			< 0.4	U	< 0.44	U			< 0.51	U					< 0.24	UJ	< 4.4	U				
VANADIUM	7440-62-2		mg/kg			110	J	371	J			1130	J			782				575					
ZINC	7440-66-6	**600**	mg/kg			55.5	J	373	J			364	J			320	J			355	J				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	GA		GA		GA		GB		GB		GB		GB		GB		GB		GB		GB		GC	
			Depth interval	4 - 4.5 ft		5.2 - 6.2 ft		5.2 - 6.2 ft		0.4 - 0.9 ft		0.4 - 0.9 ft		1.5 - 2 ft		1.5 - 2 ft		4 - 4.5 ft		4 - 4.5 ft		4 - 4.5 ft		4 - 4.5 ft			
			Sample ID	GA4		GA5.2		GA5.2D		GB0.4		GB0.4-		GB1.5		GB1.5-		GB4		GB4.0		GB4.0-		GC4			
			Lab ID	712565		712566		712567		712573		727913		712574		727914		712575		727919		727915		712780			
			Date collected	3/15/2004 10:30:00 AM		3/15/2004 10:35:00 AM		3/15/2004 10:35:00 AM		3/15/2004 1:15:00 PM		3/15/2004 1:15:00 PM		3/15/2004 1:17:00 PM		3/15/2004 1:17:00 PM		3/15/2004 1:30:00 PM		3/16/2004 1:30:00 PM		3/15/2004 1:30:00 PM		3/16/2004 2:25:00 PM			
			Sample Type	N		N		FD		N		N		N		N		N		N		N		N			
			Depth to Groundwater	6		6		6		5.6		5.6		5.6		5.6		5.6		5.6		5.6		5.5			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg									2.3	J			0.41	J					< 0.41	UJ				
ARSENIC	7440-38-2	**19**	mg/kg									14.4				5.5	J										
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg																								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 4.72	U	< 4.55	U	< 4.54	U	20.6				48.4				< 5.13	U					< 5.22	UJ		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg									**725**	J			22.2	J										
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg																								
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg									< 0.2	U			0.27											
VANADIUM	7440-62-2		mg/kg																								
ZINC	7440-66-6	**600**	mg/kg									134	J			106	J			370	J						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	GD		GD		GD		GE		GE		GE		GG		GG		GG		GT-18		GT-18			
			Depth interval	4 - 4.5 ft		4 - 4.5 ft		4 - 4.5 ft		4.1 - 4.6 ft		4.1 - 4.6 ft		4.1 - 4.6 ft		4.4 - 4.9 ft		4.4 - 4.9 ft		4.4 - 4.9 ft		1 - 2 ft		5 - 7 ft			
			Sample ID	GD4		GD4.0D		GD4D		GE4.1		GE4.1-		GE4.1D		GG 4.4D		GG4.4		GG4.4-		GT-18-1-2		GT-18-5-7			
			Lab ID	712776		727920		712777		712769		727923		727924		727928		712764		727927		JA73908-10		JA73908-11			
			Date collected	3/16/2004 12:25:00 PM		3/16/2004 12:25:00 PM		3/16/2004 12:25:00 PM		3/16/2004 10:53:00 AM		3/16/2004 10:53:00 AM		3/16/2004 10:53:00 AM		3/16/2004 9:43:00 AM		3/16/2004 9:43:00 AM		3/16/2004 9:43:00 AM		4/22/2011 1:37:00 PM		4/22/2011 2:00:00 PM			
			Sample Type	N		FD		FD		N		N		FD		FD		N		N		N		N			
			Depth to Groundwater	5.6		5.6		5.6		5.4		5.4		5.4		5		5		5		5.9		5.9			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg			< 0.43	UJ					< 0.42	UJ	< 0.43	UJ												
ARSENIC	7440-38-2	**19**	mg/kg													4.7				5.3							
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg																			5690		4060			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 5.6	UJ			< 5.06	UJ	< 5.37	UJ							< 4.89	UJ			589		365			
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg													**85**	J			**130**	J						
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg																								
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg																								
VANADIUM	7440-62-2		mg/kg																								
ZINC	7440-66-6	**600**	mg/kg			143	J																				

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Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	GT-19		GT-3		GT-5		GT-5		HB		HB		HC		HC		HC		HC		HC			
			Depth interval	1 - 2 ft		1 - 2 ft		1 - 2 ft		5 - 6 ft		0.3 - 0.8 ft		2 - 2.5 ft		0.5 - 1 ft		1.8 - 2.3 ft		1.8 - 2.3 ft		1.8 - 2.3 ft		4 - 4.5 ft			
			Sample ID	GT-19-1-2		GT-3-1-2		GT-5-1-2		GT-5-5-6		HB0.3		HB2		HC0.5		HC 1.8D		HC1.8		HC1.8		HC4			
			Lab ID	JA74276-2		JA73908-1		JA73908-5		JA73908-6		713071		713073		713076		727936		713077		727932		713080			
			Date collected	4/26/2011 1:15:00 PM		4/20/2011 7:50:00 AM		4/21/2011 10:45:00 AM		4/21/2011 11:00:00 AM		3/17/2004 10:05:00 AM		3/17/2004 10:07:00 AM		3/17/2004 10:30:00 AM		3/17/2004 10:38:00 AM		3/17/2004 10:38:00 AM		3/17/2004 10:38:00 AM		3/17/2004 10:50:00 AM			
			Sample Type	N		N		N		N		N		N		N		FD		N		N		N			
			Depth to Groundwater	5		4.6		5.7		5.7		6.8		6.8		4.4		4.4		4.4		4.4		4.4			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg															**7.6**	**BJ**			**7.7**	**BJ**				
ARSENIC	7440-38-2	**19**	mg/kg															11.6				8.4					
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg															< 0.01	U			< 0.01	U				
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg	5540	J	1140		5190		2360																	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	286		64.6		393		156		1010		373		187				< 5.15	U			24.6			
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg															**522**				**551**					
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg															18.6				28.5					
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg															< 0.22	U			< 0.23	U				
VANADIUM	7440-62-2		mg/kg															17.9	J			21	J				
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	HE		HE		HE		HE		HH		HH		HH		HH		HH		HI		HI			
			Depth interval	0.8 - 1.3 ft		2.5 - 3 ft		4 - 4.5 ft		5 - 5.5 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		2 - 2.5 ft		2 - 2.5 ft		4 - 4.5 ft		0.3 - 0.8 ft		2 - 2.5 ft			
			Sample ID	HE.75		HE2.5		HE4		HE5		HH0.3		HH0.3		HH2		HH2		HH4		HI0.3		HI2			
			Lab ID	713088		713089		713090		713091		713099		727937		713100		727938		713085		713240		713241			
			Date collected	3/17/2004 2:45:00 PM		3/17/2004 2:50:00 PM		3/17/2004 3:00:00 PM		3/17/2004 3:02:00 PM		3/17/2004 1:47:00 PM		3/17/2004 1:47:00 PM		3/17/2004 1:50:00 PM		3/17/2004 1:50:00 PM		3/17/2004 2:00:00 PM		3/18/2004 8:55:00 AM		3/18/2004 8:58:00 AM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	6.3		6.3		6.3		6.3		5		5		5		5		5		5.7		5.7			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg											5.7	BJ			2.9	BJ								
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg																								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 4.58	U	< 4.43	U	< 4.87	U	< 5.03	U	12.9				7.26				< 5.02	U	< 4.3	UJ	< 4.44	UJ		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg											**70.7**				26.1									
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg											0.22				0.27									
VANADIUM	7440-62-2		mg/kg											71				28.8									
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	HI		HI		HK		HK		HK		HK		HK		HL		HM		HN		HN	
			Depth interval	4 - 4.5 ft		5 - 5.5 ft		1.3 - 1.8 ft		1.3 - 1.8 ft		3 - 3.5 ft		5 - 5.5 ft		7 - 7.3 ft		1.1 - 1.6 ft		1 - 1.5 ft		1 - 1.5 ft		3 - 3.5 ft	
			Sample ID	HI4		HI5		HK1.25		HK1.25D		HK3		HK5		HK7		HL1.1		HM1.0		HN1.0		HN3.0	
			Lab ID	713242		713243		713250		713251		713252		713253		713254		713259		713258		713260		713261	
			Date collected	3/18/2004 9:05:00 AM		3/18/2004 9:35:00 AM		3/18/2004 11:10:00 AM		3/18/2004 11:10:00 AM		3/18/2004 11:15:00 AM		3/18/2004 11:55:00 AM		3/18/2004 12:00:00 PM		3/18/2004 1:45:00 PM		3/18/2004 1:30:00 PM		3/18/2004 2:15:00 PM		3/18/2004 2:25:00 PM	
			Sample Type	N		N		N		FD		N		N		N		N		N		N		N	
			Depth to Groundwater	5.7		5.7		7.1		7.1		7.1		7.1		7.1		6.2		6.1		6.1		6.1	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg																						
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg																						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	30.1	J	11.6	J	< 4.32	UJ	< 4.35	UJ	< 4.58	UJ	45.1	J	< 5.56	UJ	< 4.41	UJ	< 4.73	UJ	< 4.61	UJ	< 4.77	UJ
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg																						
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg																						
VANADIUM	7440-62-2		mg/kg																						
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	HN		ICO-04		ICO-04		ICO-04		ICO-04		ICO-05		ICO-05		ICO-05		ICO-05		ICO-06		ICO-06			
			Depth interval	5 - 5.5 ft		0.8 - 1.3 ft		2 - 2.5 ft		4 - 4.5 ft		6 - 6.5 ft		0.8 - 1.3 ft		2 - 2.5 ft		4 - 4.5 ft		6.5 - 7 ft		0.8 - 1.3 ft		2 - 2.5 ft			
			Sample ID	HN5.0		ICO-4-0.8		ICO-4-2.0		ICO-4-4.0		ICO-4-6.0		ICO-5-0.8		ICO-5-2.0		ICO-5-4.0		ICO-5-6.5		ICO-6-0.8		ICO-6-2.0			
			Lab ID	713262		460-29712-9		460-29712-10		460-29712-11		460-29754-1		460-29754-16		460-29754-17		460-29754-18		460-29797-1		460-29754-9		460-29754-10			
			Date collected	3/18/2004 2:45:00 PM		8/8/2011 10:30:00 AM		8/8/2011 10:35:00 AM		8/8/2011 11:10:00 AM		8/9/2011 9:10:00 AM		8/9/2011 10:15:00 AM		8/9/2011 10:30:00 AM		8/9/2011 10:40:00 AM		8/10/2011 8:40:00 AM		8/9/2011 9:00:00 AM		8/9/2011 9:15:00 AM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	6.1		6.6		6.6		6.6		6.6		8.4		8.4		8.4		8.4		9		9			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg																								
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg																								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 4.94	UJ	1.5	J	< 0.56	U	< 0.58	U	< 0.56	U	< 0.51	U	< 0.54	U	< 0.55	U	< 0.56	U	< 0.50	U	< 0.57	U		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg																								
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg																								
VANADIUM	7440-62-2		mg/kg																								
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	ICO-06		ICO-06		ICO-06		ICO-07		ICO-07		ICO-07		ICO-07		ICO-08		ICO-08		ICO-08		ICO-09	
			Depth interval	4 - 4.5 ft		6 - 6.5 ft		7.5 - 8 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		0.5 - 1 ft	
			Sample ID	ICO-6-4.0		ICO-6-6.0		ICO-6-7.5		ICO-7-0.5		ICO-7-2.0		ICO-7-4.0		ICO-7-6.0		ICO-8-0.5		ICO-8-2.0		ICO-8-4.0		ICO-9-0.5	
			Lab ID	460-29754-11		460-29754-12		460-29754-13		460-26472-2		460-26472-3		460-26472-4		460-26472-5		460-26395-1		460-26395-2		460-26395-3		460-26348-10	
			Date collected	8/9/2011 9:25:00 AM		8/9/2011 10:35:00 AM		8/9/2011 10:45:00 AM		5/13/2011 10:00:00 AM		5/13/2011 10:10:00 AM		5/13/2011 10:20:00 AM		5/13/2011 10:55:00 AM		5/12/2011 8:55:00 AM		5/12/2011 9:00:00 AM		5/12/2011 9:20:00 AM		5/11/2011 11:05:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	9		9		9		6.1		6.1		6.1		6.1		4.5		4.5		4.5		6	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg																						
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg																						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.57	U	< 0.59	U	< 0.56	U	35.5	J	1.8	J	< 0.61	UJ	< 0.62	UJ	9.2	J	1.4	J	< 0.58	UJ	< 0.58	UJ
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg																						
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg																						
VANADIUM	7440-62-2		mg/kg																						
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	ICO-09		ICO-09		ICO-10		ICO-10		ICO-10		ICO-10		ICO-10		ICO-14		ICO-14		ICO-14		ICO-14	
			Depth interval	2 - 2.5 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		4 - 4.5 ft	
			Sample ID	ICO-9-2.0		ICO-9-4.0		ICO-10-0.5		ICO-10-2.0		ICO-10-4.0		ICO-10-4.0x		ICO-10-6.0		ICO-14-0.5		ICO-14-2.0		ICO-14-2.0x		ICO-14-4.0	
			Lab ID	460-26348-11		460-26348-12		460-26348-6		460-26348-7		460-26348-8		460-26348-9		460-26348-1		460-27297-13		460-27297-11		460-27297-12		460-27297-14	
			Date collected	5/11/2011 11:10:00 AM		5/11/2011 11:45:00 AM		5/11/2011 10:00:00 AM		5/11/2011 10:10:00 AM		5/11/2011 10:20:00 AM		5/11/2011 10:25:00 AM		5/11/2011 1:42:00 PM		6/6/2011 9:10:00 AM		6/6/2011 9:23:00 AM		6/6/2011 9:25:00 AM		6/6/2011 9:35:00 AM	
			Sample Type	N		N		N		N		N		FD		N		N		N		FD		N	
			Depth to Groundwater	6		6		8.2		8.2		8.2		8.2		8.2		7.3		7.3		7.3		7.3	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																						
ANTIMONY	7440-36-0	**6**	mg/kg																						
ARSENIC	7440-38-2	**19**	mg/kg																						
BARIUM	7440-39-3	**1300**	mg/kg																						
BERYLLIUM	7440-41-7	**0.5**	mg/kg																						
CADMIUM	7440-43-9	**1**	mg/kg																						
CALCIUM METAL	7440-70-2		mg/kg																						
CHROMIUM	7440-47-3		mg/kg																						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.58	UJ	< 0.60	UJ	< 0.58	UJ	< 0.59	UJ	< 0.56	UJ	< 0.55	UJ	< 0.58	UJ	2.8	J	< 0.58	UJ	< 0.59	UJ	< 0.54	UJ
COBALT	7440-48-4	**59**	mg/kg																						
COPPER	7440-50-8	**7300**	mg/kg																						
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg																						
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg																						
MAGNESIUM	7439-95-4		mg/kg																						
MANGANESE	7439-96-5	**42**	mg/kg																						
MERCURY	7439-97-6	**0.1**	mg/kg																						
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg																						
POTASSIUM	7440-09-7		mg/kg																						
SELENIUM	7782-49-2	**7**	mg/kg																						
SILVER	7440-22-4	**1**	mg/kg																						
SODIUM	7440-23-5		mg/kg																						
THALLIUM	7440-28-0	**3**	mg/kg																						
VANADIUM	7440-62-2		mg/kg																						
ZINC	7440-66-6	**600**	mg/kg																						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	ICO-14		ICO-17		ICO-17		ICO-17		ICO-17		ICO-19		ICO-19		ICO-19		ICO-20		ICO-20		ICO-20			
			Depth interval	6 - 6.5 ft		0.8 - 1.3 ft		2 - 2.5 ft		4 - 4.5 ft		6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft			
			Sample ID	ICO-14-6.0		ICO-17-0.8		ICO-17-2.0		ICO-17-4.0		ICO-17-6.0		ICO-19-0.5		ICO-19-2.0		ICO-19-4.0		ICO-20-0.5		ICO-20-2.0		ICO-20-4.0			
			Lab ID	460-27297-2		460-29754-19		460-29754-20		460-29754-21		460-29797-2		460-27347-2		460-27347-3		460-27347-4		460-27297-15		460-27297-16		460-27297-17			
			Date collected	6/6/2011 10:37:00 AM		8/9/2011 12:00:00 PM		8/9/2011 12:10:00 PM		8/9/2011 12:20:00 PM		8/10/2011 9:40:00 AM		6/7/2011 10:15:00 AM		6/7/2011 10:25:00 AM		6/7/2011 12:30:00 PM		6/6/2011 11:50:00 AM		6/6/2011 12:00:00 PM		6/6/2011 12:20:00 PM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	7.3		6.4		6.4		6.4		6.4		4.5		4.5		4.5		4.2		4.2		4.2			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg																								
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg																								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 0.79	UJ	1.1	J	< 0.55	U	< 0.58	U	< 0.57	U	< 0.52	UJ	< 0.56	UJ	12.8	J	< 0.66	UJ	< 0.65	UJ	< 0.76	UJ		
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg																								
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg																								
VANADIUM	7440-62-2		mg/kg																								
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	ICO-21		ICO-21		ICO-21		ICO-22		ICO-22		ICO-22		ICO-25		ICO-25		ICO-25		MW10A		MW10A	
			Depth interval	0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft		4.1 - 4.6 ft		0.7 - 1.5 ft		2 - 2.5 ft		4 - 4.5 ft		0.5 - 1 ft		2 - 2.5 ft			
			Sample ID	ICO-B21-0.5		ICO-B21-2.0		ICO-B21-4.0		ICO-B22-0.5		ICO-B22-2.0		ICO-B22-4.1		ICO-25-0.7		ICO-25-2.0		ICO-25-4.0		MW10AA0		MW10AB2			
			Lab ID	460-27221-1		460-27221-2		460-27221-3		460-27221-4		460-27221-5		460-27221-6		460-29712-12		460-29712-13		460-29712-14		851681		851682			
			Date collected	6/3/2011 10:00:00 AM		6/3/2011 10:20:00 AM		6/3/2011 11:15:00 AM		6/3/2011 12:10:00 PM		6/3/2011 12:50:00 PM		6/3/2011 1:30:00 PM		8/8/2011 12:40:00 PM		8/8/2011 12:50:00 PM		8/8/2011 1:00:00 PM		10/17/2005 10:01:00 AM		10/17/2005 10:15:00 AM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	4.3		4.3		4.3		4.2		4.2		4.2		5.4		5.4		5.4		4.2		4.2			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg																								
ANTIMONY	7440-36-0	**6**	mg/kg																								
ARSENIC	7440-38-2	**19**	mg/kg																								
BARIUM	7440-39-3	**1300**	mg/kg																								
BERYLLIUM	7440-41-7	**0.5**	mg/kg																								
CADMIUM	7440-43-9	**1**	mg/kg																								
CALCIUM METAL	7440-70-2		mg/kg																								
CHROMIUM	7440-47-3		mg/kg																								
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	1.4	J	2.8		< 0.57	U	29.9		1.7	J	< 0.57	U	< 0.59	U	1.6	J	< 0.64	U	42.9		1850			
COBALT	7440-48-4	**59**	mg/kg																								
COPPER	7440-50-8	**7300**	mg/kg																								
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg																								
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg																								
MAGNESIUM	7439-95-4		mg/kg																								
MANGANESE	7439-96-5	**42**	mg/kg																								
MERCURY	7439-97-6	**0.1**	mg/kg																								
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg																								
POTASSIUM	7440-09-7		mg/kg																								
SELENIUM	7782-49-2	**7**	mg/kg																								
SILVER	7440-22-4	**1**	mg/kg																								
SODIUM	7440-23-5		mg/kg																								
THALLIUM	7440-28-0	**3**	mg/kg																								
VANADIUM	7440-62-2		mg/kg																								
ZINC	7440-66-6	**600**	mg/kg																								

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	MW10A		MW10A		MW12B		MW12B		MW12B		MW12B		MW1A		MW2A		MW2A		MW3B		MW3B	
			Depth interval	3 - 3.5 ft		3.5 - 4 ft		0 - 0.5 ft		0 - 0.5 ft		2 - 2.5 ft		6 - 6.5 ft		2 - 4 ft		1 - 3 ft		1 - 3 ft		0 - 0.5 ft		2.6 - 3.1 ft	
			Sample ID	MW10AC3		MW10AD3		MW12BA0		MW12BAD		MW12BB2		MW12BC6		MW1A2		MW2A1		MW2A1-		MW3B0		MW3B2.6	
			Lab ID	851683		851684		852133		852134		852135		852136		689705		715836		689073		664542		664544	
			Date collected	10/17/2005 10:18:00 AM		10/17/2005 10:20:00 AM		10/18/2005 8:39:00 AM		10/18/2005 8:39:00 AM		10/18/2005 8:50:00 AM		10/18/2005 9:00:00 AM		11/18/2003 2:50:00 PM		11/14/2003 2:15:00 PM		11/14/2003 2:15:00 PM		8/15/2003		8/15/2003	
			Sample Type	N		N		N		FD		N		N		N		N		N		N		N	
			Depth to Groundwater	4.2		4.2		7.5		7.5		7.5		7.5		5.3		6.3		6.3		4.4		4.4	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg					2640		2650		**39800**		**19000**		**9560**				**10400**		**9760**		**9400**	
ANTIMONY	7440-36-0	**6**	mg/kg					**11.6**	**B**	**7.4**	**B**	**696**	**J**	**285**	**J**	**14.9**	**J**			**26.6**	**J**	< 7	UN	< 6.6	UN
ARSENIC	7440-38-2	**19**	mg/kg					2.4	B	3.7	B	< 35.8	UJM	< 16.2	UJ	< 3.1	UJ	7.8				3.1	N	5.2	N
BARIUM	7440-39-3	**1300**	mg/kg					11.4	J	11	J	28.3	J	57	J	138				297		81.9		60	
BERYLLIUM	7440-41-7	**0.5**	mg/kg					< 0.03	UJ	< 0.03	UJ	< 0.2	UJ	< 0.18	UJ	< 0.02	U			< 0.02	UJ	< 0.59	U	< 0.55	U
CADMIUM	7440-43-9	**1**	mg/kg					0.38	B	0.28	B	**2.9**		**1.2**	**B**	0.64	J			0.27	BJ	< 0.59	U	< 0.55	U
CALCIUM METAL	7440-70-2		mg/kg					3240	J	1470	J	189000	J	97000	J	8580	J			74400		5380		1250	
CHROMIUM	7440-47-3		mg/kg					450	J	284	J	27400	J	11000	J	2630	J			7850		627	N	280	N
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	23.8		444		22.8		29.5		8360		1620		125	J			< 5.01	UJ	222	J	27.8	J
COBALT	7440-48-4	**59**	mg/kg					5.6	B	2.3	B	**125**	**J**	45.5	J	12.7				42.7		15.6		8	
COPPER	7440-50-8	**7300**	mg/kg					6.4	B	6.3	B	21.9	B	18.3	B	51.5				38.3	J	69.7		27.4	
CYANIDE	57-12-5	**13**	mg/kg													< 1.24	U			< 1.25	U	1.65			
IRON	7439-89-6		mg/kg					9080	J	10500	J	77500	J	32900	J	24000				21700		25200		18500	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg					13.8	J	10.4	J	11.2	J	13.2	J	**295**	**J**			**374**	**J**	**147**		53.6	
MAGNESIUM	7439-95-4		mg/kg					1810	J	826	J	107000	J	45000	J	5110				11700		5990		3450	
MANGANESE	7439-96-5	**42**	mg/kg					36.3	J	19.4	J	**1030**	**J**	**464**	**J**	**361**				**501**		**488**		**303**	
MERCURY	7439-97-6	**0.1**	mg/kg					0.01		0.01		< 0.005	UJ	0.02	J	**0.65**				**0.28**		**0.41**		0.06	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg					19.4	J	6.1	B	**753**	**J**	**269**	**J**	**42.8**				**144**		**43.4**		16.2	
POTASSIUM	7440-09-7		mg/kg					295	B	347	B	298	B	567	B	1060				768		1330		1420	
SELENIUM	7782-49-2	**7**	mg/kg					< 0.45	U	< 0.44	U	< 0.6	U	0.97		< 0.43	U			< 1.29	U	< 0.59	U	< 0.55	U
SILVER	7440-22-4	**1**	mg/kg					< 0.13	U	< 0.13	U	0.68		0.36		< 0.07	U			< 0.07	UJ	< 1.2	U	< 1.1	U
SODIUM	7440-23-5		mg/kg					88.4	B	81.9	B	2500		1400		801				1220		130		140	
THALLIUM	7440-28-0	**3**	mg/kg					< 0.37	U	< 0.36	U	**4.8**		1.8		< 0.49	U			< 0.49	U	< 3.5	U	< 2.2	U
VANADIUM	7440-62-2		mg/kg					40.7	J	30.3	J	240	J	159	J	62.2				26.8	J	70.2		32	
ZINC	7440-66-6	**600**	mg/kg					26.1	J	15.7	B	141	J	58.7	J	385				**757**	**J**	126		435	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	MW4A		MW4A		MW4D		MW4D		MW4D		MW4D		MW5A		MW5A		MW5D		MW5D		MW6A			
			Depth interval	2 - 4 ft		2 - 4 ft		0 - 0.5 ft		1.5 - 2 ft		2.5 - 3 ft		4 - 4.5 ft		0 - 2 ft		0 - 2 ft		0 - 2 ft		2 - 2.5 ft		1 - 3 ft			
			Sample ID	MW4A2		MW4A2-		MW4D0		MW4D1.		MW4D2.5		MW4D4		MW5A0		MW5A0-		MW5D-0		MW5D-2		MW6A1			
			Lab ID	689703		715860		665390		665396		665397		665398		715861		688687		663687		663689		715863			
			Date collected	11/18/2003 8:58:00 AM		11/18/2003 8:58:00 AM		8/19/2003		8/19/2003		8/19/2003		8/19/2003		11/13/2003 1:55:00 PM		11/13/2003 1:55:00 PM		8/12/2003		8/12/2003		11/12/2003 9:40:00 AM			
			Sample Type	N		N		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	5.2		5.2		7		7		7		7		4.9		4.9		4.3		4.3		5.3			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**8570**				**11500**	*	**8440**	*	**8850**	*	**9180**	*			**17600**		**21600**		**21700**					
ANTIMONY	7440-36-0	**6**	mg/kg	0.85	B			**15.4**		**8.4**		< 7.1	U	< 7.3	U			**34.9**	**J**	**35.6**		**37.2**					
ARSENIC	7440-38-2	**19**	mg/kg	6.1	J			< 1.2	U	**36.3**		< 1.2	U	2		10.4				< 62.8	UM	< 68.1	UM	**32**			
BARIUM	7440-39-3	**1300**	mg/kg	73.3				133	*	120	*	45.9	*	40.7	*			119		127		20.2					
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.02	U			< 6.1	U	< 0.57	U	< 0.59	U	< 0.61	U			< 0.04	UJ	< 6.28	U	< 6.81	U				
CADMIUM	7440-43-9	**1**	mg/kg	0.41	BJ			**1.2**		**1.6**		**1.6**		< 0.61	U			< 0.02	UJ	1		< 0.68	U				
CALCIUM METAL	7440-70-2		mg/kg	4290	J			28900		2090		1790		1460				102000		52500		47400					
CHROMIUM	7440-47-3		mg/kg	99.1	J			2100	*	967	*	508	*	388	*			10600		6140		6470					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 4.71	UJ			32.6	J	61.3	J	57.5	J	24.9	J			247	J	68	J	41.8	J				
COBALT	7440-48-4	**59**	mg/kg	6.6				48		7		< 5.9	U	6.9				**85.3**		**123**		**196**					
COPPER	7440-50-8	**7300**	mg/kg	35.1				48.7		49		15.7		12.1				40.7	J	60.4		14.7					
CYANIDE	57-12-5	**13**	mg/kg	< 1.18	U			12.3										< 1.38	U	1.93							
IRON	7439-89-6		mg/kg	17700				50400	*	18900	*	11200	*	11700	*			38600		80400		104000					
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg	**179**	**J**			**368**		**313**		**100**		16.4				**66.3**	**J**	**430**		14.9					
MAGNESIUM	7439-95-4		mg/kg	2420				12800		2680	*	3070	*	2650	*			16700		41400		66700					
MANGANESE	7439-96-5	**42**	mg/kg	**495**				**912**		**143**		**120**		**101**				**562**		**804**		**787**					
MERCURY	7439-97-6	**0.1**	mg/kg	**0.25**				**0.95**		**1.2**		**0.15**		< 0.04	U			**0.51**		**0.38**		0.05					
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	11.9				**166**		17.3		11.9		11.6				**295**		**460**		**733**					
POTASSIUM	7440-09-7		mg/kg	823				710	*	909	*	1350	*	1040	*			281	J	404		< 272	U				
SELENIUM	7782-49-2	**7**	mg/kg	< 0.4	U			1.7		2.9		< 0.59	U	< 0.61	U			< 0.95	U	< 6.28	U	< 6.81	U				
SILVER	7440-22-4	**1**	mg/kg	0.07	B			< 1.2	U	< 1.1	U	< 1.2	U	< 1.2	U			< 0.07	UJ	< 1.26	U	< 1.36	U				
SODIUM	7440-23-5		mg/kg	304				407		186		381		123				501		757		1860					
THALLIUM	7440-28-0	**3**	mg/kg			0.18		< 12.2	UM	< 3.4	U	< 1.2	U	< 1.2	U			1.2		< 12.6	UM	< 13.6	UM				
VANADIUM	7440-62-2		mg/kg	31.5				336		32.5		22.1		17.9				1050		581		983					
ZINC	7440-66-6	**600**	mg/kg	242				567		**1060**		**1380**		578				115	J	414		266					

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

				Location		MW6A		MW6AB		MW6AB		MW6D		MW6D		MW6D		MW6D		MW7A		MW7A		MW8A		MW8A	
				Depth interval		1 - 3 ft		1.62 - 2 ft		2.17 - 2.73 ft		0 - 0.5 ft		2 - 2.5 ft		6 - 6.5 ft		6 - 6.5 ft		0 - 2 ft		0 - 2 ft		0 - 2 ft		0 - 2 ft	
				Sample ID		MW6A1-		MW6AB1e		MW6AB2a		MW6D-0		MW6D-2.		MW6D-6.		MW6DD-6		MW7A0-2		MW7A0-2		MW8A0		MW8A0-2	
				Lab ID		688684		J8861-26		J8861-27		664005		664023		664028		664029		688685		715866		689071		715868	
				Date collected		11/12/2003 9:40:00 AM		9/6/2005 10:05:00 AM		9/6/2005 10:15:00 AM		8/13/2003		8/13/2003		8/13/2003		8/13/2003		11/12/2003 3:55:00 PM		11/12/2003 3:55:00 PM		11/14/2003 12:40:00 PM		11/14/2003 12:40:00 PM	
				Sample Type		N		N		N		N		N		N		FD		N		N		N		N	
				Depth to Groundwater		5.3		5.3		5.3		7		7		7		7		3.5		3.5		5.7		5.7	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**28700**		**31000**		**28600**		**8750**		**16400**		3420		3340		**28700**				**20700**			
ANTIMONY	7440-36-0	**6**	mg/kg	**161**		< 2.4	U	< 4	U	**8.4**	**N**	< 7.45	UN	< 7.08	UN	< 7.2	UN	**18.1**	**J**			**77.4**	**J**		
ARSENIC	7440-38-2	**19**	mg/kg			13.5		**20.4**		12.5		5.6		1.5		1.4				1.3				17.6	
BARIUM	7440-39-3	**1300**	mg/kg	106		138		93.6		325		52.2		15.7		13.3		27.4				81.2			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.11	UJ	**1.2**		< 2	U	< 0.61	U	< 0.62	U	< 0.59	U	< 0.6	U	< 0.19	UJ			< 0.09	UJ		
CADMIUM	7440-43-9	**1**	mg/kg	< 0.03	UJ	< 1.2	U	< 2	U	0.92		< 0.62	U	< 0.59	U	< 0.6	U	< 0.02	UJ			< 0.02	UJ		
CALCIUM METAL	7440-70-2		mg/kg	139000		90800		176000		12200		836		685		684		47100				140000			
CHROMIUM	7440-47-3		mg/kg	18600		8590		13100		1150		17.4		6.9		6.8		5820				24100			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	19900	J	1370		649		14.2	J	< 5.17	UJ	< 4.91	UJ	< 4.9	UJ	174	J			6610	J		
COBALT	7440-48-4	**59**	mg/kg	**93.9**		**61**		**92.9**		17.7		9		< 5.9	U	< 6	U	**176**				**134**			
COPPER	7440-50-8	**7300**	mg/kg	121	J	136		45.8		114		20.3		7.1		7.8		22.5	J			31.8	J		
CYANIDE	57-12-5	**13**	mg/kg	< 1.7	U													< 1.46	U			< 1.42	U		
IRON	7439-89-6		mg/kg	60400		55700		58100		28700		20800		5690		5420		94600				66400			
IRON (FERROUS)	15438-31-0		mg/kg			< 1.3	U	< 1.5	U																
LEAD	7439-92-1	**59**	mg/kg	**1260**	**J**	**178**		**71.2**		**863**		12.9		6.5		6.5		19.6	J			**139**	**J**		
MAGNESIUM	7439-95-4		mg/kg	34900		45100		48700		4890		3080		1120		1080		58900				36500			
MANGANESE	7439-96-5	**42**	mg/kg	**882**		**599**		**863**		**401**	*	**438**	*	**97.9**	*	**82.4**	*	**731**				**743**			
MERCURY	7439-97-6	**0.1**	mg/kg	**0.26**		**0.22**		**0.26**		**0.66**		< 0.04	U	< 0.04	U	< 0.04	U	0.03				**0.21**			
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**513**		**336**		**433**		**120**		16.6		< 4.72	U	< 4.8	U	**640**				**531**			
POTASSIUM	7440-09-7		mg/kg	534		< 1200	U	< 2000	U	743		1060		504		585		264	J			279	J		
SELENIUM	7782-49-2	**7**	mg/kg	< 2.91	U	< 2.4	U	4.9		< 0.61	U	< 0.62	U	< 0.59	U	< 0.6	U	< 2.5	U			< 2.4	U		
SILVER	7440-22-4	**1**	mg/kg	< 0.09	UJ	< 2.4	U	< 4	U	< 1.23	U	< 1.24	U	< 1.18	U	< 1.2	U	< 0.08	UJ			< 0.07	UJ		
SODIUM	7440-23-5		mg/kg	881		< 1200	U	< 2000	U	201		< 124	U	< 118	U	147		3380				707			
THALLIUM	7440-28-0	**3**	mg/kg	< 0.67	U	< 2.4	U	< 4	U	< 6.14	UM	< 3.73	U	< 1.18	U	< 1.2	U	0.91				2.7			
VANADIUM	7440-62-2		mg/kg	353		368		377		93.5		25.2		10.2		9.3		616				332			
ZINC	7440-66-6	**600**	mg/kg	252	J	269		256		473		106		22.5		27.3		302	J			186	J		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	OSB-10		OSB-10		OSB-10		OSB-11		OSB-11		OSB-11		OSB-11		OSB-12		OSB-12		OSB-12		OSB-12							
			Depth interval	1 - 1.5 ft		3.1 - 3.6 ft		4.6 - 5.1 ft		0.3 - 7.5 ft		2.3 - 2.6 ft		3 - 3.3 ft		3.7 - 4 ft		1 - 1.5 ft		1 - 1.5 ft		4.2 - 4.7 ft		4.2 - 4.7 ft							
			Sample ID	OSB-10A(1-1.5)		OSB-10B(3.1-3.6)		OSB-10C(4.6-5.1)		OSB11A (0.3-0.75)		OSB11B (2.3-2.6)		OSB11C (3.0-3.3)		OSB11D (3.7-4.0)		OSB-12A(1-1.5)		OSB-12A(1-1.5)		OSB-12B(4.2-4.7)		OSB-12B(4.2-4.7)							
			Lab ID	J36229-3		J36229-4		J36229-5		804214		804215		804216		804217		J36116-5		J36116-5A		J36116-6		J36116-6A							
			Date collected	7/20/2006 10:28:00 AM		7/20/2006 11:10:00 AM		7/20/2006 11:20:00 AM		1/31/2007 1:50:00 PM		1/31/2007 2:05:00 PM		1/31/2007 2:16:00 PM		1/31/2007 2:19:00 PM		7/19/2006 2:10:00 PM		7/19/2006 2:10:00 PM		7/19/2006 3:19:00 PM		7/19/2006 3:19:00 PM							
			Sample Type	N		N		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	5.3		5.3		5.3		5.3		5.3		5.3		5.3		5.2		5.2		5.2		5.2							
			Excavated																												
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg	**14500**		**13700**		**10400**		**14500**		**8090**		**11900**		**7190**						**23300**	**J**			**24100**	**J**						
ANTIMONY	7440-36-0	**6**	mg/kg	< 2.3	UJ	< 3.5	UJ	< 2.5	UJ	< 1.3	UJ	**11**	**J**	3.3	J	4.2	J					< 2.8	UJ			< 3.1	UJ						
ARSENIC	7440-38-2	**19**	mg/kg	10		13.6		6.2		2.4		10.1		6.8		13.3						**22.1**				**20.0**							
BARIUM	7440-39-3	**1300**	mg/kg	173		82.5		68.2		128		201		446		444						98.1				91.3							
BERYLLIUM	7440-41-7	**0.5**	mg/kg	**0.63**		< 0.87	U	< 0.63	U	0.29	J	0.42	BJ	0.43		0.35						< 0.69	U			< 0.79	U						
CADMIUM	7440-43-9	**1**	mg/kg	**2.1**		**1.1**		< 0.63	U	0.13	J	**4.0**		**2.3**		0.36	J					**1.9**				**1.4**							
CALCIUM METAL	7440-70-2		mg/kg	37800		133000		5620		16000		10000		22000		10700						106000				98600							
CHROMIUM	7440-47-3		mg/kg	2470	J	5180	J	972	J	170		1050		936		819						10700	J			10200	J						
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	14.5		< 1.8	U	< 1.3	U	6.3		4.2		6.6		26.2		2780						1420									
COBALT	7440-48-4	**59**	mg/kg	**69.3**		**69.0**		8.2		23		22.9		26.5		14.3						**69.6**				**79.4**							
COPPER	7440-50-8	**7300**	mg/kg	98.8	J	22.1	J	24.6	J	113		155		99.4		319						60.5	J			57.8	J						
CYANIDE	57-12-5	**13**	mg/kg																														
IRON	7439-89-6		mg/kg	53600		42300		18100		37700		46500		35300		53300						48100	J			57800	J						
IRON (FERROUS)	15438-31-0		mg/kg																														
LEAD	7439-92-1	**59**	mg/kg	**250**		30.3		**108**		**117**	**J**	**1180**	**J**	**805**	**J**	**1300**	**J**					**104**				109							
MAGNESIUM	7439-95-4		mg/kg	27300		13800		2990		15200		5480		6530		3230						27200	J			33500	J						
MANGANESE	7439-96-5	**42**	mg/kg	**620**		**500**		**266**		**754**		**380**		**315**		**244**						**508**	**J**			**588**	**J**						
MERCURY	7439-97-6	**0.1**	mg/kg	**0.24**		< 0.059	UJ	**0.19**	**J**	**0.14**		**0.68**		**0.99**		**0.99**						**0.19**				0.10							
MOLYBDENUM	7439-98-7		mg/kg																														
NICKEL	7440-02-0	**31**	mg/kg	**244**		**200**		16.7		**53.4**		**128**		**129**		**66.7**						**309**	**J**			**352**	**J**						
POTASSIUM	7440-09-7		mg/kg	1100		< 870	U	958		323		585		571		684						< 690	UJ			881	J						
SELENIUM	7782-49-2	**7**	mg/kg	< 2.3	U	< 3.5	U	< 2.5	U	< 0.92	U	1.3		< 1	U	1.2						< 2.8	U			< 3.1	U						
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.7	U	< 1.3	U	< 0.31	U	< 0.34	U	< 0.34	U	0.42						< 1.4	U			< 1.6	U						
SODIUM	7440-23-5		mg/kg	1890		< 1700	U	< 1300	U	506	BJ	253	B	366	JF	467	JF					1850	J			2480	J						
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 1.7	U	< 1.3	U	< 1	U	< 1.1	U	< 1.1	U	< 1.2	U					< 2.8	U			< 1.6	U						
VANADIUM	7440-62-2		mg/kg	316	J	109	J	28.0	J	75.9		106		245		79.7						417	J			401	J						
ZINC	7440-66-6	**600**	mg/kg	319		76.3		101		300		**1070**		**1090**		**601**						243	J			209	J						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		OSB-13		OSB-13		OSB-13		OSB-14		OSB-14		OSB-14		OSB-15		OSB-15		OSB-15		OSB-15		OSB-16	
				Depth interval		1 - 1.5 ft		2 - 2.5 ft		4.5 - 5.5 ft		0.4 - 0.9 ft		2 - 2.5 ft		4 - 4.5 ft		1.1 - 1.6 ft		1.1 - 1.6 ft		4.3 - 4.8 ft		4.3 - 4.8 ft		0.3 - 0.8 ft	
				Sample ID		OSB-13A(1-1.5)		OSB-13B(2-2.5)		114XOSB-13C		114-OSB-14A(0.4-0.9)		114-OSB-14B(2-2.5)		114-OSB-14C(4-4.5)		OSB-15A(1.1-1.6)		OSB-15A(1.1-1.6)		OSB-15B(4.3-4.8)		OSB-15B(4.3-4.8)		114-OSB-16A(0.3-0.8)	
				Lab ID		J36229-1		J36229-2		J40924-1		J42409-12		J42409-13		J42409-14		J36116-3		J36116-3A		J36116-4		J36116-4A		J42409-23	
				Date collected		7/20/2006 9:22:00 AM		7/20/2006 9:30:00 AM		9/13/2006 8:47:00 AM		9/28/2006 5:15:00 PM		9/28/2006 5:20:00 PM		9/28/2006 5:22:00 PM		7/19/2006 11:45:00 AM		7/19/2006 11:45:00 AM		7/19/2006 1:07:00 PM		7/19/2006 1:07:00 PM		9/28/2006 8:00:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4.7		4.7		4.7		5.9		5.9		5.9		5.6		5.6		5.6		5.6		5.5	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**20200**		**28900**		**27200**	**J**	**19800**	**J**	**15100**	**J**	**22800**	**J**			**8050**	**J**			**11100**	**J**	**25900**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	< 2.4	UJ	< 5.7	UJ	< 17	UJ	< 2.2	UJ	**53.5**	**J**	**120**	**J**			< 2.1	UJ			2.5	J	< 30	UJ
ARSENIC	7440-38-2	**19**	mg/kg	17.3		10.8		**37.1**		< 2.2	U	< 3.1	U	6.3				< 2.1	U			8.1		< 30	UM
BARIUM	7440-39-3	**1300**	mg/kg	228		< 29	U	< 170	U	130		112		284				40.5				85.2		48.0	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.59	U	< 0.71	U	< 4.2	U	< 0.56	U	< 0.78	U	< 0.73	U			< 0.53	U			< 0.61	U	< 0.75	U
CADMIUM	7440-43-9	**1**	mg/kg	**2.3**		1.0		< 4.2	U	**1.6**		**27.4**		**2.7**				< 0.53	U			0.85		**2.2**	
CALCIUM METAL	7440-70-2		mg/kg	73900		18900		203000		42200	J	33600	J	34900	J			3020				31600		356000	J
CHROMIUM	7440-47-3		mg/kg	5140	J	3130	J	20500		2380	J	6780	J	8020	J			49.1	J			2230	J	42200	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	35.9		54.6		5920	J	399		214		201		1.4				< 1.2	U			31500	
COBALT	7440-48-4	**59**	mg/kg	**66.6**		**194**		**126**		34.1	J	**69.6**	**J**	43.8	J			9.8				27.0		**140**	**J**
COPPER	7440-50-8	**7300**	mg/kg	170	J	39.1	J	< 21	U	88.4		186		460				16.6	J			72.9	J	10.4	
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	63200		148000		47000		43800	J	109000	J	51800	J			19600	J			31200	J	50600	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**344**		16.7		< 17	U	38.4		**465**		**1140**				8.4				**227**		< 30	U
MAGNESIUM	7439-95-4		mg/kg	28800		54200		31300		17200	J	22900	J	18800	J			5610	J			10900	J	32600	J
MANGANESE	7439-96-5	**42**	mg/kg	**731**		**494**		**894**		**585**	**J**	**708**	**J**	**468**	**J**			**102**	**J**			**546**	**J**	**893**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	**0.49**	**J**	**0.22**	**J**	< 0.050	UJ	0.060		**0.61**		**0.61**				< 0.035	U			**0.32**		< 0.045	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**290**		**704**		**517**	**J**	**93.9**	**J**	**321**	**J**	**220**	**J**			16.9	J			**99.4**	**J**	**541**	**J**
POTASSIUM	7440-09-7		mg/kg	< 590	U	< 710	U	< 4200	U	914		< 780	U	< 730	U			2290	J			1230	J	< 750	U
SELENIUM	7782-49-2	**7**	mg/kg	< 2.4	U	2.9		< 17	U	< 2.2	U	< 3.1	U	< 2.9	U			< 2.1	U			< 2.4	U	< 30	U
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.4	U	< 8.4	U	< 1.1	U	< 1.6	U	**2.4**				< 1.1	U			< 1.2	U	< 1.5	U
SODIUM	7440-23-5		mg/kg	1390		11100		< 8400	U	< 1100	U	< 1600	U	< 1500	U			< 530	UJ			1220	J	3700	
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 2.9	U	< 8.4	UM	< 1.1	U	< 1.6	U	< 1.5	U			< 1.1	U			< 1.2	U	< 15	UM
VANADIUM	7440-62-2		mg/kg	337	J	324	J	399	J	120		877		935				35.0	J			130	J	259	
ZINC	7440-66-6	**600**	mg/kg	547		306		150		76.8	J	**1670**	**J**	476	J			32.9	J			239	J	145	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		OSB-16		OSB-17		OSB-17		OSB-17		OSB-17		OSB-18		OSB-18		OSB-19		OSB-19		OSB-20		OSB-20	
				Depth interval		3.5 - 4 ft		0.9 - 1.4 ft		0.9 - 1.4 ft		4.2 - 4.7 ft		4.2 - 4.7 ft		0.4 - 0.9 ft		4 - 4.5 ft		0.9 - 1.4 ft		0.9 - 1.4 ft		0.4 - 1 ft		1 - 1.5 ft	
				Sample ID		114-OSB-16B(3.5-4)		OSB-17A(0.9-1.4)		OSB-17A(0.9-1.4)		OSB-17B(4.2-4.7)		OSB-17B(4.2-4.7)		114-OSB-18A(0.4-0.9)		114-OSB-18B(4-4.5)		OSB-19A(0.9-1.4)		OSB-19A(0.9-1.4)		114-OSB-20A(0.4-1.0)		114-OSB-20B(1.0-1.5)	
				Lab ID		J42409-24		J36116-1		J36116-1A		J36116-2		J36116-2A		J42409-32		J42409-33		J35981-6		J35981-6A		J42409-1		J42409-2	
				Date collected		9/28/2006 8:05:00 PM		7/19/2006 9:45:00 AM		7/19/2006 9:45:00 AM		7/19/2006 10:25:00 AM		7/19/2006 10:25:00 AM		9/28/2006 9:10:00 PM		9/28/2006 9:12:00 PM		7/18/2006 2:00:00 PM		7/18/2006 2:00:00 PM		9/28/2006 2:55:00 PM		9/28/2006 3:00:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.5		5.5		5.5		5.5		5.5		5.4		5.4		5.6		5.6		5.7		5.7	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**18500**	**J**			**9700**	**J**			**6380**	**J**	**31300**	**J**	**27400**	**J**			**38700**	**J**	**28900**		**32000**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	**13.5**	**J**			< 2.2	UJ			< 2.7	UJ	< 29	UJ	< 30	UJ			< 5.0	UJ	< 5.1	UJ	< 31	UJ
ARSENIC	7440-38-2	**19**	mg/kg	< 3.2	U			2.6				15.3		< 29	UM	< 30	UM			**21.7**		< 5.1	U	< 31	UM
BARIUM	7440-39-3	**1300**	mg/kg	288				51.7				453		79.3		64.0				108		41.5		50.2	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	**2.8**				< 0.54	U			< 0.68	U	**1.3**		< 0.75	U			**0.83**		< 0.64	U	< 0.77	U
CADMIUM	7440-43-9	**1**	mg/kg	**2.0**				< 0.54	U			**4.7**		**2.9**		**2.4**				**3.9**		**2.8**		**2.3**	
CALCIUM METAL	7440-70-2		mg/kg	60800	J			7960				30300		272000	J	299000	J			103000		137000		351000	J
CHROMIUM	7440-47-3		mg/kg	2050	J			119	J			1370	J	32400	J	45400	J			9300		8970	J	46900	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	1180		2.6				2.7				19100		23900		1920	J			1300		27500	
COBALT	7440-48-4	**59**	mg/kg	17.2	J			10.0				13.0		**118**	**J**	**119**	**J**			**141**		**152**	**J**	**144**	**J**
COPPER	7440-50-8	**7300**	mg/kg	45.2				46.9	J			378	J	26.5		12.2				84.0	J	44.2		9.4	
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	38100	J			20200	J			30300	J	60600	J	51100	J			119000		124000		62100	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	< 3.2	U			48.3				**862**		< 29	U	< 30	U			**62.7**	**J**	34.5		< 31	U
MAGNESIUM	7439-95-4		mg/kg	1720	J			4750	J			3660	J	34800	J	30900	J			62600		77100		39600	J
MANGANESE	7439-96-5	**42**	mg/kg	**64.8**	**J**			**211**	**J**			**1420**	**J**	**802**	**J**	**952**	**J**			**1190**	**J**	**1120**		**1190**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.047	U			0.091				**0.32**		< 0.044	U	< 0.046	U			0.081	J	< 0.041	U	< 0.048	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**41.2**	**J**			22.3	J			**62.0**	**J**	**474**	**J**	**490**	**J**			**478**		**637**		**608**	**J**
POTASSIUM	7440-09-7		mg/kg	940				1340	J			1110	J	< 720	U	< 750	U			< 620	U	< 640	U	< 770	U
SELENIUM	7782-49-2	**7**	mg/kg	< 3.2	U			< 2.2	U			< 2.7	U	< 2.9	U	< 30	U			< 5.0	U	< 2.6	U	< 31	U
SILVER	7440-22-4	**1**	mg/kg	< 1.6	U			< 1.1	U			< 1.4	U	< 1.4	U	< 1.5	U			< 1.2	U	< 1.3	U	< 1.5	U
SODIUM	7440-23-5		mg/kg	1960				883	J			941	J	3780		8560				2670		< 1300	U	< 1500	U
THALLIUM	7440-28-0	**3**	mg/kg	< 1.6	U			< 1.1	U			< 2.7	U	< 14	UM	< 15	UM			< 2.5	U	< 2.6	U	< 15	UM
VANADIUM	7440-62-2		mg/kg	28.2				50.0	J			90.9	J	318		223				826		686		285	
ZINC	7440-66-6	**600**	mg/kg	38.6	J			84.3	J			**2080**	**J**	187	J	125	J			344	J	366	J	165	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		OSB-20		OSB-20		OSB-21		OSB-21		OSB-21		OSB-21		OSB-22		OSB-22		OSB-22		OSB-22	
				Depth interval		1 - 1.5 ft		5 - 5.5 ft		1.15 - 1.65 ft		1.15 - 1.65 ft		2.7 - 3.2 ft		2.7 - 3.2 ft		1.05 - 1.55 ft		1.05 - 1.55 ft		1.05 - 1.55 ft		4 - 4.5 ft		4 - 4.5 ft	
				Sample ID		114-OSB-20BD(1.0-1.5)		114-OSB-20C(5.0-5.5)		OSB-21A(1.15-1.65)		OSB-21A(1.15-1.65)		OSB-21B(2.7-3.2)		OSB-21B(2.7-3.2)		OSB-22A(1.05-1.55)		OSB-22A(1.05-1.55)		OSB-22A(1.05-1.55)		OSB-22B(4.0-4.5)		OSB-22B(4.0-4.5)	
				Lab ID		J42409-4		J42409-3		J35981-1		J35981-1A		J35981-2		J35981-2A		J35981-3		J35981-3A		J35981-3T		J35981-4		J35981-4A	
				Date collected		9/28/2006 3:05:00 PM		9/28/2006 3:07:00 PM		7/18/2006 12:15:00 PM		7/18/2006 12:15:00 PM		7/18/2006 12:33:00 PM		7/18/2006 12:33:00 PM		7/18/2006 9:54:00 AM		7/18/2006 9:54:00 AM		7/18/2006 9:54:00 AM		7/18/2006 10:05:00 AM		7/18/2006 10:05:00 AM	
				Sample Type		FD		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.7		5.7		5.8		5.8		5.8		5.8		5.6		5.6		5.6		5.6		5.6	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**32400**	**J**	**26800**	**J**			**8740**	**J**			**7340**	**J**			**10400**	**J**							**12800**	**J**
ANTIMONY	7440-36-0	**6**	mg/kg	< 30	UJ	< 33	UJM			**18.6**	**J**			5.2	J			< 2.2	UJ							< 3.1	UJ
ARSENIC	7440-38-2	**19**	mg/kg	< 30	UM	< 33	UM			**25.2**				18.5				6.0								**20.1**	
BARIUM	7440-39-3	**1300**	mg/kg	45.4		39.0				418				479				116								1080	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.74	U	< 0.83	U			< 0.58	U			**5.7**				**0.79**								**1.4**	
CADMIUM	7440-43-9	**1**	mg/kg	**2.2**		**2.0**				**30.6**				**6.6**				**2.1**								**1.9**	
CALCIUM METAL	7440-70-2		mg/kg	330000	J	343000	J			14900				12300				41700								7660	
CHROMIUM	7440-47-3		mg/kg	48300	J	37900	J			1140				977				834								3800	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	24700		7400		17.8	J			4.2	J			8.7	J							9.3	J		
COBALT	7440-48-4	**59**	mg/kg	**146**	**J**	**163**	**J**			15.3				10.6				22.0								11.5	
COPPER	7440-50-8	**7300**	mg/kg	9.1		12.7				6120	J			725	J			124	J							143	J
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	62900	J	51100	J			34200				26100				29200								29200	
IRON (FERROUS)	15438-31-0		mg/kg																	14000							
LEAD	7439-92-1	**59**	mg/kg	< 30	U	< 33	U			**1320**	**J**			**894**	**J**			**189**	**J**							**487**	**J**
MAGNESIUM	7439-95-4		mg/kg	40000	J	31800	J			4610				2950				17400								1340	
MANGANESE	7439-96-5	**42**	mg/kg	**1180**	**J**	**1240**	**J**			**16000**	**J**			**3250**	**J**			**462**	**J**							**444**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.051	U	< 0.052	U			**2.0**	**J**			**1.4**	**J**			**0.66**	**J**							**0.33**	**J**
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**609**	**J**	**545**	**J**			**53.7**				**35.3**				**72.7**								30.1	
POTASSIUM	7440-09-7		mg/kg	< 740	U	< 830	U			1180				1140				789								2220	
SELENIUM	7782-49-2	**7**	mg/kg	< 30	U	< 33	U			< 2.3	U			< 3.0	U			< 2.2	U							3.2	
SILVER	7440-22-4	**1**	mg/kg	< 1.5	U	< 1.7	U			< 12	U			< 1.5	U			< 1.1	U							< 1.5	U
SODIUM	7440-23-5		mg/kg	< 1500	U	5540				1510				< 1500	U			1200								1860	
THALLIUM	7440-28-0	**3**	mg/kg	< 15	UM	< 17	UM			< 5.8	UM			< 1.5	U			< 1.1	U							< 1.5	U
VANADIUM	7440-62-2		mg/kg	274		262				60.4				44.2				122								44.8	
ZINC	7440-66-6	**600**	mg/kg	167	J	124	J			**9050**	**J**			**1850**	**J**			245	J							591	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	OSB-22		OSB-22		OSB-23		OSB-23		OSB-24		OSB-24		OSB-25		OSB-25		OSB-26		OSB-26		OSB-26			
			Depth interval	4 - 4.5 ft		4 - 4.5 ft		0.5 - 1 ft		1.7 - 2.2 ft		0.5 - 1 ft		4.5 - 5 ft		0.5 - 1 ft		0.5 - 1 ft		0.2 - 0.7 ft		0.2 - 0.7 ft		2 - 2.4 ft			
			Sample ID	OSB-22BD(4.0-4.5)		OSB-22BD(4.0-4.5)		OSB-23A(0.5-1)		OSB-23B(1.7-2.2)		OSB-24A(0.5-1.0)		OSB-24B(4.5-5.0)		OSB-25A(0.5-1.0)		OSB-25A(0.5-1.0)		OSB-26A (0.2-0.7)		OSB-26A (0.2-0.7)		OSB-26B (2.0-2.4)			
			Lab ID	J35981-5		J35981-5A		J36229-7		J36229-6		J36493-5		J36493-6		J36493-1		J36493-1T		J35320-1		J35320-1A		J35320-2			
			Date collected	7/18/2006 10:10:00 AM		7/18/2006 10:10:00 AM		7/20/2006 1:20:00 PM		7/20/2006 1:35:00 PM		7/24/2006 1:25:00 PM		7/24/2006 1:55:00 PM		7/24/2006 8:30:00 AM		7/24/2006 8:30:00 AM		7/11/2006 10:05:00 AM		7/11/2006 10:05:00 AM		7/11/2006 10:45:00 AM			
			Sample Type	FD		FD		N		N		N		N		N		N		N		N		N			
			Depth to Groundwater	5.6		5.6		6.1		6.1		4.8		4.8		4.5		4.5		5		5		5			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg			**15700**	**J**	**10000**		**19600**		**6270**		**7190**		**5230**								**18200**	**J**		
ANTIMONY	7440-36-0	**6**	mg/kg			< 3.3	UJ	< 2.2	UJ	< 11	UJ	< 2.2	UJ	< 2.8	UJ	< 2.5	UJ							< 2.3	UJ		
ARSENIC	7440-38-2	**19**	mg/kg			**31.6**		9.1		**32.2**		10.1		8.9		14.8								9.0	J		
BARIUM	7440-39-3	**1300**	mg/kg			1080		78.8		274		123		130		74.3								39.9	J		
BERYLLIUM	7440-41-7	**0.5**	mg/kg			**1.7**		< 0.55	U	< 2.7	U	**1.7**		< 0.71	U	< 0.62	U							< 0.59	UJ		
CADMIUM	7440-43-9	**1**	mg/kg			**2.3**		0.57		**3.5**		**3.4**		**2.4**		**4.5**								< 0.59	UJ		
CALCIUM METAL	7440-70-2		mg/kg			10300		2290		92900		8970		3120		23600								51600			
CHROMIUM	7440-47-3		mg/kg			2890		89.3	J	1980	J	795	J	73.4	J	151	J							4730			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	12.5	J			1.3		15.2										463	J			637	J		
COBALT	7440-48-4	**59**	mg/kg			13.7		7.5		30.5		19.6		10.1		8.1								42.9	J		
COPPER	7440-50-8	**7300**	mg/kg			575	J	42.9	J	108	J	147		76.5		3820								29.7			
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg			32300		16400		32900		33100	J	38300	J	19000	J							34500			
IRON (FERROUS)	15438-31-0		mg/kg															2900									
LEAD	7439-92-1	**59**	mg/kg			**312**	**J**	**95.5**		**392**		**364**		**231**		**881**								21.1	J		
MAGNESIUM	7439-95-4		mg/kg			1510		2670		12200		4350		1860		10800								38100			
MANGANESE	7439-96-5	**42**	mg/kg			**561**	**J**	**475**		**806**		**1160**	**J**	**392**	**J**	**463**	**J**							**371**			
MERCURY	7439-97-6	**0.1**	mg/kg			**0.16**	**J**	**0.20**	**J**	**1.1**	**J**	**0.63**		**0.12**		**0.18**								< 0.036	UJ		
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg			**33.3**		15.2		**102**		**62.0**		22.7		**35.0**								**241**	**J**		
POTASSIUM	7440-09-7		mg/kg			2390		855		< 2700	U	562		1140		641								661	J		
SELENIUM	7782-49-2	**7**	mg/kg			< 3.3	U	< 2.2	U	< 11	U	< 2.2	U	< 2.8	U	3.5								< 2.3	UJ		
SILVER	7440-22-4	**1**	mg/kg			< 1.6	U	< 1.1	U	< 5.3	U	< 1.1	U	< 1.4	U	< 1.2	U							< 1.2	U		
SODIUM	7440-23-5		mg/kg			2290		< 1100	U	< 5300	U	< 1100	U	< 1400	U	< 1200	U							616	J		
THALLIUM	7440-28-0	**3**	mg/kg			< 1.6	U	< 1.1	U	< 5.3	UM	< 1.1	U	< 1.4	U	< 1.2	U							< 1.2	UJ		
VANADIUM	7440-62-2		mg/kg			47.8		27.1	J	221	J	115		24.9		93.2								241			
ZINC	7440-66-6	**600**	mg/kg			**742**	**J**	358		284		383		282		**1410**								107	J		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	OSB-26		OSB-27		OSB-27		OSB-27		OSB-27		OSB-27		OSB-27		OSB-28		OSB-28		OSB-28		OSB-28	
			Depth interval	2 - 2.4 ft		0.6 - 1.1 ft		0.6 - 1.1 ft		0.6 - 1.1 ft		0.6 - 1.1 ft		2 - 2.4 ft		2 - 2.4 ft		0.7 - 1.1 ft		0.7 - 1.1 ft		1.9 - 2.4 ft		1.9 - 2.4 ft	
			Sample ID	OSB-26B (2.0-2.4)		OSB-27A (0.6-1.1)		OSB-27A (0.6-1.1)		OSB-27AD (0.6-1.1)		OSB-27AD (0.6-1.1)		OSB-27B (2-2.4)		OSB-27B (2-2.4)		OSB-28A (0.7-1.1)		OSB-28A (0.7-1.1)		OSB-28B (1.9-2.4)		OSB-28B (1.9-2.4)	
			Lab ID	J35320-2A		J35320-3		J35320-3A		J35320-8		J35320-8A		J35320-4		J35320-4A		J35428-1A		J35428-1R		J35428-2A		J35428-2R	
			Date collected	7/11/2006 10:45:00 AM		7/11/2006 12:45:00 PM		7/11/2006 12:45:00 PM		7/11/2006 12:45:00 PM		7/11/2006 12:45:00 PM		7/11/2006 1:00:00 PM		7/11/2006 1:00:00 PM		7/12/2006 9:38:00 AM		7/12/2006 9:38:00 AM		7/12/2006 9:45:00 AM		7/12/2006 9:45:00 AM	
			Sample Type	N		N		N		FD		FD		N		N		N		N		N		N	
			Depth to Groundwater	5		5.8		5.8		5.8		5.8		5.8		5.8		5.5		5.5		5.5		5.5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**17400**	**J**			**16300**	**J**			**16000**	**J**			**18000**	**J**	**13900**				**18200**			
ANTIMONY	7440-36-0	**6**	mg/kg	< 2.9	UJ			< 2.3	UJ			< 2.3	UJ			< 2.8	UJ	< 2.2	UJ			3.5	J		
ARSENIC	7440-38-2	**19**	mg/kg	7.4	J			8.4	J			11.5	J			6.8	J	3.4				18.6			
BARIUM	7440-39-3	**1300**	mg/kg	< 29	UJ			54.9	J			50.6	J			< 28	UJ	66.0				124			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.72	UJ			< 0.57	UJ			< 0.58	UJ			< 0.70	UJ	< 0.56	U			< 0.67	U		
CADMIUM	7440-43-9	**1**	mg/kg	< 0.72	UJ			0.61	J			< 0.58	UJ			< 0.70	UJ	< 0.56	U			< 0.67	U		
CALCIUM METAL	7440-70-2		mg/kg	41100				41600				43300				45200		10400				52400			
CHROMIUM	7440-47-3		mg/kg	4340				3070				3300				4180		407	J			4660	J		
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			59.1	J			81.7	J			211	J					18.4	J			42.2	J
COBALT	7440-48-4	**59**	mg/kg	**180**	**J**			**74.2**	**J**			**84.5**	**J**			**160**	**J**	18.5				**112**			
COPPER	7440-50-8	**7300**	mg/kg	30.2				54.1				68.9				39.4		113	J			87.1	J		
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	119000				53400				59700				103000		31300				80700			
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	31.3	J			53.0	J			53.6	J			14.7	J	34.3	J			**173**	**J**		
MAGNESIUM	7439-95-4		mg/kg	61000				31500				35000				54700		6170				31700			
MANGANESE	7439-96-5	**42**	mg/kg	**651**				**471**				**478**				**597**		**317**				**598**			
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.046	UJ			**1.5**	**J**			**0.60**	**J**			< 0.043	UJ	0.081	J			**0.21**	**J**		
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**695**	**J**			**277**	**J**			**317**	**J**			**652**	**J**	**32.3**	**J**			**397**	**J**		
POTASSIUM	7440-09-7		mg/kg	< 720	UJ			< 570	UJ			< 580	UJ			< 700	UJ	2210	J			< 670	UJ		
SELENIUM	7782-49-2	**7**	mg/kg	< 2.9	UJ			< 2.3	UJ			< 2.3	UJ			< 2.8	UJ	< 2.2	U			< 2.7	U		
SILVER	7440-22-4	**1**	mg/kg	< 1.4	U			< 1.1	U			< 1.2	U			< 1.4	U	< 1.1	U			< 1.3	U		
SODIUM	7440-23-5		mg/kg	1320	J			806	J			704	J			1010	J	1270	J			846	J		
THALLIUM	7440-28-0	**3**	mg/kg	< 1.4	UJ			< 1.1	UJ			< 1.2	UJ			< 1.4	UJ	< 1.1	U			< 1.3	U		
VANADIUM	7440-62-2		mg/kg	656				494				572				581		102	J			741	J		
ZINC	7440-66-6	**600**	mg/kg	329	J			227	J			210	J			270	J	142	J			425	J		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location				OSB-28				OSB-28		OSB-29		OSB-29		OSB-29		OSB-29		OSB-29		OSB-8		OSB-8		OSB-8		OSB-9	
				Depth interval				3.5 - 4 ft				3.5 - 4 ft		0.6 - 1 ft		0.6 - 1 ft		0.6 - 1 ft		2.5 - 3 ft		2.5 - 3 ft		0.9 - 1.4 ft		4.5 - 5 ft		4.5 - 5 ft		1 - 1.5 ft	
				Sample ID				OSB-28C (3.5-4)				OSB-28C (3.5-4)		OSB-29A (0.6-1)		OSB-29A (0.6-1)		OSB-29A (0.6-1)		OSB-29B (2.5-3)		OSB-29B (2.5-3)		OSB-8A(0.9-1.4)		OSB-8B(4.5-5)		OSB-8BD(4.5-5)		OSB-9A(1-1.5)	
				Lab ID				J35428-3A				J35428-3R		J35428-4A		J35428-4R		J35428-4T		J35428-5A		J35428-5R		J36325-1		J36325-2		J36325-3		J36325-4	
				Date collected				7/12/2006 10:36:00 AM				7/12/2006 10:36:00 AM		7/12/2006 11:40:00 AM		7/12/2006 11:40:00 AM		7/12/2006 11:40:00 AM		7/12/2006 1:00:00 PM		7/12/2006 1:00:00 PM		7/21/2006 8:30:00 AM		7/21/2006 1:56:00 PM		7/21/2006 2:00:00 PM		7/21/2006 3:00:00 PM	
				Sample Type				N				N		N		N		N		N		N		N		N		FD		N	
				Depth to Groundwater				5.5				5.5		4.7		4.7		4.7		4.7		4.7		5.5		5.5		5.5		5.2	
				Excavated																											
Analyte	CAS-RN	DIGWSSL	Units	R		Q		R		Q		R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	1710										**14700**						1290				**8730**		**8890**		**10600**		**3980**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 3.0		UJ								< 2.1	UJ					< 2.4	UJ			< 2.1	UJ	< 2.4	UJ	< 2.3	UJ	< 2.2	UJ
ARSENIC	7440-38-2	**19**	mg/kg	6.4										4.7						4.5				2.3		8.5		7.1		11.1	
BARIUM	7440-39-3	**1300**	mg/kg	43.6										69.2						33.8				34.1		58.9		95.9		113	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.75		U								< 0.52	U					< 0.61	U			< 0.52	U	< 0.61	U	< 0.58	U	< 0.54	U
CADMIUM	7440-43-9	**1**	mg/kg	< 0.75		U								< 0.52	U					< 0.61	U			< 0.52	U	**1.2**		**1.4**		0.82	
CALCIUM METAL	7440-70-2		mg/kg	1500										10600						1110				7780	J	3440	J	1810	J	11700	J
CHROMIUM	7440-47-3		mg/kg	581		J								745	J					190	J			25.8	J	19.9	J	18.6	J	710	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg					95.6	J							5.3	J					19.7	J	< 1.0	U	< 1.2	U	< 1.2	U	2.9	
COBALT	7440-48-4	**59**	mg/kg	< 7.5		U								19.4						< 6.1	U			10.6		6.6		7.6		13.5	
COPPER	7440-50-8	**7300**	mg/kg	20.9		J								129	J					26.5	J			46.3		20.6		26.3		67.5	
CYANIDE	57-12-5	**13**	mg/kg																												
IRON	7439-89-6		mg/kg	14400										37000						13400				21000		23000		24500		17000	
IRON (FERROUS)	15438-31-0		mg/kg															26000													
LEAD	7439-92-1	**59**	mg/kg	8.0		J								**64.9**	**J**					26.5	J			12.5		**99.3**		**133**		**596**	
MAGNESIUM	7439-95-4		mg/kg	< 750		U								6250						< 610	U			5200		2090		2220		3830	
MANGANESE	7439-96-5	**42**	mg/kg	15.5		JF								**374**						32.5				**272**		**366**		**361**		**188**	
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.049		UJ								**0.39**	**J**					< 0.038	UJ			< 0.033	UJ	**2.3**	**J**	**1.3**	**J**	**1.3**	**J**
MOLYBDENUM	7439-98-7		mg/kg																												
NICKEL	7440-02-0	**31**	mg/kg	13.0		J								26.6	J					9.9	J			18.9		11.7		11.7		**46.8**	
POTASSIUM	7440-09-7		mg/kg	< 750		UJ								2380	J					678	J			584		705		794		< 540	U
SELENIUM	7782-49-2	**7**	mg/kg	< 3.0		U								< 2.1	U					< 2.4	U			< 2.1	U	< 2.4	U	< 2.3	U	< 2.2	U
SILVER	7440-22-4	**1**	mg/kg	< 1.5		U								< 1.0	U					< 1.2	U			< 1.0	U	< 1.2	U	< 1.2	U	< 1.1	U
SODIUM	7440-23-5		mg/kg	< 750		UJ								1390	J					< 610	UJ			1340		< 1200	U	< 1200	U	< 1100	U
THALLIUM	7440-28-0	**3**	mg/kg	< 1.5		U								< 1.0	U					< 1.2	U			< 1.0	U	< 1.2	U	< 1.2	U	< 1.1	U
VANADIUM	7440-62-2		mg/kg	14.5		J								136	J					17.0	J			56.8	J	23.2	J	23.5	J	69.5	J
ZINC	7440-66-6	**600**	mg/kg	15.8		J								181	J					11.7	J			45.5		**716**		**1080**		158	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		Location		Location		Location		Location		Location		Location		Location		Location		Location	
				Depth interval		Depth interval		Depth interval		Depth interval		Depth interval		Depth interval		Depth interval		Depth interval		Depth interval		Depth interval	
				Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID	
				Lab ID		Lab ID		Lab ID		Lab ID		Lab ID		Lab ID		Lab ID		Lab ID		Lab ID		Lab ID	
				Date collected		Date collected		Date collected		Date collected		Date collected		Date collected		Date collected		Date collected		Date collected		Date collected	
				Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type	
				Depth to Groundwater		Depth to Groundwater		Depth to Groundwater		Depth to Groundwater		Depth to Groundwater		Depth to Groundwater		Depth to Groundwater		Depth to Groundwater		Depth to Groundwater		Depth to Groundwater	
				Excavated		Excavated		Excavated		Excavated		Excavated		Excavated		Excavated		Excavated		Excavated		Excavated	
Analyte	CAS-RN	DIGWSSL	Units	OSB-9 2.3 - 2.8 ft OSB-9B(2.3-2.8) J36325-5 7/21/2006 10:25:00 AM N 5.2		OSB-9 5 - 6.3 ft 114-XOSB9C(5-6.3) J41625-1 9/20/2006 8:35:00 AM N 5.2		OSB-9 5 - 6.3 ft 114-XOSB9CD(5-6.3) J41625-3 9/20/2006 8:40:00 AM FD 5.2		PSEG-SB39 0.7 - 1.2 ft PSEG-SB39A(0.7-1.2) J46996-13 11/20/2006 2:10:00 PM N 5.9		PSEG-SB39 5 - 5.5 ft PSEG-SB39B(5.0-5.5) J46996-14 11/20/2006 2:32:00 PM N 5.9		PSEG-SB40 0.5 - 1 ft PSEG-SB40A(0.5-1.0) J47112-2 11/21/2006 11:30:00 AM N 5.5		PSEG-SB40 0.5 - 1 ft PSEG-SB40A(0.5-1.0) J47112-2R 11/21/2006 11:30:00 AM N 5.5		PSEG-SB40 0.5 - 1 ft PSEG-SB40A(0.5-1.0) J47112-2T 11/21/2006 11:30:00 AM N 5.5		PSEG-SB40 1.5 - 2 ft PSEG-SB40B(1.5-2.0) J47112-3 11/21/2006 11:35:00 AM N 5.5		PSEG-SB40 1.5 - 2 ft PSEG-SB40B(1.5-2.0) J47112-3R 11/21/2006 11:35:00 AM N 5.5		PSEG-SB40 1.5 - 2 ft PSEG-SB40BD(1.5-2.0) J47112-4 11/21/2006 11:40:00 AM FD 5.5	
				R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**9260**		**7490**		**7430**		**21700**	J	**23600**	J														
ANTIMONY	7440-36-0	**6**	mg/kg	< 2.2	UJ	**6.1**	J	< 2.3	UJ	**9**	J	< 16	UJ														
ARSENIC	7440-38-2	**19**	mg/kg	5.9		4.0		2.7		16.3		**58.3**		10.4								5.6				5.2	
BARIUM	7440-39-3	**1300**	mg/kg	60.4		62.3		52.8		157		< 160	U	98.8								55.0				52.5	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.56	U	< 0.57	U	< 0.58	U	< 0.65	U	< 4.1	U														
CADMIUM	7440-43-9	**1**	mg/kg	**1.2**		< 0.57	U	< 0.58	U	**1.2**		< 4.1	U														
CALCIUM METAL	7440-70-2		mg/kg	2550	J	2920	J	2200	J	82600		317000															
CHROMIUM	7440-47-3		mg/kg	106	J	15.2		14.0		8480	J	39200	J														
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 1.1	U	< 1.2	UJ	< 1.2	UJ	3460	J	21200	J					14.3	J					4.5	J		
COBALT	7440-48-4	**59**	mg/kg	7.4		5.8		< 5.8	U	54.4		**121**															
COPPER	7440-50-8	**7300**	mg/kg	28.0		22.9		13.5		77		< 21	U														
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	16700		13000	J	12000	J	42700		41300															
IRON (FERROUS)	15438-31-0		mg/kg																			8700					
LEAD	7439-92-1	**59**	mg/kg	**156**		**768**	J	50.2	J	**67**		< 16	U	**147**								**103**				**170**	
MAGNESIUM	7439-95-4		mg/kg	3170		2860	J	2500	J	21000		29000															
MANGANESE	7439-96-5	**42**	mg/kg	**256**		**236**	J	**203**	J	**637**		**828**															
MERCURY	7439-97-6	**0.1**	mg/kg	**0.27**	J	**0.23**	J	**0.37**	J	**0.11**		< 0.053	U														
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	14.9		10.5		9.3		**196**		**493**															
POTASSIUM	7440-09-7		mg/kg	933		971	J	899	J	< 650	UJ	< 4100	UJ														
SELENIUM	7782-49-2	**7**	mg/kg	< 2.2	U	< 2.3	UJ	< 2.3	UJ	< 5.2	U	< 16	U														
SILVER	7440-22-4	**1**	mg/kg	< 1.1	U	< 1.1	U	< 1.2	U	< 1.3	U	< 8.2	U														
SODIUM	7440-23-5		mg/kg	< 1100	U	< 1100	U	< 1200	U	< 1300	UJ	< 8200	UJ														
THALLIUM	7440-28-0	**3**	mg/kg	< 1.1	U	< 1.1	U	< 1.2	U	< 2.6	U	< 8.2	UM														
VANADIUM	7440-62-2		mg/kg	30.4	J	20.9		21.0		266		432															
ZINC	7440-66-6	**600**	mg/kg	350		95.2	J	56.8	J	186		104															

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	PSEG-SB40		PSEG-SB43		PSEG-SB45		PSEG-SB45		PSEG-SB45		PSEG-SB45		PSEG-SB45		PSEG-SB45		PSEG-SB46		PSEG-SB46		PSEG-SB46					
			Depth interval	1.5 - 2 ft		4 - 4.5 ft		0 - 0.5 ft		0 - 0.5 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		4 - 5 ft					
			Sample ID	PSEG-SB40BD(1.5-2.0)		SB43A_4-4.5		PSEG-SB45A(0.0-0.5)		PSEG-SB45A(0.0-0.5)		PSEG-SB45B(1.5-2.0)		PSEG-SB45B(1.5-2.0)		PSEG-SB45BD(1.5-2.0)		PSEG-SB45BD(1.5-2.0)		PSEG-SB46A(1.5-2.0)		PSEG-SB46A(1.5-2.0)R		PSEG-SB46B(4.0-5.0)					
			Lab ID	J47112-4R		785966		J47851-1		J47851-1R		J47851-2		J47851-2R		J47851-3		J47851-3R		J47741-1		J47741-1R		J47741-2					
			Date collected	11/21/2006 11:40:00 AM		11/17/2006		12/1/2006 10:10:00 AM		12/1/2006 10:10:00 AM		12/1/2006 10:20:00 AM		12/1/2006 10:20:00 AM		12/1/2006 10:20:00 AM		12/1/2006 10:20:00 AM		11/30/2006 2:30:00 PM		11/30/2006 2:30:00 PM		11/30/2006 2:45:00 PM					
			Sample Type	FD		N		N		N		N		N		FD		FD		N		N		N					
			Depth to Groundwater	5.5		5.4		4.6		4.6		4.6		4.6		4.6		4.6		4.3		4.3		4.3					
			Excavated																										
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q				
ALUMINUM	7429-90-5	**3900**	mg/kg			**13900**		**5730**				**4320**				**5560**				**14200**				**4180**					
ANTIMONY	7440-36-0	**6**	mg/kg			< 2	UJ	2.4	J			< 2.3	UJ			< 2.2	UJ			< 2.3	UJ			< 3.1	UJ				
ARSENIC	7440-38-2	**19**	mg/kg			2.7		**39.7**				13.0				13.5				10.1				**31.3**					
BARIUM	7440-39-3	**1300**	mg/kg			260		94.5				55.4				62.9				75.4				61.2					
BERYLLIUM	7440-41-7	**0.5**	mg/kg			**1.2**		< 0.56	U			< 0.59	U			< 0.56	U			< 0.57	U			< 0.77	U				
CADMIUM	7440-43-9	**1**	mg/kg			< 0.14	U	**1.1**				0.76				0.86				**1.2**				**2.7**					
CALCIUM METAL	7440-70-2		mg/kg			56800		14900	J			4390	J			4040	J			40600				4570					
CHROMIUM	7440-47-3		mg/kg			1160		441				137				170				3260				529					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	6.7	J	81.8	J			7.2	J			3.1	J			3.5	J			38	J						
COBALT	7440-48-4	**59**	mg/kg			12.5		12.5				9.2				9.9				51.7				20.4					
COPPER	7440-50-8	**7300**	mg/kg			45.8		130				89.5				85.4				51.4	J			381	J				
CYANIDE	57-12-5	**13**	mg/kg																										
IRON	7439-89-6		mg/kg			10400		35500	J			26000	J			20200	J			43400	J			115000	J				
IRON (FERROUS)	15438-31-0		mg/kg																										
LEAD	7439-92-1	**59**	mg/kg			**120**		**218**				**120**				**130**				**171**	**J**			**71.7**	**J**				
MAGNESIUM	7439-95-4		mg/kg			1320		3120				2880				3330				27000				1580	J				
MANGANESE	7439-96-5	**42**	mg/kg			**160**		**267**				**448**				**332**				**407**	**J**			**522**	**J**				
MERCURY	7439-97-6	**0.1**	mg/kg			0.03		**0.31**	**J**			**0.22**	**J**			**0.21**	**J**			**0.22**	**J**			0.086	J				
MOLYBDENUM	7439-98-7		mg/kg																										
NICKEL	7440-02-0	**31**	mg/kg			28.2		**51.8**				23.0				27.4				**234**				**46.1**					
POTASSIUM	7440-09-7		mg/kg			2580		619				654				1020				< 570	U			< 770	U				
SELENIUM	7782-49-2	**7**	mg/kg			< 1.4	U	2.8				< 2.3	U			< 2.2	U			< 2.3	U			< 3.1	U				
SILVER	7440-22-4	**1**	mg/kg			< 0.47	U	< 1.1	U			< 1.2	U			< 1.1	U			< 1.1	U			< 1.5	U				
SODIUM	7440-23-5		mg/kg			1530		< 1100	U			< 1200	U			< 1100	U			< 1100	U			< 1500	U				
THALLIUM	7440-28-0	**3**	mg/kg			< 1.6	U	< 1.1	U			< 1.2	U			< 1.1	U			< 1.1	U			< 1.5	U				
VANADIUM	7440-62-2		mg/kg			27.9		77.1				32.4				39.0				286				70					
ZINC	7440-66-6	**600**	mg/kg			102		180	J			173	J			176	J			245	J			176	J				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	PSEG-SB46		PSEG-SB46		PSEG-SB46		PSEG-SB47		PSEG-SB47		PSEG-SB48		PSEG-SB48		PSEG-SB48		PSEG-SB52		PSEG-SB52		PSEG-SB54	
			Depth interval	4 - 5 ft		4 - 5 ft		4 - 5 ft		0.8 - 1.1 ft		0.8 - 1.1 ft		0.4 - 0.9 ft		4 - 4.9 ft		4 - 4.9 ft		1 - 1.5 ft		1 - 1.5 ft		1 - 1.5 ft	
			Sample ID	PSEG-SB46B(4.0-5.0)R		PSEG-SB46BD(4.0-5.0)		PSEG-SB46BD(4.0-5.0)R		PSEG-SB47A(0.8-1.1)		PSEG-SB47A(0.8-1.1)		PSEG-SB48A(0.4-0.9)		PSEG-SB48B(4.0-4.9)		PSEG-SB48BD(4.0-4.9)		PSEG-SB52A(1.0-1.5)		PSEG-SB52A(1.0-1.5)R		PSEG-SB54A(1.0-1.5)	
			Lab ID	J47741-2R		J47741-3		J47741-3R		J47582-1		J47582-1R		J47449-6		J47449-7		J47449-8		J47237-1		J47237-1R		J47368-1	
			Date collected	11/30/2006 2:45:00 PM		11/30/2006 2:50:00 PM		11/30/2006 2:50:00 PM		11/29/2006 1:07:00 PM		11/29/2006 1:07:00 PM		11/28/2006 1:30:00 PM		11/28/2006 1:50:00 PM		11/28/2006 1:52:00 PM		11/22/2006 12:50:00 PM		11/22/2006 12:50:00 PM		11/27/2006 3:00:00 PM	
			Sample Type	N		FD		FD		N		N		N		N		FD		N		N		N	
			Depth to Groundwater	4.3		4.3		4.3		4		4		4.5		4.5		4.5		5		5		4.9	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg			**5310**														**16300**					
ANTIMONY	7440-36-0	**6**	mg/kg			< 2.8	UJ													5.8	J				
ARSENIC	7440-38-2	**19**	mg/kg			15.9														18.3				3.4	
BARIUM	7440-39-3	**1300**	mg/kg			57.3														**10700**				37.9	
BERYLLIUM	7440-41-7	**0.5**	mg/kg			**0.92**														< 0.59	U				
CADMIUM	7440-43-9	**1**	mg/kg			**1.2**														**6.5**					
CALCIUM METAL	7440-70-2		mg/kg			6620														44900	J				
CHROMIUM	7440-47-3		mg/kg			489														1860	J				
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	5.7	J			5.2	J			6.3	J	5.3		< 1.3	U	< 1.3	U			42.5		1.6	
COBALT	7440-48-4	**59**	mg/kg			11.1														38.1					
COPPER	7440-50-8	**7300**	mg/kg			146	J													144					
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg			48400	J													38300	J				
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg			40.2	J			**228**	**J**			**136**		7.0		6.5		**3700**	**J**			16.5	
MAGNESIUM	7439-95-4		mg/kg			935	J													7900					
MANGANESE	7439-96-5	**42**	mg/kg			**291**	**J**													**499**	**J**				
MERCURY	7439-97-6	**0.1**	mg/kg			**0.13**	**J**													**1.6**	**J**				
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg			25.5														**97.9**					
POTASSIUM	7440-09-7		mg/kg			< 690	U													1010					
SELENIUM	7782-49-2	**7**	mg/kg			< 2.8	U													< 2.4	U				
SILVER	7440-22-4	**1**	mg/kg			< 1.4	U													< 1.2	U				
SODIUM	7440-23-5		mg/kg			< 1400	U													2620					
THALLIUM	7440-28-0	**3**	mg/kg			< 1.4	U													< 1.2	U				
VANADIUM	7440-62-2		mg/kg			38														115	J				
ZINC	7440-66-6	**600**	mg/kg			118	J													**2270**	**J**				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		PSEG-SB54		PSEG-SB56		PSEG-SB56		PSEG-SB56		PSEG-SB56		PZ1		PZ1		PZ1		PZ1		PZ11		PZ11	
				Depth interval		4 - 4.5 ft		0.4 - 0.9 ft		0.9 - 1.4 ft		5.5 - 6 ft		5.5 - 6 ft		0 - 0.5 ft		0 - 0.5 ft		2 - 2.5 ft		2 - 2.5 ft		0.5 - 1 ft		2 - 2.5 ft	
				Sample ID		PSEG-SB54B(4.0-4.5)		PSEG-SB56A(0.4-0.9)		PSEG-SB56B(0.9-1.4)		PSEG-SB56C(5.5-6.0)		PSEG-SB56CD(5.5-6.0)		PZ1A0		PZ1A0		PZ1B2		PZ1B2		PZ11A0.		PZ11B2	
				Lab ID		J47368-2		J46996-1		J46996-2		J46996-3		J46996-4		853247		J18127-2		853239		J18131-15		853055		853056	
				Date collected		11/27/2006 3:10:00 PM		11/20/2006 9:30:00 AM		11/20/2006 9:35:00 AM		11/20/2006 9:50:00 AM		11/20/2006 9:55:00 AM		10/20/2005 8:22:00 AM		10/20/2005 8:22:00 AM		10/19/2005 8:29:00 AM		10/19/2005 8:29:00 AM		10/19/2005 10:38:00 AM		10/19/2005 10:40:00 AM	
				Sample Type		N		N		N		N		FD		N		N		N		N		N		N	
				Depth to Groundwater		4.9		5.8		5.8		5.8		5.8		5.3		5.3		5.3		5.3		6.3		6.3	
				Excavated																				Yes		Yes	
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg			**16200**	J	**28900**	J	**23600**	J	**30200**	J			**27600**				**30900**		617		**6450**	
ANTIMONY	7440-36-0	**6**	mg/kg			2.8	J	< 17	UJ	< 19	UJ	< 20	UJ			3.6				5.6		5.6	BJ	**65.1**	**J**
ARSENIC	7440-38-2	**19**	mg/kg	**22.2**		8.3		**32.5**		**50.1**		**53.8**				1.7				< 3.9	U	< 0.24	UJ	< 0.25	UJ
BARIUM	7440-39-3	**1300**	mg/kg	183		55.2		< 170	U	< 190	U	< 200	U			34.2				38.0		3.5	J	54.4	J
BERYLLIUM	7440-41-7	**0.5**	mg/kg			< 0.6	U	< 4.2	U	< 4.9	U	< 5	U			< 0.64	U			< 2.0	U	< 0.03	UJ	< 0.14	UJ
CADMIUM	7440-43-9	**1**	mg/kg			< 0.6	U	< 4.2	U	< 4.9	U	< 5	U			0.73				< 0.66	U	0.12	B	1	BJ
CALCIUM METAL	7440-70-2		mg/kg			50900		152000		258000		317000				62400				76300		2880	J	27900	J
CHROMIUM	7440-47-3		mg/kg			2470		17100	J	29900	J	34400	J			6250				7970		197	J	2330	J
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 1.5	U	38.9		3620	J	4570	J	5320	J	160				65.3				< 1.628	UJ	< 1.628	UJ
COBALT	7440-48-4	**59**	mg/kg			51.5		**161**		**159**		**205**				**125**				**185**		2	BJ	17.8	J
COPPER	7440-50-8	**7300**	mg/kg			102		42.4		< 24	U	< 25	U			45.9				55.3		2.4	B	44.1	
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg			45400		75100		42500		55900				106000				143000		1660	J	19700	J
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**249**		53.1		**80.8**		34.4		28.9				31.6				45.0		2.7	BJ	**82.5**	**J**
MAGNESIUM	7439-95-4		mg/kg			22400		45600		30700		39300				45600				63400		527	J	6230	J
MANGANESE	7439-96-5	**42**	mg/kg			**487**		**1110**		**1120**		**1470**				**772**				**1030**		13.3	J	**224**	**J**
MERCURY	7439-97-6	**0.1**	mg/kg			**0.13**		0.064		< 0.062	U	< 0.065	U	0.09	N			0.03				< 0.003	U	**0.16**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg			**197**		**562**		**523**		**676**				**519**				**722**		5.9	BJ	**68.6**	**J**
POTASSIUM	7440-09-7		mg/kg			1430	J	< 4200	UJ	< 4900	UJ	< 5000	UJ			< 640	U			< 660	U	125	B	521	
SELENIUM	7782-49-2	**7**	mg/kg			< 2.4	U	< 17	U	< 19	U	< 20	U			< 1.3	U			**7.1**		< 0.4	U	0.48	
SILVER	7440-22-4	**1**	mg/kg			< 1.2	U	< 8.4	U	< 9.7	U	< 10	U			**1.8**				< 3.9	U	< 0.11	U	0.43	
SODIUM	7440-23-5		mg/kg			< 1200	U	< 8400	UJ	< 9700	UJ	< 10000	UJ			5620				8670		124		627	
THALLIUM	7440-28-0	**3**	mg/kg			< 1.2	U	< 8.4	UM	< 9.7	UM	< 10	UM			< 1.3	U			< 3.9	U	< 0.33	U	< 0.35	U
VANADIUM	7440-62-2		mg/kg			216		506		210		276				646				861		5.3	BJ	92.1	J
ZINC	7440-66-6	**600**	mg/kg			151		211		125		155				250				334		6.5	J	142	J

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	PZ11		PZ13		PZ13		PZ13		PZ14		PZ14		PZ14		PZ14		PZ2		PZ2		PZ3	
			Depth interval	6 - 6.5 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		0.8 - 1 ft		4.5 - 4.5 ft		2 - 2.5 ft	
			Sample ID	PZ11C6		PZ13A0.		PZ13B2		PZ13B2		PZ14A0		PZ14A0		PZ14B22		PZ14B22		PZ2A0.8		PZ2B4.0		PZ3A2-2	
			Lab ID	853057		853059		853230		J18131-6		853233		J18131-9		853234		J18131-10		850182		850183		850187	
			Date collected	10/19/2005 10:45:00 AM		10/19/2005 2:26:00 PM		10/19/2005 2:34:00 PM		10/19/2005 2:34:00 PM		10/19/2005 3:45:00 PM		10/19/2005 3:45:00 PM		10/19/2005 3:50:00 PM		10/19/2005 3:50:00 PM		10/11/2005 1:50:00 PM		10/11/2005 2:05:00 PM		10/11/2005 9:50:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	6.3		5.7		5.7		5.7		5.6		5.6		5.6		5.6		4.6		4.6		3.3	
			Excavated	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**5340**		759				**8070**				**20500**				**21400**		**28400**		**31000**		**30000**	
ANTIMONY	7440-36-0	**6**	mg/kg	**12.2**	**BJ**	4.2	BJ			3.2				< 1.1	U			< 1.2	U	**198**	*	**207**	*	**604**	*
ARSENIC	7440-38-2	**19**	mg/kg	5.9	J	< 0.25	UJ			13.4				3.7				11.4		< 2.8	U	< 2.9	U	< 37.9	UM
BARIUM	7440-39-3	**1300**	mg/kg	54.5	J	7.5	J			164				141				113		70.9	*	39.2	*	93.1	*
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.15	UJ	< 0.03	UJ			< 0.61	U			**1.3**				< 0.61	U	< 0.31	U	< 0.32	U	< 0.21	U
CADMIUM	7440-43-9	**1**	mg/kg	0.59	BJ	0.19	B			**1.1**				< 0.53	U			**1.2**		**2.2**	**E**	**3.9**	**E**	**2**	**E**
CALCIUM METAL	7440-70-2		mg/kg	9690	J	544	J			24800				1100				71600		30200		89700		144000	
CHROMIUM	7440-47-3		mg/kg	396	J	163	J			5860				29.5				6530		6530	*	7120	*	21900	*
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	26.1	J	< 1.628	UJ	417				81.3				457				319		257		2260	
COBALT	7440-48-4	**59**	mg/kg	6	J	1.4	B			11.5				17.8				**71.3**		**71.9**	**N**	**116**	**N**	**160**	**N**
COPPER	7440-50-8	**7300**	mg/kg	48		2.2	B			44.9				19.5				92.6		53.6	*	43.3	*	18.2	*
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	11900	J	2630	J			23400				30600				66600		49900		86400		50500	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	**118**	**J**	7.3	J			**834**				18.2				**158**		**62.5**	***N**	32.4	*N	16.5	*N
MAGNESIUM	7439-95-4		mg/kg	2890	J	160	BJ			4490				6970				30400		27100		52200		28900	
MANGANESE	7439-96-5	**42**	mg/kg	**179**	**J**	15.8	J			**301**				**991**				**573**		**355**		**768**		**1130**	
MERCURY	7439-97-6	**0.1**	mg/kg	**0.14**		0.008		**0.49**				**0.17**				**0.98**				0.05		0.03	B		
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	17.7	J	2.5	BJ			**52.5**				**33.1**				**259**		**293**		**490**		**508**	
POTASSIUM	7440-09-7		mg/kg	1030		132	B			881				4770				1260		869	E	405	E	183	BE
SELENIUM	7782-49-2	**7**	mg/kg	0.61		< 0.41	U			< 1.2	U			1.9				< 1.2	U	< 0.46	U	1	B	< 0.62	U
SILVER	7440-22-4	**1**	mg/kg	0.27		< 0.12	U			< 1.2	U			< 1.1	U			< 1.2	U	0.81	B	1	B	0.83	B
SODIUM	7440-23-5		mg/kg	735		35.9	BJ			774				< 530	U			1190		16800		3500		1760	
THALLIUM	7440-28-0	**3**	mg/kg	< 0.38	U	< 0.33	U			< 1.2	U			< 1.1	U			< 1.2	U	1.8		0.94	B	2.2	
VANADIUM	7440-62-2		mg/kg	57.3	J	16.6	J			190				48.7				445		449		725		45.1	
ZINC	7440-66-6	**600**	mg/kg	201	J	10.6	BJ			476				83.2				**880**		162	*	209	*	80	*

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

				Location				PZ4		PZ4		PZ5		PZ5		PZ5		PZ5		PZ5		PZ6		PZ6		PZ6	
				Depth interval				0.5 - 1 ft		2 - 2.5 ft		0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		2 - 2.5 ft		0.5 - 1 ft		0.5 - 1 ft		1.5 - 2 ft	
				Sample ID				PZ4A0.5		PZ4B2-2		PZ5A0.5		PZ5A0.5		PZ5B2		PZ5BD2		PZ5BD2		PZ6A0.5		PZ6A0.5		PZ6B1.5	
				Lab ID				850192		850193		853225		J18131-1		853226		J18131-2		853227		J18131-3		852115		J18134-15		852116	
				Date collected				10/11/2005 11:15:00 AM		10/11/2005 11:20:00 AM		10/19/2005 8:26:00 AM		10/19/2005 8:26:00 AM		10/19/2005 8:33:00 AM		10/19/2005 8:33:00 AM		10/19/2005 8:33:00 AM		10/18/2005 3:20:00 PM		10/18/2005 3:20:00 PM		10/18/2005 3:25:00 PM	
				Sample Type				N		N		N		N		N		N		FD		FD		N		N		N	
				Depth to Groundwater				3.5		3.5		4.9		4.9		4.9		4.9		4.9		4.9		5.9		5.9		5.9	
				Excavated																									
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**17600**		**30900**				3600				**28700**				**28000**				1850					
ANTIMONY	7440-36-0	**6**	mg/kg	**184**	*	**1080**	*			< 1.0	U			**15.6**				**14.1**				< 1.1	U				
ARSENIC	7440-38-2	**19**	mg/kg	< 0.34	U	< 36.6	UM			1.3				17.6				13.7				1.4					
BARIUM	7440-39-3	**1300**	mg/kg	77	*	65.9	*			< 21	U			< 120	U			< 140	U			< 22	U				
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.12	U	< 0.2	U			< 0.52	U			< 3.0	U			< 3.5	U			< 0.55	U				
CADMIUM	7440-43-9	**1**	mg/kg	**1.6**	**E**	**2.5**	**E**			< 0.52	U			< 3.0	U			< 3.5	U			< 0.55	U				
CALCIUM METAL	7440-70-2		mg/kg	82500		318000				48500				108000				120000				4310					
CHROMIUM	7440-47-3		mg/kg	6030	*	39000	*			1330				12600				11500				33.5					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	78.9		19800		14.3				4170				2360				9.46				757			
COBALT	7440-48-4	**59**	mg/kg	46.6	N	**133**	**N**			< 5.2	U			**74.2**				**77.3**				< 5.5	U				
COPPER	7440-50-8	**7300**	mg/kg	43	*	31.4	*			3.2				114				112				3.5					
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	31700		61300				3250				52900				49900				2670					
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg	**91.1**	***N**	5	*N			1.6				**99.5**				**132**				2.4					
MAGNESIUM	7439-95-4		mg/kg	18300		37900				10700				40900				43400				< 550	U				
MANGANESE	7439-96-5	**42**	mg/kg	**460**		**1200**				**54.2**				**731**				**761**				17.3					
MERCURY	7439-97-6	**0.1**	mg/kg	**0.55**		< 0.005	U	< 0.003	U			**2**				**2**				0.01				0.009			
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**221**		**663**				< 4.1	U			**335**				**370**				< 4.4	U				
POTASSIUM	7440-09-7		mg/kg	253	BE	< 5.4	U			< 520	U			< 3000	U			< 3500	U			< 550	U				
SELENIUM	7782-49-2	**7**	mg/kg	< 0.57	U	< 3	U			< 1.0	U			< 6.1	U			< 7.0	U			1.6					
SILVER	7440-22-4	**1**	mg/kg	**1.1**	**B**	0.81	B			< 1.0	U			< 6.1	U			< 7.0	U			< 1.1	U				
SODIUM	7440-23-5		mg/kg	424		785				< 520	U			< 3000	U			< 3500	U			< 550	U				
THALLIUM	7440-28-0	**3**	mg/kg	< 0.47	U	**6.1**				< 1.0	U			< 6.1	UM			< 7.0	UM			< 1.1	U				
VANADIUM	7440-62-2		mg/kg	219		128				9.9				1140				1150				10.6					
ZINC	7440-66-6	**600**	mg/kg	135	*	117	*			5.0				239				558				4.5					

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

				Location		PZ6		PZ7		PZ7		PZ7		PZ8		PZ8		PZ8		PZ8		PZ9		PZ9		PZ9	
				Depth interval		1.5 - 2 ft		0.5 - 1 ft		1.5 - 2 ft		5.5 - 6 ft		0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		0.5 - 1 ft		0.5 - 1 ft		1.7 - 2.2 ft	
				Sample ID		PZ6B1.5		PZ7A0.5		PZ7B1.5		PZ7C5.5		PZ8A0.5		PZ8A0.5		PZ8B2		PZ8B2		PZ9A0.5		PZ9A0.5		PZ9B1.7	
				Lab ID		J18134-16		852160		852161		852162		853419		J18127-5		853420		J18127-6		853425		J18127-11		853426	
				Date collected		10/18/2005 3:25:00 PM		10/18/2005 2:05:00 PM		10/18/2005 2:10:00 PM		10/18/2005 2:35:00 PM		10/21/2005 7:45:00 AM		10/21/2005 7:45:00 AM		10/21/2005 7:55:00 AM		10/21/2005 7:55:00 AM		10/21/2005 9:05:00 AM		10/21/2005 9:05:00 AM		10/21/2005 9:15:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.9		5.7		5.7		5.7		4.2		4.2		4.2		4.2		3.3		3.3		3.3	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**29800**		1860		**25400**		**7510**						**13500**				**15400**				**10300**			
ANTIMONY	7440-36-0	**6**	mg/kg	< 4.5	U	3.7	B	**421**	**J**	**76.3**	**J**					4.4				5.7				4.2			
ARSENIC	7440-38-2	**19**	mg/kg	< 4.5	U	1.1	B	< 16.6	UJ	< 1.4	UJ					9.3				11.6				6.6			
BARIUM	7440-39-3	**1300**	mg/kg	35.2		11.8	J	75.9	J	37.8	J					78.9				100				78.9			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.76	U	< 0.03	UJ	< 0.04	UJ	< 0.15	UJ					< 0.62	U			< 0.64	U			< 0.59	U		
CADMIUM	7440-43-9	**1**	mg/kg	0.81		0.26	B	**2.8**		0.54	BJ					0.99				**1.8**				0.60			
CALCIUM METAL	7440-70-2		mg/kg	141000		9770	J	155000	J	66400	J					54700				62500				25100			
CHROMIUM	7440-47-3		mg/kg	11500		117	J	16100	J	2820	J					4310				6860				3000			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			38		1510		2700				129				166				181				3470	
COBALT	7440-48-4	**59**	mg/kg	**104**		1.8	BJ	**137**	**J**	23.9	J					49.7				54.5				45.2			
COPPER	7440-50-8	**7300**	mg/kg	22.1		3.9	B	125	J	10.8	BJ					72.5				85.6				1950			
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	64300		3340	J	13000	J	16000	J					46900				49800				63300			
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg	30.3		6.1	J	**129**	**J**	5.1	J					**118**				**184**				**230**			
MAGNESIUM	7439-95-4		mg/kg	110000		734	J	38200	J	9860	J					17800				18700				12600			
MANGANESE	7439-96-5	**42**	mg/kg	**1160**		26.6	J	**898**	**J**	**230**	**J**					**396**				**471**				**402**			
MERCURY	7439-97-6	**0.1**	mg/kg			0.007	J	**0.34**	**J**	< 0.004	UJ	**0.59**	**N**					**0.81**	**N**			**0.13**	**N**			< 0.005	U
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**438**		3.3	BJ	**478**	**J**	**85.8**	**J**					**235**				**221**				**164**			
POTASSIUM	7440-09-7		mg/kg	< 760	U	352	BJ	732		429	BJ					805				< 640	U			< 590	U		
SELENIUM	7782-49-2	**7**	mg/kg	6.5		< 0.42	U	< 0.55	U	< 0.45	U					< 1.2	U			< 1.3	U			< 1.2	U		
SILVER	7440-22-4	**1**	mg/kg	< 1.5	U	< 0.12	U	0.82		0.31						< 1.2	U			< 1.3	U			**1.7**			
SODIUM	7440-23-5		mg/kg	1400		333		2300		422						636				677				855			
THALLIUM	7440-28-0	**3**	mg/kg	< 4.5	U	< 0.34	U	**3.2**		< 0.37	U					< 1.2	U			< 1.3	U			< 1.2	U		
VANADIUM	7440-62-2		mg/kg	618		14.8	J	266	J	77	J					286				314				288			
ZINC	7440-66-6	**600**	mg/kg	224		8.1	BJ	206	J	41.2	J					260				395				426			

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	PZ9		SB1		SB1		SB12		SB12		SB16		SB16		SB17		SB18		SB19		SB19	
			Depth interval	1.7 - 2.2 ft		0.5 - 1 ft		4 - 4.5 ft		0 - 0.5 ft		4 - 4.5 ft		0 - 0.5 ft		3.5 - 4 ft		1 - 1.5 ft		1 - 1.5 ft		0.5 - 1 ft		2.5 - 3 ft	
			Sample ID	PZ9B1.7		SB1-0.5		SB1-4.0		SB12-0		SB12-4		SB16-0		SB16-3		SB17-1		SB18-1		SB19-.5		SB19-2.	
			Lab ID	J18127-12		10155-001		10155-002		10275-002		10275-004		10363-002		10363-004		10431-009		10275-006		10392-002		10392-003	
			Date collected	10/21/2005 9:15:00 AM		11/10/2003 9:50:00 AM		11/10/2003 10:15:00 AM		11/13/2003 11:05:00 AM		11/13/2003 11:15:00 AM		11/14/2003 3:20:00 PM		11/14/2003 1:30:00 PM		11/18/2003 3:00:00 PM		11/13/2003 3:00:00 PM		11/17/2003 3:00:00 PM		11/17/2003 3:10:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	3.3		4.7		4.7		6.4		6.4		5.5		5.5		5.4		4.8		5		5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**18000**		**11200**		**13900**		**10300**		**9470**		**18100**		**19800**		1100		**31200**		**15100**		**23200**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 2.9	U	< 1.21	U	< 1.29	U	< 1.15	U	< 1.18	U	< 1.23	U	< 1.35	U	< 1.1	U	< 1.57	U	< 1.21	U	< 1.57	U
ARSENIC	7440-38-2	**19**	mg/kg	< 2.9	U	3.48		3.57		4.63		2.1		6.44		2.84		< 1.1	U	7.07		2.17		< 1.57	U
BARIUM	7440-39-3	**1300**	mg/kg	< 29	U	133		94.9		322		29.5		49.4		19		< 11	U	< 15.7	U	41.1		< 15.7	U
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.71	U	< 0.603	U	< 0.645	U	< 0.577	U	< 0.588	U	< 0.613	U	< 0.673	U	< 0.55	U	**0.811**		< 0.607	U	< 0.785	U
CADMIUM	7440-43-9	**1**	mg/kg	< 0.71	U	0.888		**1.04**		< 0.289	U	< 0.294	U	0.4		< 0.336	U	< 0.275	U	< 0.393	U	0.595		< 0.393	U
CALCIUM METAL	7440-70-2		mg/kg	59500		62100		64200		15600		3910		66100		75900		< 55	U	156000		53900		44700	
CHROMIUM	7440-47-3		mg/kg	9600		4260		4870		78.3		3030		5690		5690		27.9		20200		3640		3390	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg																						
COBALT	7440-48-4	**59**	mg/kg	**187**		**67**		**82.9**		4.85		5.95		**115**		**148**		< 2.2	U	**76.6**		**95.9**		**133**	
COPPER	7440-50-8	**7300**	mg/kg	9.7		86.1		70.3		33.8		15		46.7		28.7		< 2.2	U	47.8		51.1		34.8	
CYANIDE	57-12-5	**13**	mg/kg			< 1.21	U	< 1.3	U	< 1.15	U	< 1.19	U	< 1.23	U	< 1.34	U	< 1.1	U	< 1.57	U	< 1.21	U	< 1.57	U
IRON	7439-89-6		mg/kg	120000		51300		57200		10700		13800		92100		111000		3040		48000		72700		98100	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	30.7		**714**		**155**		**92.2**		24.1		**107**		32.5		1.65		43.8		**73.7**		14	
MAGNESIUM	7439-95-4		mg/kg	69500		16000		19200		4820		3700		54300		75400		< 55	U	38200		42500		56100	
MANGANESE	7439-96-5	**42**	mg/kg	**900**		**577**		**566**		**410**		**142**		**710**		**722**		< 5.5	U	**751**		**372**		**435**	
MERCURY	7439-97-6	**0.1**	mg/kg			**0.359**		**0.213**		**3.72**		**0.34**		**0.328**		0.078		< 0.014	U	0.094		0.099		< 0.02	U
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	**661**		**271**		**355**		11.4		10.3		**424**		**529**		< 1.1	U	**403**		**396**		**556**	
POTASSIUM	7440-09-7		mg/kg	< 710	U	915		607		980		720		317		86.9		80.5		839		172		81.3	
SELENIUM	7782-49-2	**7**	mg/kg	< 1.4	U	< 2.41	U	< 2.58	U	< 2.31	U	< 2.35	U	< 2.45	U	< 2.69	U	< 2.2	U	< 3.14	U	< 2.43	U	< 3.14	U
SILVER	7440-22-4	**1**	mg/kg	**2.3**		< 0.603	U	< 0.645	U	< 0.577	U	< 0.588	U	< 0.613	U	< 0.673	U	< 0.55	U	< 0.785	U	< 0.607	U	< 0.785	U
SODIUM	7440-23-5		mg/kg	736		1010		2560		781		286		2280		1690		< 110	U	945		568		2240	
THALLIUM	7440-28-0	**3**	mg/kg	< 2.9	U	0.191		< 0.129	U	< 0.115	U	< 0.118	U	< 0.123	U	< 0.135	U	< 0.11	U	< 0.157	U	< 0.121	U	< 0.157	U
VANADIUM	7440-62-2		mg/kg	1020		365		413		42.6		< 2.35	U	852		< 2.69	U	6.56		346		468		593	
ZINC	7440-66-6	**600**	mg/kg	321		396		283		198		45.8		240		220		2.8		182		215		200	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location			SB2		SB20		SB21		SB22		SB25		SB25		SB25		SB25		SB4		SB5		TPA	
				Depth interval			1 - 1.5 ft		0.5 - 1 ft		1.5 - 2 ft		1 - 1.5 ft		0.5 - 1 ft		2 - 2.5 ft		4 - 4.5 ft		6 - 6.5 ft		2 - 2.5 ft		1 - 1.5 ft		1.5 - 2 ft	
				Sample ID			SB2-1.0		SB20-0.		SB21-1		SB22-1		SB25-0		SB25-2		SB25-4		SB25-6		SB4-2.0		SB5-1.0		TPA1.5	
				Lab ID			10155-004		10363-008		10468-002		10431-004		718616		718617		718618		718619		10170-003		10170-001		726775	
				Date collected			11/10/2003 2:05:00 PM		11/14/2003 2:40:00 PM		11/19/2003 9:25:00 AM		11/18/2003 1:35:00 PM		4/13/2004 1:16:00 PM		4/13/2004 1:26:00 PM		4/13/2004 1:30:00 PM		4/13/2004 1:35:00 PM		11/11/2003 1:40:00 PM		11/11/2003 8:30:00 AM		5/12/2004 9:34:00 AM	
				Sample Type			N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater			5.5		5		5.3		4.5		6.6		6.6		6.6		6.6		3.6		3.5		5.7	
				Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R		Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**9240**			**15500**		**15500**		**11100**												**17200**		**18200**			
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.13	U		< 1.21	U	< 1.32	U	< 1.27	U											< 1.18	U	< 1.39	U		
ARSENIC	7440-38-2	**19**	mg/kg	2.28			2.06		< 1.32	U	1.67												2.14		< 1.39	U		
BARIUM	7440-39-3	**1300**	mg/kg	68.3			34.5		19.7		41.2												58.9		15.7			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.565	U		< 0.603	U	< 0.658	U	< 0.633	U											< 0.588	U	< 0.693	U		
CADMIUM	7440-43-9	**1**	mg/kg	0.344			0.579		< 0.329	U	< 0.316	U											< 0.294	U	< 0.346	U		
CALCIUM METAL	7440-70-2		mg/kg	32000			57700		64100		30900												38000		53000			
CHROMIUM	7440-47-3		mg/kg	1850			4550		4090		5160												2290		4010			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg										< 4.78	UJ	< 6.02	UJ			< 6.13	UJ	< 7.13	UJ					< 4.99	U
COBALT	7440-48-4	**59**	mg/kg	48.4			**110**		**155**		**69.9**												46.7		**128**			
COPPER	7440-50-8	**7300**	mg/kg	91.4			26.1		22.8		32.1												100		15.9			
CYANIDE	57-12-5	**13**	mg/kg	< 1.13	U		< 1.21	U	< 1.31	U	< 1.26	U											< 1.18	U	< 2.77	U		
IRON	7439-89-6		mg/kg	42400			79400		92400		49200												43200		73500			
IRON (FERROUS)	15438-31-0		mg/kg																									
LEAD	7439-92-1	**59**	mg/kg	**63.7**			**60.5**		36.6		**71.5**												23.2		38.2			
MAGNESIUM	7439-95-4		mg/kg	13300			53600		64500		27100												19700		51600			
MANGANESE	7439-96-5	**42**	mg/kg	**429**			**475**		**645**		**413**												**436**		**577**			
MERCURY	7439-97-6	**0.1**	mg/kg	0.08			**0.102**		**0.101**		**0.103**												0.03		0.036			
MOLYBDENUM	7439-98-7		mg/kg																									
NICKEL	7440-02-0	**31**	mg/kg	**160**			**406**		**560**		**255**												**149**		**489**			
POTASSIUM	7440-09-7		mg/kg	1490			126		127		< 63.3	U											2030		< 69.3	U		
SELENIUM	7782-49-2	**7**	mg/kg	< 2.26	U		< 2.41	U	< 2.63	U	< 2.53	U											< 2.35	U	< 2.77	U		
SILVER	7440-22-4	**1**	mg/kg	< 0.565	U		< 0.603	U	< 0.658	U	< 0.633	U											**3.94**		< 0.693	U		
SODIUM	7440-23-5		mg/kg	1070			601		1630		1260												1230		854			
THALLIUM	7440-28-0	**3**	mg/kg	< 0.113	U		< 0.121	U	< 0.132	U	< 0.127	U											< 0.118	U	< 0.139	U		
VANADIUM	7440-62-2		mg/kg	253			730		1230		376												309		921			
ZINC	7440-66-6	**600**	mg/kg	146			210		225		163												< 2.35	U	179			

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	TPA		TPB		TPB		TT108		TT109		TT109		TT110		TT110		TT112		TT114		TT114	
			Depth interval	3 - 3.5 ft		1.1 - 1.6 ft		2.5 - 3 ft		4 - 4.5 ft		1 - 1.5 ft		4 - 4.5 ft		0 - 0.5 ft		4 - 4.5 ft		6 - 6.5 ft		0 - 0.5 ft		3 - 3.5 ft	
			Sample ID	TPA3		TPB-001		TPB-002		TT-108		TT-109		TT-109		TT110-0		TT110-4		TT112-6		TT114-0		TT114-3	
			Lab ID	726776		738092		738093		662002		662004		662003		662010		662009		662167		662013		662012	
			Date collected	5/12/2004 9:37:00 AM		6/23/2004 12:07:00 PM		6/23/2004 12:14:00 PM		8/5/2003		8/5/2003		8/5/2003		8/5/2003		8/5/2003		8/6/2003		8/5/2003		8/5/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.7		5.7		5.7		4.3		4.3		4.3		4.7		4.7		6.6		6.5		6.5	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg							**15100**	*	**24600**	*	**10300**	*	**17900**	*	**13300**	*	**11100**	*	**12100**	*	**7420**	*
ANTIMONY	7440-36-0	**6**	mg/kg							**42.4**		**101**		**36.8**		**27.4**		**56.3**		< 12.9	U	< 7.2	U	< 7.3	U
ARSENIC	7440-38-2	**19**	mg/kg							< 68.5	UNM	< 72.6	UNM	< 13.9	UN	< 25.4	UNM	< 72.7	UNM	**30.9**	**N**	4.8	N	**21.9**	**N**
BARIUM	7440-39-3	**1300**	mg/kg							310	N	55.4	N	607	N	138	N	718	N	759	N	104	N	173	N
BERYLLIUM	7440-41-7	**0.5**	mg/kg							< 6.8	U	< 7.3	U	< 0.7	U	< 6.3	U	< 7.3	U	< 1.07	U	< 3	U	< 0.61	U
CADMIUM	7440-43-9	**1**	mg/kg							< 0.68	U	< 0.73	U	< 0.7	U	< 0.63	U	0.79		**7.6**		< 0.6	U	< 0.61	U
CALCIUM METAL	7440-70-2		mg/kg							26800	*	90800	*	17300	*	47500	*	33200		21100	*	9970	*	16400	*
CHROMIUM	7440-47-3		mg/kg							6720		18800		6000		5150		9310		403		1040		99.3	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	< 4.72	U	< 4.76	U	< 5.14	U	249	J	18500	J	36.8	J	17.1	J	< 6.11	UJ	< 8.93	UJ	40.7	J	< 4.99	UJ
COBALT	7440-48-4	**59**	mg/kg							43.8		**167**		17.3		**70.9**		24.7		< 10.7	U	24.6		8.3	
COPPER	7440-50-8	**7300**	mg/kg							233		21.8		161		66.4		258		420		50.9		679	
CYANIDE	57-12-5	**13**	mg/kg							< 1.42	U	< 1.49	U	< 1.4	U	5.59		1.6		**56.3**		< 1.22	U	4.76	
IRON	7439-89-6		mg/kg							42100		113000		48200		58800		28900		43500		31600		37200	
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg							**920**		44.8		**772**		**220**		**360**		**1860**		**255**		**458**	
MAGNESIUM	7439-95-4		mg/kg							19800		83600		7850		25300		14100		4520		7550		3240	
MANGANESE	7439-96-5	**42**	mg/kg							**392**	***N**	**983**	***N**	**301**	***N**	**564**	***N**	**293**		**427**	***N**	**408**	***N**	**479**	***N**
MERCURY	7439-97-6	**0.1**	mg/kg							**2.2**		**0.13**		**0.71**		**0.3**		**0.81**		**2.7**		**0.88**		**0.55**	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg							**160**		**569**		**59.9**		**273**		**99.7**		**56.5**		**78.4**		**80.2**	
POTASSIUM	7440-09-7		mg/kg							1020		< 290	U	1450		680		2820		875		1140		902	
SELENIUM	7782-49-2	**7**	mg/kg							< 0.68	U	< 7.3	U	0.96		< 6.3	U	< 0.73	U	4.4		< 0.6	U	< 0.61	U
SILVER	7440-22-4	**1**	mg/kg							< 1.4	UN	< 1.5	UN	< 1.4	UN	< 1.3	UN	< 1.5	UN	**6.9**	**N**	< 1.2	UN	< 1.2	UN
SODIUM	7440-23-5		mg/kg							1570		613		1680		433		2670		562		203		605	
THALLIUM	7440-28-0	**3**	mg/kg							< 13.7	UM	< 14.5	UM	< 1.4	U	< 12.7	UM	< 1.5	U	< 10.7	UM	< 6	UM	< 6.1	UM
VANADIUM	7440-62-2		mg/kg							184		725		112		373		149		68.1		121		557	
ZINC	7440-66-6	**600**	mg/kg							502		316		525		308		530		**1530**		307		374	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		TT1305		TT1308		TT315		TT315		TT316		TT317		TT319		TT703		X1		X1		X1	
				Depth interval		1.5 - 2 ft		0 - 0.5 ft		1 - 1.5 ft		3 - 3.5 ft		4 - 4.5 ft		2 - 2.5 ft		0 - 0.5 ft		0 - 0.5 ft		0.5 - 1 ft		0.5 - 1 ft		0.5 - 1 ft	
				Sample ID		TT1305		TT1308-		TT315-1		TT315-3		TT316-4		TT317-2		TT319-0		TT703-0		X1A0.5		X1A0.5		X1AD0.5	
				Lab ID		662644		662666		662169		662168		662171		662170		662635		662658		J11476-16		J11476-16A		J11476-17	
				Date collected		8/7/2003		8/7/2003		8/6/2003		8/6/2003		8/6/2003		8/6/2003		8/7/2003		8/7/2003		10/3/2005 1:06:00 PM		10/3/2005 1:06:00 PM		10/3/2005 1:06:00 PM	
				Sample Type		N		N		N		N		N		N		N		N		N		N		FD	
				Depth to Groundwater		4.4		4.3		6.7		6.7		5.6		5.2		4		4.5		5.8		5.8		5.8	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**11500**	*	**19800**		**9990**	*	**11800**	*	**8880**	*	**8300**	*	**26700**	*	**17800**	*	**7510**						**4630**	
ANTIMONY	7440-36-0	**6**	mg/kg	**33.5**		**33.8**		< 8.1	U	< 7.5	U	**29.4**		< 7.5	U	**106**		**42.7**		< 1.2	UJ					< 1.1	UJ
ARSENIC	7440-38-2	**19**	mg/kg	< 1.2	U	< 13.5	U	5.4	N	4.9	N	< 14.3	UN	13.9	N	< 134	UM	< 122	UM	3.1						2.1	
BARIUM	7440-39-3	**1300**	mg/kg	223		74.2		114	N	39.6	N	71.1	N	**1510**	**N**	275		256		< 24	U					< 23	U
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 6.1	U	< 6.7	U	< 0.67	U	< 0.63	U	< 0.71	U	< 0.63	U	< 6.7	U	< 6.1	U	< 0.61	U					< 0.57	U
CADMIUM	7440-43-9	**1**	mg/kg	**1.7**		< 0.67	U	< 0.67	U	< 0.63	U	**1.7**		0.68		< 0.67	U	**1.5**		< 0.61	U					< 0.57	U
CALCIUM METAL	7440-70-2		mg/kg	23500		40900		1450	*	917	*	3070	*	25700	*	171000		82100		11000						7060	
CHROMIUM	7440-47-3		mg/kg	2470		4660		45.8		13.8		4890		846		19300		7480		1170						865	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	76.4	J	28.5	J	< 5.48	UJ	< 5.11	UJ	294	J	439	J	4090	J	507	J					41.3	J		
COBALT	7440-48-4	**59**	mg/kg	36.1	*	**156**	*	< 6.7	U	< 6.3	U	7.3		8.8		**94.8**	*	**59.7**	*	20.5						12.3	
COPPER	7440-50-8	**7300**	mg/kg	203	N	102	N	47.5		12.5		64		24.3		56	N	235	N	11.4						8.9	
CYANIDE	57-12-5	**13**	mg/kg	12.2		< 1.36	U	1.53		< 1.28	U	< 1.49	U	< 1.32	U	< 1.35	U	3.91									
IRON	7439-89-6		mg/kg	40600		100000		17300		17000		19500		20200		61700		70900	*	17100						10900	
IRON (FERROUS)	15438-31-0		mg/kg																							< 1.2	U
LEAD	7439-92-1	**59**	mg/kg	**608**	**N**	**124**	**N**	**110**		11.1		**420**		**3250**		**77**	**N**	**547**	**N**	23.8						19.1	
MAGNESIUM	7439-95-4		mg/kg	8390	*	49600	*	1940		2390		3520		7190		29200	*	20300	*	8910						5870	
MANGANESE	7439-96-5	**42**	mg/kg	**472**	***N**	**752**	***N**	**104**	***N**	**295**	***N**	**201**	***N**	**276**	***N**	**944**	***N**	**1370**	***N**	**123**						**118**	
MERCURY	7439-97-6	**0.1**	mg/kg	**1.3**		0.09		**0.8**		< 0.04	U	**0.37**		**0.33**		**0.18**		**1.6**		< 0.039	U					0.049	
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**143**	*	**590**	*	17.1		12.9		22.6		29.5		**374**	*	**240**	*	**86.1**						**54.5**	
POTASSIUM	7440-09-7		mg/kg	872		444		733		810		1090		655		395		879		< 610	U					< 570	U
SELENIUM	7782-49-2	**7**	mg/kg	< 0.61	U	< 0.67	U	< 0.67	U	< 0.63	U	< 0.71	U	< 0.63	U	< 6.7	U	< 0.61	U	< 1.2	U					< 1.1	U
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.3	U	< 1.3	UN	< 1.3	U	< 1.4	U	< 1.3	U	< 1.3	U	< 1.2	U	< 1.2	U					< 1.1	U
SODIUM	7440-23-5		mg/kg	319		1020		< 134	U	< 125	U	190		522		744		757		824						< 570	U
THALLIUM	7440-28-0	**3**	mg/kg	< 12.2	UM	< 13.5	UM	< 1.3	U	< 3.8	U	< 1.4	U	< 6.3	UM	< 13.4	UM	< 12.2	UM	< 1.2	U					< 1.1	U
VANADIUM	7440-62-2		mg/kg	284	*	712	*	27.1		22.2		49.2		97.1		153	*	252	*	108						73	
ZINC	7440-66-6	**600**	mg/kg	**713**		575		130		56.9		**1420**		**1830**		365		**769**		58.5						38.5	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

				Location				X1		X1		X1		X1		X10		X10		X10		X10		X10		X10		X11	
				Depth interval				2 - 2.5 ft		2 - 2.5 ft		4.9 - 5.4 ft		4.9 - 5.4 ft		0.2 - 0.7 ft		0.2 - 0.7 ft		1.5 - 2 ft		1.5 - 2 ft		4.6 - 5.1 ft		4.6 - 5.1 ft		0 - 0.5 ft	
				Sample ID				X1B2-2.		X1B2-2.		X1C4.9		X1C4.9-		X10A0.2		X10A0.2		X10B1.5		X10B1.5		X10C4.6		X10C4.6		X11A0.0	
				Lab ID				J11476-18		J11476-18A		J11476-19A		J11476-19		J11722-1		J11722-1A		J11722-2		J11722-2A		J11722-3		J11722-3A		848675	
				Date collected				10/3/2005 1:15:00 PM		10/3/2005 1:15:00 PM		10/3/2005 1:25:00 PM		10/3/2005 1:25:00 PM		10/5/2005 9:05:00 AM		10/5/2005 9:05:00 AM		10/5/2005 9:10:00 AM		10/5/2005 9:10:00 AM		10/5/2005 9:25:00 AM		10/5/2005 9:25:00 AM		10/5/2005 1:56:00 PM	
				Sample Type				N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater				5.8		5.8		5.8		5.8		4.7		4.7		4.7		4.7		4.7		4.7		4.4	
				Excavated																									
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**28500**						**8070**		**19000**				**16500**				**21900**				**13600**	*		
ANTIMONY	7440-36-0	**6**	mg/kg	< 6.5	UJ					< 1.1	UJ	< 2.5	UJ			< 2.7	UJ			< 8.1	UJ			**93.1**	*		
ARSENIC	7440-38-2	**19**	mg/kg	17.8						8.1		3.1				5.4				< 8.1	U			1.9	*N		
BARIUM	7440-39-3	**1300**	mg/kg	115						78.1		35.8				39.1				81.7				115			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.65	U					**0.64**		< 0.64	U			< 0.67	U			< 0.81	U			< 0.32	U		
CADMIUM	7440-43-9	**1**	mg/kg	**1.6**						**3.8**		0.88				0.76				< 0.81	U			0.85	*N		
CALCIUM METAL	7440-70-2		mg/kg	121000						5120		109000				112000				188000				54800			
CHROMIUM	7440-47-3		mg/kg	12100						121		8570				8860				17900				2940	*		
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			602	J	< 1.1	UJ					1690	J			1930	J			9500	J	57.8			
COBALT	7440-48-4	**59**	mg/kg	**72.3**						7		**76**				**70.2**				**115**				20	*		
COPPER	7440-50-8	**7300**	mg/kg	27.6						64.7		27.4				26.2				22.7				71.7	*		
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg	51900						17200		44700				42400				49400				26800	*		
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg	**209**						**157**		31.9				40.3				**197**				57.9			
MAGNESIUM	7439-95-4		mg/kg	88800						3110		46600				40300				46700				6660	*		
MANGANESE	7439-96-5	**42**	mg/kg	**687**						**322**		**536**				**499**				**683**				**239**	***N**		
MERCURY	7439-97-6	**0.1**	mg/kg	**0.14**						**0.34**		0.067				0.094				0.055				**0.14**			
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg	**470**						13.7		**272**				**254**				**368**				**55.4**			
POTASSIUM	7440-09-7		mg/kg	< 650	U					1460		< 640	U			< 670	U			< 810	U			1170			
SELENIUM	7782-49-2	**7**	mg/kg	< 6.5	U					< 1.1	U	< 2.5	U			< 2.7	U			< 8.1	U			< 0.47	U		
SILVER	7440-22-4	**1**	mg/kg	< 1.3	U					< 1.1	U	< 1.3	U			< 1.3	U			< 1.6	U			0.81	B		
SODIUM	7440-23-5		mg/kg	890						662		723				1240				1400				1700			
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U					< 1.1	U	< 2.5	U			< 2.7	U			< 8.1	UM			< 0.38	U		
VANADIUM	7440-62-2		mg/kg	347						27.3		297				301				432				88.4	*N		
ZINC	7440-66-6	**600**	mg/kg	553						**1640**		189				206				221				91.6	*		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	X12		X12		X13		X13		X13		X13		X14		X14		X15		X15		X16	
			Depth interval	0.5 - 0.8 ft		0.8 - 1.3 ft		0.2 - 0.7 ft		0.2 - 0.7 ft		1.5 - 2 ft		1.5 - 2 ft		0.6 - 1 ft		1 - 1.5 ft		0.4 - 0.9 ft		1 - 1.5 ft		0.5 - 1 ft	
			Sample ID	X12A0.		X12B0.8		X13A0.2		X13A0.2		X13B1.5		X13B1.5		X14A0.6		X14B1.0		X15A0.		X15B1.0		X16A0.5	
			Lab ID	849099		849100		J11722-23		J11722-23A		J11722-24		J11722-24A		849105		849106		850178		850179		853248	
			Date collected	10/6/2005 8:19:00 AM		10/6/2005 8:22:00 AM		10/5/2005 1:53:00 PM		10/5/2005 1:53:00 PM		10/5/2005 2:05:00 PM		10/5/2005 2:05:00 PM		10/6/2005 10:18:00 AM		10/6/2005 10:31:00 AM		10/11/2005 1:30:00 PM		10/11/2005 1:33:00 PM		10/20/2005 11:23:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5		5		3.6		3.6		3.6		3.6		5.3		5.3		5.5		5.5		3.9	
			Excavated	Yes		Yes																			
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	1390		**9270**		**21900**				**30600**				**11000**		3620		**21200**		**26200**			
ANTIMONY	7440-36-0	**6**	mg/kg	4.2	B	**92.3**		< 6.1	UJ			< 7.2	UJ			< 0.82	U	**18.8**		**208**	*	**774**	*		
ARSENIC	7440-38-2	**19**	mg/kg	0.66	B	< 0.81	U	< 6.1	U			< 7.2	U			2.9		9		< 2.7	U	< 41.9	UM		
BARIUM	7440-39-3	**1300**	mg/kg	19.1	*	66.2	*	< 120	U			< 140	U			59.3	*	78.2	*	137	*	53	*		
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.03	U	< 0.09	U	< 3	U			< 3.6	U			< 0.27	U	< 0.15	U	< 0.31	U	< 0.47	U		
CADMIUM	7440-43-9	**1**	mg/kg	0.16	B	0.6		< 3	U			< 3.6	U			0.6		0.61		**2.7**	**E**	**4.3**	**E**		
CALCIUM METAL	7440-70-2		mg/kg	2860		68500		109000				156000				21400		6320		74900		270000			
CHROMIUM	7440-47-3		mg/kg	143		3530		11600				15500				30		631		7060	*	27200	*		
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	14.6		1060				3540	J			1750	J	7.89		16.6		568		6370		322	
COBALT	7440-48-4	**59**	mg/kg	2.8	B	22.5		**70.3**				**108**				17		8		**61.9**	**N**	**157**	**N**		
COPPER	7440-50-8	**7300**	mg/kg	3.5		40.1		33.6				40.8				184		47.4		90.9	*	9.1	*		
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	2580		16400		49100				68600				30300		17600		61200		105000			
IRON (FERROUS)	15438-31-0		mg/kg	22.3												172				118					
LEAD	7439-92-1	**59**	mg/kg	8.1	*N	**59.1**	***N**	45.1				**60**				8.6	*N	**130**	***N**	**66.6**	***N**	7.3	*N		
MAGNESIUM	7439-95-4		mg/kg	452	N	8520	N	56300				109000				5420	N	1230	N	31500		44000			
MANGANESE	7439-96-5	**42**	mg/kg	29	*	**275**	*	**615**				**1130**				**422**	*	**169**	*	**721**		**1690**			
MERCURY	7439-97-6	**0.1**	mg/kg	0.008	B	**0.11**		**0.26**				**24.6**				0.01	B	**0.39**		0.07		< 0.006	U	**0.11**	**N**
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	4.4		**80.7**		**301**				**464**				12.6		23.1		**212**		**740**			
POTASSIUM	7440-09-7		mg/kg	204	B	768		< 3000	U			< 3600	U			2400		579		605	E	< 6.1	U		
SELENIUM	7782-49-2	**7**	mg/kg	< 0.42	U	< 0.45	U	< 6.1	U			< 7.2	U			< 0.4	U	2.3		0.67	B	1	B		
SILVER	7440-22-4	**1**	mg/kg	< 0.12	U	< 0.13	U	< 6.1	U			< 7.2	U			< 0.12	U	< 0.13	U	1	B	**1.2**	**B**		
SODIUM	7440-23-5		mg/kg	37.8	B	590		< 3000	U			< 3600	U			1220		253		843		821			
THALLIUM	7440-28-0	**3**	mg/kg	< 0.34	U	< 0.37	U	< 6.1	UM			< 7.2	UM			< 0.33	U	< 0.36	U	1	B	**3.8**			
VANADIUM	7440-62-2		mg/kg	14	N	70.3	N	390				547				108	N	41.1	N	280		584			
ZINC	7440-66-6	**600**	mg/kg	7.6		100		233				332				65.9		351		173	*	553	*		

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	X16		X17		X17		X18		X18		X19		X2		X2		X2		X2		X2		X2					
			Depth interval	0.5 - 1 ft		0.5 - 1 ft		0.5 - 1 ft		0.4 - 0.9 ft		1.5 - 2 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		2 - 2.7 ft		2 - 2.7 ft		2 - 2.7 ft		2.2 - 2.7 ft					
			Sample ID	X16A0.5		X17A0.5		X17A0.5		X18A0.4		X18B1.5		X19A0.0		X2A0		X2A-0		X2B-2		X2BD-2		X2B2					
			Lab ID	J18127-3		853243		J18131-19		J11857-17		J11857-18		848680		J11594-7		J11594-7A		J11594-8A		J11594-9A		J11594-8					
			Date collected	10/20/2005 11:23:00 AM		10/20/2005 9:55:00 AM		10/20/2005 9:55:00 AM		10/6/2005 12:55:00 PM		10/6/2005 1:10:00 PM		10/5/2005 3:03:00 PM		10/4/2005 9:35:00 AM		10/4/2005 9:35:00 AM		10/4/2005 9:37:00 AM		10/4/2005 9:37:00 AM		10/4/2005 9:37:00 AM					
			Sample Type	N		N		N		N		N		N		N		N		N		FD		N					
			Depth to Groundwater	3.9		3.6		3.6		4		4		3.7		5.6		5.6		5.6		5.6		5.6					
			Excavated																										
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q				
ALUMINUM	7429-90-5	**3900**	mg/kg	**23300**				**25200**		**19600**	**J**	**33300**	**J**	**20300**	*	**10100**										**7590**			
ANTIMONY	7440-36-0	**6**	mg/kg	4.6				6.0		**17.4**	**J**	**48.8**	**J**	**390**	*	< 1.2	UJ									< 1.2	UJ		
ARSENIC	7440-38-2	**19**	mg/kg	2.7				3.5		7.5		< 18	U	< 15.5	U	5.9										6.5			
BARIUM	7440-39-3	**1300**	mg/kg	47.7				41.6		65.8		76.6		120		90.7										68.2			
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.63	U			< 2.0	U	< 0.71	U	< 0.92	U	< 0.17	U	**0.61**										< 0.61	U		
CADMIUM	7440-43-9	**1**	mg/kg	0.99				< 0.68	U	< 0.71	U	< 0.92	U	**1.1**		< 0.60	U									< 0.61	U		
CALCIUM METAL	7440-70-2		mg/kg	67600				60300		160000		255000		125000		35300	J									34100	J		
CHROMIUM	7440-47-3		mg/kg	7280				7880		12500	J	38900	J	13700	*	690										1330			
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			164				2420		21700		5770				4.3	J	11.8	J	13.0	J						
COBALT	7440-48-4	**59**	mg/kg	**97.3**				**186**		**62**		**137**		**86.8**	*	7.9										9.7			
COPPER	7440-50-8	**7300**	mg/kg	68.4				60.2		57.2		123		50.1	*	41.8	J									45.4	J		
CYANIDE	57-12-5	**13**	mg/kg																										
IRON	7439-89-6		mg/kg	75200				145000		39300		69800		41200	*	17700	J									15300	J		
IRON (FERROUS)	15438-31-0		mg/kg																										
LEAD	7439-92-1	**59**	mg/kg	54.9				32.2		38.9		< 18	U	51.8		**155**	**J**									**136**	**J**		
MAGNESIUM	7439-95-4		mg/kg	37500				67100		22900		41900		24900	*	6330	J									4190	J		
MANGANESE	7439-96-5	**42**	mg/kg	**619**				**1050**		**612**		**1280**		**710**	***N**	**426**	**J**									**296**	**J**		
MERCURY	7439-97-6	**0.1**	mg/kg			0.05				**0.68**	**J**	< 0.053	UJ	< 0.004	U	**0.39**	**J**									**0.26**	**J**		
MOLYBDENUM	7439-98-7		mg/kg																										
NICKEL	7440-02-0	**31**	mg/kg	**424**				**660**		**291**	**J**	**654**	**J**	**290**		20.3	J									**31.2**	**J**		
POTASSIUM	7440-09-7		mg/kg	791				851		< 710	U	< 920	U	989		1010										1050			
SELENIUM	7782-49-2	**7**	mg/kg	< 1.3	U			**7.6**		< 2.8	U	< 18	U	< 0.52	U	< 1.2	U									< 1.2	U		
SILVER	7440-22-4	**1**	mg/kg	**1.4**				< 2.7	U	< 1.4	U	< 1.8	U	< 0.15	U	< 1.2	U									< 1.2	U		
SODIUM	7440-23-5		mg/kg	1400				1440		< 710	U	< 920	U	1220		< 600	U									1100			
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U			< 4.1	U	< 2.8	U	< 18	UM	< 0.42	U	< 1.2	U									< 1.2	U		
VANADIUM	7440-62-2		mg/kg	516				905		388	J	556	J	529		46.1	J									54.3	J		
ZINC	7440-66-6	**600**	mg/kg	586				362		172	J	290	J	111	*	205										238			

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	X2		X2		X2		X20		X20		X20		X20		X21		X21		X22		X22							
			Depth interval	2.2 - 2.7 ft		4 - 4.5 ft		4 - 4.5 ft		0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		0 - 0.5 ft		1.3 - 1.8 ft		0.5 - 1 ft		1.8 - 2.3 ft							
			Sample ID	X2BD2		X2C4		X2C-4		X20A0.5		X20A0.5		X20B2		X20B2		X21A0.0		X21B1.3		X22A0.5		X22B1.8							
			Lab ID	J11594-9		J11594-10		J11594-10A		856408		J18133-2		856410		J18133-3		849116		849119		849268		849269							
			Date collected	10/4/2005 9:37:00 AM		10/4/2005 9:53:00 AM		10/4/2005 9:53:00 AM		11/1/2005 8:42:00 AM		11/1/2005 8:42:00 AM		11/1/2005 8:49:00 AM		11/1/2005 8:49:00 AM		10/6/2005 12:53:00 PM		10/6/2005 12:56:00 PM		10/7/2005 8:14:00 AM		10/7/2005 8:18:00 AM							
			Sample Type	FD		N		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	5.6		5.6		5.6		5.1		5.1		5.1		5.1		4.3		4.3		4.6		4.6							
			Excavated							Yes		Yes		Yes		Yes															
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
ALUMINUM	7429-90-5	**3900**	mg/kg	**9340**			R					**5520**				**13500**		**9610**		**28800**		**6610**		**5590**							
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.2	UJ	< 1.2	UJ					< 22	U			< 1.2	U	**91.5**		**600**		**13.9**		1.1	B						
ARSENIC	7440-38-2	**19**	mg/kg	8.0		7.2						< 22	UM			6.4		6		< 34.9	UM	**23**		2.1							
BARIUM	7440-39-3	**1300**	mg/kg	101		89.0						< 440	U			48.2		120	*	71.4	*	67.3		38.5							
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.58	U	< 0.60	U					< 11	U			< 0.60	U	< 0.03	U	< 0.2	U	< 0.03	U	< 0.03	U						
CADMIUM	7440-43-9	**1**	mg/kg	< 0.58	U	< 0.60	U					< 11	U			0.78		**1.1**		**1.8**		0.75		0.37	B						
CALCIUM METAL	7440-70-2		mg/kg	37600	J	37900	J					25300				75300		8430		186000		72900		53000							
CHROMIUM	7440-47-3		mg/kg	1550		1470						2000				6600		528		24300		349		27.3							
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg					6.9	J	98				297				< 1.628	U	3230		26.4									
COBALT	7440-48-4	**59**	mg/kg	25.7		9.8						< 110	U			28.1		9		**127**		4.3	B	2.1	B						
COPPER	7440-50-8	**7300**	mg/kg	116	J	49.9	J					< 55	U			52.6		43.2		118		25	*N	30.5	*N						
CYANIDE	57-12-5	**13**	mg/kg																												
IRON	7439-89-6		mg/kg	26500	J	17400	J					11800				31800		19600		57000		22300	*	4400	*						
IRON (FERROUS)	15438-31-0		mg/kg																												
LEAD	7439-92-1	**59**	mg/kg	**120**	**J**	**136**	**J**					< 22	U			31.6		**1530**	***N**	**163**	***N**	55.9	N	35.2	N						
MAGNESIUM	7439-95-4		mg/kg	7360	J	4440	J					< 11000	U			23300		2700	N	46700	N	5660		2200							
MANGANESE	7439-96-5	**42**	mg/kg	**281**	**J**	**264**	**J**					**131**				**290**		**230**	*	**1060**	*	**213**		**118**							
MERCURY	7439-97-6	**0.1**	mg/kg	**0.29**	**J**	**0.36**	**J**			**0.22**				**0.36**				**0.18**		**0.56**		0.04		0.01	B						
MOLYBDENUM	7439-98-7		mg/kg																												
NICKEL	7440-02-0	**31**	mg/kg	**85.8**	**J**	30.7	J					< 88	U			**108**		**37.8**		**505**		13.3		4.3	B						
POTASSIUM	7440-09-7		mg/kg	1150		1160						< 11000	U			< 600	U	590		91.5	B	1160		1060							
SELENIUM	7782-49-2	**7**	mg/kg	< 1.2	U	< 1.2	U					< 22	U			< 1.2	U	0.67		< 0.58	U	1.1		< 0.43	U						
SILVER	7440-22-4	**1**	mg/kg	< 1.2	U	< 1.2	U					< 22	U			**5.9**		**1.5**		< 0.17	U	0.35	B	< 0.12	U						
SODIUM	7440-23-5		mg/kg	1660		1170						< 11000	U			692		211		1200		523		309							
THALLIUM	7440-28-0	**3**	mg/kg	< 1.2	U	< 1.2	U					< 22	UM			< 1.2	U	< 0.33	U	**7**		< 0.38	U	< 0.35	U						
VANADIUM	7440-62-2		mg/kg	62.6	J	51.7	J					162				341		46.9	N	2250	N	29.2	E	11.4	E						
ZINC	7440-66-6	**600**	mg/kg	213		563						46.5				92.7		182		164		73.2	*	29.7	*						

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location			X22		X23		X23		X23		X24		X24		X24		X24		X24	
				Depth interval			1.8 - 2.3 ft		0.5 - 1 ft		0.5 - 1 ft		1.4 - 1.9 ft		1.4 - 1.9 ft		0.4 - 0.9 ft		0.4 - 0.9 ft		1.3 - 2.3 ft		1.3 - 2.3 ft		1.3 - 2.3 ft	
				Sample ID			X22BD1.		X23A0.5		X23A0.5		X23B1.4		X23B1.4		X24A0.4		X24A0.4		X24B1.3		X24B1.3		X24BD1	
				Lab ID			849270		850159		J18129-19		850160		J18129-20		850154		J18129-14		850155		J18129-15		850156	
				Date collected			10/7/2005 8:18:00 AM		10/11/2005 10:45:00 AM		10/11/2005 10:45:00 AM		10/11/2005 10:50:00 AM		10/11/2005 10:50:00 AM		10/11/2005 8:36:00 AM		10/11/2005 8:36:00 AM		10/11/2005 8:40:00 AM		10/11/2005 8:40:00 AM		10/11/2005 8:40:00 AM	
				Sample Type			FD		N		N		N		N		N		N		N		N		FD	
				Depth to Groundwater			4.6		3.9		3.9		3.9		3.9		4		4		4		4		4	
				Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q		R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**5220**					**11400**				**43100**				**10800**				**263000**				**271000**	
ANTIMONY	7440-36-0	**6**	mg/kg	< 0.86	U				5.7				< 4.0	U			1.4				< 18	U			< 17	U
ARSENIC	7440-38-2	**19**	mg/kg	2					6.4				< 4.0	U			3.7				< 18	U			< 17	U
BARIUM	7440-39-3	**1300**	mg/kg	36.8					451				< 80	U			63.8				< 35	U			< 33	U
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.03	U				< 0.57	U			< 2.0	U			**0.64**				< 0.89	U			< 0.83	U
CADMIUM	7440-43-9	**1**	mg/kg	0.33	B				0.90				< 2.0	U			< 0.63	U			< 8.9	U			< 8.3	U
CALCIUM METAL	7440-70-2		mg/kg	46600					29600				96900				3760				12700				14100	
CHROMIUM	7440-47-3		mg/kg	24.4					952				9270				360				4180				2790	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg				900				889				8.59				20.5				30.4			
COBALT	7440-48-4	**59**	mg/kg	2.1	B				13.4				**85.7**				8.0				9.0				15.7	
COPPER	7440-50-8	**7300**	mg/kg	28.3	*N				31.6				41.6				23.2				8.6				8.1	
CYANIDE	57-12-5	**13**	mg/kg																							
IRON	7439-89-6		mg/kg	4140	*				22700				61500				18400				5910				9250	
IRON (FERROUS)	15438-31-0		mg/kg												86.4											
LEAD	7439-92-1	**59**	mg/kg	23.2	N				**933**				58.9				33.4				19.3				21.4	
MAGNESIUM	7439-95-4		mg/kg	2020					9280				30700				4560				5750				8660	
MANGANESE	7439-96-5	**42**	mg/kg	**119**					**305**				**624**				**377**				**57.7**				**83.9**	
MERCURY	7439-97-6	**0.1**	mg/kg	0.01	B		**0.21**				**0.17**				0.08				0.02	B			0.02	B		
MOLYBDENUM	7439-98-7		mg/kg																							
NICKEL	7440-02-0	**31**	mg/kg	4.1	B				**41.9**				**327**				18.7				**32.9**				**59.2**	
POTASSIUM	7440-09-7		mg/kg	956					1170				< 2000	U			1760				< 890	U			< 830	U
SELENIUM	7782-49-2	**7**	mg/kg	< 0.42	U				1.2				< 4.0	U			< 1.3	U			< 18	U			< 17	U
SILVER	7440-22-4	**1**	mg/kg	< 0.12	U				< 1.1	U			< 4.0	U			< 1.3	U			< 1.8	U			< 1.7	U
SODIUM	7440-23-5		mg/kg	285					< 570	U			< 2000	U			< 630	U			< 890	U			866	
THALLIUM	7440-28-0	**3**	mg/kg	< 0.35	U				< 1.1	U			< 4.0	U			< 1.3	U			< 18	UM			< 17	UM
VANADIUM	7440-62-2		mg/kg	10	E				84.7				1130				26.9				1900				2050	
ZINC	7440-66-6	**600**	mg/kg	21.3	*				352				218				48.2				35.3				35.4	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

				Location			X25			X25			X25			X25			X26			X26			X26			X26			X27			X27			X27		
				Depth interval			0 - 0.5 ft			0 - 0.5 ft			0.9 - 1.4 ft			0.9 - 1.4 ft			0.6 - 1.1 ft			0.6 - 1.1 ft			2.1 - 2.5 ft			2.1 - 2.5 ft			0.3 - 0.5 ft			0.3 - 0.8 ft			1 - 1.5 ft		
				Sample ID			X25A0			X25A0			X25B0.9			X25B0.9			X26A0.6			X26A0.6			X26B2.1			X26B2.1			X-27 (0.3-0.5)			X27A0.3			X27B1.0		
				Lab ID			849827			J18129-8			849828			J18129-9			849821			J18129-2			849822			J18129-3			856522			849274			849251		
				Date collected			10/11/2005 11:45:00 AM			10/11/2005 11:45:00 AM			10/11/2005 11:47:00 AM			10/11/2005 11:47:00 AM			10/11/2005 10:25:00 AM			10/11/2005 10:25:00 AM			10/11/2005 10:26:00 AM			10/11/2005 10:26:00 AM			8/27/2007			10/7/2005 9:18:00 AM			10/7/2005 9:22:00 AM		
				Sample Type			N			N			N			N			N			N			N			N			N			N			N		
				Depth to Groundwater			4.6			4.6			4.6			4.6			5.8			5.8			5.8			5.8			4.9			4.9			4.9		
				Excavated																																				
Analyte	CAS-RN	DIGWSSL	Units	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q	R		Q
ALUMINUM	7429-90-5	**3900**	mg/kg				**24800**						**31200**						2670						**15400**						**22700**			**38500**					
ANTIMONY	7440-36-0	**6**	mg/kg				**33.1**						**210**						< 1.1	U					1.4						**459**			**707**					
ARSENIC	7440-38-2	**19**	mg/kg				2.3						< 16	U					1.4						< 1.2	U		**25.1**			13.6			< 42.4	UM				
BARIUM	7440-39-3	**1300**	mg/kg				83.6						< 330	U					< 22	U					36.0			66.1			176			69.7	*				
BERYLLIUM	7440-41-7	**0.5**	mg/kg				< 0.61	U					< 8.2	U					< 0.54	U					< 0.61	U					< 0.17	U		< 0.48	U				
CADMIUM	7440-43-9	**1**	mg/kg				**1.2**						< 8.2	U					< 0.54	U					0.97			0.96			**4.3**			**1.7**					
CALCIUM METAL	7440-70-2		mg/kg				62200						209000						4350						46600						31100			240000					
CHROMIUM	7440-47-3		mg/kg				5350						36800						42.7						5980			3730			9020			28900					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	181						5330									22.2									410			376			609			4280		
COBALT	7440-48-4	**59**	mg/kg				**61.2**						**175**						< 5.4	U					**102**						32.9			**161**					
COPPER	7440-50-8	**7300**	mg/kg				95.3						< 41	U					5.8						32.8						894			108					
CYANIDE	57-12-5	**13**	mg/kg																																					
IRON	7439-89-6		mg/kg				52400						57600						4580						73000						121000			77000					
IRON (FERROUS)	15438-31-0		mg/kg																																					
LEAD	7439-92-1	**59**	mg/kg				**63.1**						< 16	U					4.1						53.2			**899**			**3310**			40.6	*N				
MAGNESIUM	7439-95-4		mg/kg				27000						35700						< 540	U					36900						4780			52000	N				
MANGANESE	7439-96-5	**42**	mg/kg				**558**						**1200**						22.6						**583**						**998**			**1570**	*				
MERCURY	7439-97-6	**0.1**	mg/kg	**0.18**						0.04	B					< 0.003	U					**0.39**						**0.49**			**0.24**			0.01	B				
MOLYBDENUM	7439-98-7		mg/kg																																					
NICKEL	7440-02-0	**31**	mg/kg				**228**						**663**						< 4.3	U					**396**						**177**			**788**					
POTASSIUM	7440-09-7		mg/kg				1180						< 8200	U					< 540	U					< 610	U					1200			16.1	B				
SELENIUM	7782-49-2	**7**	mg/kg				2.1						< 16	U					< 1.1	U					< 2.5	U		< 1.2	U		2			< 0.71	U				
SILVER	7440-22-4	**1**	mg/kg				< 1.2	U					< 16	U					< 1.1	U					< 1.2	U		< 0.61	U		**2.4**			< 0.2	U				
SODIUM	7440-23-5		mg/kg				1000						< 8200	U					< 540	U					1610						421			845					
THALLIUM	7440-28-0	**3**	mg/kg				< 1.2	U					< 16	UM					< 1.1	U					< 2.5	U					< 2.1	U		0.82	B				
VANADIUM	7440-62-2		mg/kg				614						303						10.4						511						62.7	E		254	N				
ZINC	7440-66-6	**600**	mg/kg				183						142						5.9						254						**752**			257					

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location			X28			X28			X28			X28			X29			X29			X29			X29			X29			X3	
				Depth interval			0.3 - 0.8 ft			0.3 - 0.8 ft			1.5 - 2 ft			1.5 - 2 ft			0.5 - 1 ft			0.5 - 1 ft			4 - 4.5 ft			4 - 4.5 ft			6 - 6.2 ft			6 - 6.2 ft			0.6 - 1.1 ft	
				Sample ID			X28A0.3			X28A0.3			X28B1.5			X28B1.5			X29A0.5			X29A0.5			X29B4			X29B4			X29C6			X29C6			X3A0.6	
				Lab ID			J12052-5			J12052-5C			J12052-6			J12052-6C			853431			J18127-14			853432			J18127-15			853433			J18127-16			J11722-8	
				Date collected			10/7/2005 9:35:00 AM			10/7/2005 9:35:00 AM			10/7/2005 9:40:00 AM			10/7/2005 9:40:00 AM			10/21/2005 2:20:00 PM			10/21/2005 2:20:00 PM			10/21/2005 2:25:00 PM			10/21/2005 2:25:00 PM			10/21/2005 2:30:00 PM			10/21/2005 2:30:00 PM			10/5/2005 10:45:00 AM	
				Sample Type			N			N			N			N			N			N			N			N			N			N			N	
				Depth to Groundwater			5.2			5.2			5.2			5.2			6.3			6.3			6.3			6.3			6.3			6.3			4.9	
				Excavated																																		
Analyte	CAS-RN	DIGWSSL	Units		R	Q		R	Q		R	Q		R	Q		R	Q		R	Q		R	Q		R	Q		R	Q		R	Q		R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg		**9650**	**J**					**11200**	**J**								**20600**						**29700**						**35700**			**20400**	
ANTIMONY	7440-36-0	**6**	mg/kg		**13.2**	**J**					< 1.4	UJ								2.1						< 12	U					**14.9**			< 1.2	UJ
ARSENIC	7440-38-2	**19**	mg/kg		7.5						< 1.4	U								6.5						< 12	U					< 14	U		4.7	
BARIUM	7440-39-3	**1300**	mg/kg		62.3						< 28	U								106						< 240	U					< 270	U		50.7	
BERYLLIUM	7440-41-7	**0.5**	mg/kg		< 0.61	U					< 0.71	U								< 0.61	U					< 5.9	U					< 6.8	U		**0.73**	
CADMIUM	7440-43-9	**1**	mg/kg		< 0.61	U					< 0.71	U								1.0						< 5.9	U					< 6.8	U		< 0.59	U
CALCIUM METAL	7440-70-2		mg/kg		37000						62800									66900						61500						192000			75000	
CHROMIUM	7440-47-3		mg/kg		2710						4310									4980						4390						15700			5930	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg					69.4	J					68.8	J		304						326						873							
COBALT	7440-48-4	**59**	mg/kg		27.1	J					**129**	**J**								**122**						**69.5**						**123**			57.1	
COPPER	7440-50-8	**7300**	mg/kg		72.5	J					13.2	J								573						57.0						< 34	U		45.6	
CYANIDE	57-12-5	**13**	mg/kg																																		
IRON	7439-89-6		mg/kg		27500	J					87200	J								97600						52300						83200			55100	
IRON (FERROUS)	15438-31-0		mg/kg																																		
LEAD	7439-92-1	**59**	mg/kg		**221**	**J**					12.3	J								**135**						**203**						25.3			42.9	
MAGNESIUM	7439-95-4		mg/kg		9040						26100									58800						31400						46100			22300	
MANGANESE	7439-96-5	**42**	mg/kg		**266**	**J**					**621**	**J**								**796**						**560**						**961**			**423**	
MERCURY	7439-97-6	**0.1**	mg/kg		**0.58**	**J**					< 0.041	UJ					**0.33**	**N**					**0.22**	**N**					0.04	BN					0.054	
MOLYBDENUM	7439-98-7		mg/kg																																		
NICKEL	7440-02-0	**31**	mg/kg		**93.4**	**J**					**458**	**J**								**431**						**242**						**525**			**246**	
POTASSIUM	7440-09-7		mg/kg		968						< 710	U								< 610	U					< 5900	U					< 6800	U		603	
SELENIUM	7782-49-2	**7**	mg/kg		1.6						2.3									1.9						< 12	U					< 14	U		2.5	
SILVER	7440-22-4	**1**	mg/kg		< 1.2	U					< 1.4	U								**2.9**						< 12	U					< 14	U		< 1.2	U
SODIUM	7440-23-5		mg/kg		667	J					834	J								< 610	U					< 5900	U					< 6800	U		1540	
THALLIUM	7440-28-0	**3**	mg/kg		< 1.2	U					< 1.4	U								< 1.2	U					< 12	UM					< 14	UM		< 1.2	U
VANADIUM	7440-62-2		mg/kg		164	J					457	J								572						492						2910			359	
ZINC	7440-66-6	**600**	mg/kg		147						238									496						339						260			151	

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	X3		X3		X3		X30		X30		X30		X30		X30		X30		X31		X31			
			Depth interval	0.6 - 1.1 ft		1.7 - 2.2 ft		1.7 - 2.2 ft		0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		2 - 2.5 ft		2 - 2.5 ft		0.9 - 1.4 ft		2 - 2.5 ft			
			Sample ID	X3A0.6		X3B1.7		X3B1.7		X30A0.5		X30A0.5		X30B22		X30B22		X30BD22		X30BD22		X31A0.		X31B2.0			
			Lab ID	J11722-8A		J11722-9		J11722-9A		853463		J18130-1		853468		J18130-2		853470		J18130-3		849798		849799			
			Date collected	10/5/2005 10:45:00 AM		10/5/2005 10:50:00 AM		10/5/2005 10:50:00 AM		10/21/2005 1:10:00 PM		10/21/2005 1:10:00 PM		10/21/2005 1:20:00 PM		10/21/2005 1:20:00 PM		10/21/2005 1:20:00 PM		10/21/2005 1:20:00 PM		10/10/2005 9:10:00 AM		10/11/2005 9:12:00 AM			
			Sample Type	N		N		N		N		N		N		N		FD		FD		N		N			
			Depth to Groundwater	4.9		4.9		4.9		4.3		4.3		4.3		4.3		4.3		4.3		5		5			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
ALUMINUM	7429-90-5	**3900**	mg/kg			3290						**22100**				**24100**				**23200**		**5410**					
ANTIMONY	7440-36-0	**6**	mg/kg			< 1.2	UJ					2.4				< 16	U			< 17	U	1.3	B				
ARSENIC	7440-38-2	**19**	mg/kg			3						5.1				< 16	U			< 17	U	4.4					
BARIUM	7440-39-3	**1300**	mg/kg			29.7						109				< 330	U			< 330	U	33.8					
BERYLLIUM	7440-41-7	**0.5**	mg/kg			< 0.62	U					< 0.65	U			< 8.2	U			< 8.3	U	< 0.03	U				
CADMIUM	7440-43-9	**1**	mg/kg			< 0.62	U					**2.6**				< 8.2	U			< 8.3	U	0.29	B				
CALCIUM METAL	7440-70-2		mg/kg			10500						87000				322000				324000		5130					
CHROMIUM	7440-47-3		mg/kg			799						8310				30000				29300		44.8					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	633	J			32.9	J	299				7760				8700				6.47		39.1			
COBALT	7440-48-4	**59**	mg/kg			7.3						**112**				**85.1**				< 83	U	4.2	B				
COPPER	7440-50-8	**7300**	mg/kg			21						54.0				< 41	U			< 42	U	17.1	*N				
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg			13600						85000				46200				44000		11000	*				
IRON (FERROUS)	15438-31-0		mg/kg								R											226					
LEAD	7439-92-1	**59**	mg/kg			4.8						**151**				< 16	U			< 17	U	38.1	N				
MAGNESIUM	7439-95-4		mg/kg			1230						43000				52200				48500		3160					
MANGANESE	7439-96-5	**42**	mg/kg			**46.8**						**711**				**491**				**468**		**144**					
MERCURY	7439-97-6	**0.1**	mg/kg			0.067				**0.21**				< 0.005	U			< 0.006	U			0.08		0.07			
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg			30.1						**457**				**668**				**618**		9.7					
POTASSIUM	7440-09-7		mg/kg			< 620	U					< 650	U			< 8200	U			< 8300	U	662					
SELENIUM	7782-49-2	**7**	mg/kg			1.3						< 1.3	U			< 16	U			< 17	U	0.42	B				
SILVER	7440-22-4	**1**	mg/kg			< 1.2	U					**1.7**				< 16	U			< 17	U	< 0.12	U				
SODIUM	7440-23-5		mg/kg			< 620	U					1560				< 8200	U			< 8300	U	158					
THALLIUM	7440-28-0	**3**	mg/kg			< 1.2	U					< 1.3	U			< 16	UM			< 17	UM	< 0.34	U				
VANADIUM	7440-62-2		mg/kg			27.7						624				220				223		15	E				
ZINC	7440-66-6	**600**	mg/kg			17.5						333				117				116		51	*				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location			X31		X32		X32		X32		X32		X33		X33		X34		X34		X34		X35	
				Depth interval			2 - 2.5 ft		0.8 - 1.3 ft		0.8 - 1.3 ft		1.3 - 1.8 ft		1.3 - 1.8 ft		0.2 - 0.5 ft		0.5 - 1 ft		0.4 - 0.9 ft		1.3 - 1.8 ft		1.3 - 1.8 ft		2 - 2.5 ft	
				Sample ID			X31B2.0		X32A0.8		X32A0.8		X32B1.3		X32B1.3		X33A0.2		X33B0.		X34A0.4		X34B1.3		X34BD1.		X35A2-2	
				Lab ID			J18129-1		J12052-17		J12052-17C		J12052-18		J12052-18C		849855		849255		849791		849792		849793		851698	
				Date collected			10/11/2005 9:12:00 AM		10/7/2005 1:45:00 PM		10/7/2005 1:45:00 PM		10/7/2005 1:50:00 PM		10/7/2005 1:50:00 PM		10/7/2005 10:25:00 AM		10/7/2005 10:28:00 AM		10/10/2005 8:16:00 AM		10/10/2005 8:19:00 AM		10/10/2005 8:19:00 AM		10/17/2005 3:20:00 PM	
				Sample Type			N		N		N		N		N		N		N		N		N		FD		N	
				Depth to Groundwater			5		5.4		5.4		5.4		5.4		4.4		4.4		5.2		5.2		5.2		5.6	
				Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q		R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	**6320**			**6780**	**J**			**16200**	**J**			**16100**		**18200**		3280		**14200**		**14700**					
ANTIMONY	7440-36-0	**6**	mg/kg	2.2			< 1.1	U			3.1	J			**105**		**145**		2	B	**99.7**		**106**					
ARSENIC	7440-38-2	**19**	mg/kg	4.4			2.5				7.2				0.88	B	< 6.1	U	1.4		2.1		< 0.28	U				
BARIUM	7440-39-3	**1300**	mg/kg	33.6			38.7				89.2				168		26.8	*	13.7		118		70.9					
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.50	U		< 0.57	U			< 0.64	U			< 0.61	U	< 0.68	U	0.04	B	< 0.31	U	< 0.31	U				
CADMIUM	7440-43-9	**1**	mg/kg	< 0.50	U		< 0.57	U			< 0.64	U			**2.1**		**2.4**		0.31	B	**1.6**		**1.5**					
CALCIUM METAL	7440-70-2		mg/kg	638			41800				66200				40600		47400		331		27200		33700					
CHROMIUM	7440-47-3		mg/kg	130			853				4630				3740		6170		79.6		3450		3660					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg						38.1	J			454	J	110		121		40.1		394		360		21.7			
COBALT	7440-48-4	**59**	mg/kg	< 5.0	U		11.5	J			**60.8**	**J**			**96.3**		**185**		1.4	B	51.8		**63.4**					
COPPER	7440-50-8	**7300**	mg/kg	21.3			14.3	J			44.1	J			69	*N	44.6		4.2	*N	56.7	*N	36	*N				
CYANIDE	57-12-5	**13**	mg/kg																									
IRON	7439-89-6		mg/kg	12500			13700	J			43400	J			67500		115000		5650	*	49000		46000					
IRON (FERROUS)	15438-31-0		mg/kg												211													
LEAD	7439-92-1	**59**	mg/kg	35.3			19.0	J			**84.1**	**J**			**244**	**N**	28.1	*N	4.9	N	**205**	**N**	**430**	**N**				
MAGNESIUM	7439-95-4		mg/kg	1430			14100				26000				36100		54800	N	246		19800		25000					
MANGANESE	7439-96-5	**42**	mg/kg	**161**			**134**	**J**			**460**	**J**			**630**		**699**	*	11.4		**505**		**468**					
MERCURY	7439-97-6	**0.1**	mg/kg				0.049	J			**0.48**	**J**			**0.22**		0.06		0.004	B	**0.5**		**0.63**		0.03			
MOLYBDENUM	7439-98-7		mg/kg																									
NICKEL	7440-02-0	**31**	mg/kg	10.4			**46.3**	**J**			**258**	**J**			**327**		**760**		1.1	B	**177**		**221**					
POTASSIUM	7440-09-7		mg/kg	792			747				698				473		214	B	461		757		719					
SELENIUM	7782-49-2	**7**	mg/kg	< 1.0	U		< 1.1	U			< 1.3	U			0.51	B	< 0.5	U	< 0.44	U	0.65		0.52	B				
SILVER	7440-22-4	**1**	mg/kg	< 1.0	U		< 1.1	U			< 1.3	U			0.37	B	< 0.15	U	< 0.13	U	0.36	B	0.25	B				
SODIUM	7440-23-5		mg/kg	569			1760	J			1340	J			873		1260		169		513		600					
THALLIUM	7440-28-0	**3**	mg/kg	< 1.0	U		< 1.1	U			< 1.3	U			< 0.37	U	< 0.41	U	< 0.36	U	< 0.38	U	< 0.38	U				
VANADIUM	7440-62-2		mg/kg	16.3			66.7	J			353	J			456	E	624	N	13.4	E	332	E	349	E				
ZINC	7440-66-6	**600**	mg/kg	46.0			63.6				205				333		295		7.3	*	265		261					

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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AECOM

			Location	X35		X36		X36		X36		X36		X36		X36		X36		X36		X37		X37									
			Depth interval	2 - 2.5 ft		0.8 - 1.3 ft		0.8 - 1.3 ft		2 - 2.5 ft		2 - 2.5 ft		2 - 2.5 ft		2 - 2.5 ft		6 - 6.5 ft		6 - 6.5 ft		1.5 - 2 ft		1.5 - 2 ft									
			Sample ID	X35A2-2		X36A0.8		X36A0.8		X36B2-2		X36B2-2		X36BD2		X36BD2		X36C6-6		X36C6-6		X37A1.5		X37A1.5									
			Lab ID	J18134-12		851689		J18134-3		851690		J18134-4		851691		J18134-5		851692		J18134-6		851693		J18134-7									
			Date collected	10/17/2005 3:20:00 PM		10/17/2005 9:15:00 AM		10/17/2005 9:15:00 AM		10/17/2005 9:40:00 AM		10/17/2005 9:40:00 AM		10/17/2005 9:40:00 AM		10/17/2005 9:40:00 AM		10/17/2005 10:15:00 AM		10/17/2005 10:15:00 AM		10/17/2005 11:30:00 AM		10/17/2005 11:30:00 AM									
			Sample Type	N		N		N		N		N		FD		FD		N		N		N		N									
			Depth to Groundwater	5.6		7.3		7.3		7.3		7.3		7.3		7.3		7.3		7.3		4.6		4.6									
			Excavated																														
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q								
ALUMINUM	7429-90-5	**3900**	mg/kg	**7660**				**15600**				**4350**				**5790**				3880				**6150**									
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.0	U			< 1.2	U			< 1.1	U			< 1.1	U			**25.3**				< 1.1	U								
ARSENIC	7440-38-2	**19**	mg/kg	3.6				1.4				4.4				10.1				**19.1**				8.2									
BARIUM	7440-39-3	**1300**	mg/kg	48.7				246				69.1				105				521				110									
BERYLLIUM	7440-41-7	**0.5**	mg/kg	**0.85**				< 0.60	U			< 0.55	U			< 0.53	U			< 0.82	U			< 0.56	U								
CADMIUM	7440-43-9	**1**	mg/kg	< 0.52	U			**2.4**				< 0.55	U			0.60				1.0				< 0.56	U								
CALCIUM METAL	7440-70-2		mg/kg	2320				121000				28200				17400				10600				20800									
CHROMIUM	7440-47-3		mg/kg	365				3600				94.9				268				71.3				26.5									
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			6.32				17.3				9.64				< 1.628	U			< 1.628	U										
COBALT	7440-48-4	**59**	mg/kg	8.0				**83.7**				< 5.5	U			6.5				< 8.2	U			< 5.6	U								
COPPER	7440-50-8	**7300**	mg/kg	22.1				63.2				43.2				74.0				184				65.6									
CYANIDE	57-12-5	**13**	mg/kg																														
IRON	7439-89-6		mg/kg	11700				65800				8640				17300				19600				19000									
IRON (FERROUS)	15438-31-0		mg/kg																			1290											
LEAD	7439-92-1	**59**	mg/kg	32.0				**173**				**141**				**200**				**1680**				**1050**									
MAGNESIUM	7439-95-4		mg/kg	3560				46200				13400				9030				1560				4120									
MANGANESE	7439-96-5	**42**	mg/kg	**250**				**543**				**191**				**370**				**266**				**485**									
MERCURY	7439-97-6	**0.1**	mg/kg			**0.17**				**0.2**				**0.21**				**2.6**				**2.1**											
MOLYBDENUM	7439-98-7		mg/kg																														
NICKEL	7440-02-0	**31**	mg/kg	12.2				**326**				17.9				19.6				15.1				13.8									
POTASSIUM	7440-09-7		mg/kg	1320				< 600	U			698				866				< 820	U			1390									
SELENIUM	7782-49-2	**7**	mg/kg	1.4				**9.8**				< 1.1	U			2.5				6.0				4.3									
SILVER	7440-22-4	**1**	mg/kg	< 1.0	U			< 1.2	U			< 1.1	U			< 1.1	U			< 1.6	U			< 1.1	U								
SODIUM	7440-23-5		mg/kg	< 520	U			709				< 550	U			< 530	U			1020				< 560	U								
THALLIUM	7440-28-0	**3**	mg/kg	< 1.0	U			< 1.2	U			< 1.1	U			< 1.1	U			< 1.6	U			< 1.1	U								
VANADIUM	7440-62-2		mg/kg	30.1				420				45.7				44.0				21.7				24.3									
ZINC	7440-66-6	**600**	mg/kg	91.6				209				220				309				**833**				563									

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	X4		X4		X4		X4		X4		X4		X5		X5		X5		X5		X5	
			Depth interval	0.5 - 1 ft		0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		6 - 6.5 ft		6 - 6.5 ft		0.2 - 0.7 ft		1.7 - 2.2 ft		5.9 - 6.4 ft		6 - 6.5 ft		6 - 6.5 ft	
			Sample ID	X4A0.5		X4A0.5-		X4B2.0		X4B2.0-		X4C6.0		X4C6.0-		X5A0.2		X5B1.7		X5C5.9					
			Lab ID	J11476-27		J11476-27A		J11476-28		J11476-28A		J11476-29		J11476-29A		848657		848659		848661		857262		857263	
			Date collected	10/3/2005 2:40:00 PM		10/3/2005 2:40:00 PM		10/3/2005 2:45:00 PM		10/3/2005 2:45:00 PM		10/3/2005 3:05:00 PM		10/3/2005 3:05:00 PM		10/5/2005 8:50:00 AM		10/5/2005 8:55:00 AM		10/5/2005 9:25:00 AM		8/30/2007 9:30:00 AM		8/30/2007 9:31:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	7.3		7.3		7.3		7.3		7.3		7.3		6.1		6.1		6.1		6.1		6.1	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg	2240				**95400**				**6090**				**4250**	*	**29300**	*	**15600**	*				
ANTIMONY	7440-36-0	**6**	mg/kg	< 1.3	UJ			2.9	J			< 1.1	UJ			**8.6**	*	**1100**	*	**99.1**	*				
ARSENIC	7440-38-2	**19**	mg/kg	2.7				13.1				2.7				10.3	*N	< 40.4	UM	< 0.3	U	5.6		5.4	
BARIUM	7440-39-3	**1300**	mg/kg	< 26	U			31.7				30				10.2		50.1		366		72.3		61.7	
BERYLLIUM	7440-41-7	**0.5**	mg/kg	< 0.65	U			< 0.72	U			**0.64**				**0.54**	B	< 0.18	U	< 0.1	U				
CADMIUM	7440-43-9	**1**	mg/kg	< 0.65	U			< 0.72	U			< 0.56	U			**2.7**		**1.5**		**1.1**		< 0.11	U	< 0.10	U
CALCIUM METAL	7440-70-2		mg/kg	837				94300				1470				6310		280000		7980					
CHROMIUM	7440-47-3		mg/kg	28				8890				574				327	*	37300	*	3180	*	8750		10800	
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg			2.1	J			1350	J			26.2	J	57.4		18700		35.2		4700		5270	
COBALT	7440-48-4	**59**	mg/kg	< 6.5	U			43.9				6				11.5	*	**102**	*	8.4	*				
COPPER	7440-50-8	**7300**	mg/kg	4.7				15.4				8.1				13.4	*	26.7	*	75.9	*				
CYANIDE	57-12-5	**13**	mg/kg																						
IRON	7439-89-6		mg/kg	6810				27100				11700				36600	*	52300	*	20800	*				
IRON (FERROUS)	15438-31-0		mg/kg																						
LEAD	7439-92-1	**59**	mg/kg	4.1				20.3				11.8				9.6		13.4		**292**		**111**		50.8	
MAGNESIUM	7439-95-4		mg/kg	< 650	U			38600				2940				1150	*	28100	*	3190	*				
MANGANESE	7439-96-5	**42**	mg/kg	7.2				**386**				**197**				**67.4**	*N	**729**	*N	**402**	*N				
MERCURY	7439-97-6	**0.1**	mg/kg	< 0.039	U			< 0.043	U			< 0.037	U			0.01	B	0.03	B	**0.46**		**0.16**		0.10	
MOLYBDENUM	7439-98-7		mg/kg																						
NICKEL	7440-02-0	**31**	mg/kg	< 5.2	U			**255**				9.8				11.1		**427**		19.5					
POTASSIUM	7440-09-7		mg/kg	< 650	U			< 720	U			1160				286		107	B	1430					
SELENIUM	7782-49-2	**7**	mg/kg	< 1.3	U			< 1.4	U			< 1.1	U			< 0.46	U	< 2.7	U	0.59	B	< 1.1	U	< 1.1	U
SILVER	7440-22-4	**1**	mg/kg	< 1.3	U			< 1.4	U			< 1.1	U			0.5	B	0.43	B	0.61	B	< 0.38	U	< 0.36	U
SODIUM	7440-23-5		mg/kg	< 650	U			827				1530				159		2790		9110					
THALLIUM	7440-28-0	**3**	mg/kg	< 1.3	U			< 1.4	U			< 1.1	U			< 0.38	U	**4.8**		< 0.41	U				
VANADIUM	7440-62-2		mg/kg	17.5				259				20.8				55.8		242		< 0.19	U				
ZINC	7440-66-6	**600**	mg/kg	5				153				28.6				27.7	*	47.8	*	569	*				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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			Location	X6		X6		X6		X6		X6		X6		X7		X7		X7		X8		X8			
			Depth interval	0 - 0.5 ft		0 - 0.5 ft		0.8 - 1.3 ft		0.8 - 1.3 ft		4 - 4.5 ft		4 - 4.5 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		1.8 - 2.3 ft		0.4 - 0.9 ft		0.4 - 0.9 ft			
			Sample ID	X6A0		X6A0-0.		X6B0.8		X6B0.8-		X6C4		X6C4-4.		X7A0.3		X7AD0.3		X7B1.8		X8A0.4		X8A0.4-			
			Lab ID	J11594-29A		J11594-29		J11594-30		J11594-30A		J11594-31A		J11594-31		848663		848664		848665		J11594-20		J11594-20A			
			Date collected	10/4/2005 1:52:00 PM		10/4/2005 1:52:00 PM		10/4/2005 1:55:00 PM		10/4/2005 1:55:00 PM		10/4/2005 2:06:00 PM		10/4/2005 2:06:00 PM		10/5/2005 10:37:00 AM		10/5/2005 10:37:00 AM		10/5/2005 10:42:00 AM		10/4/2005 11:30:00 AM		10/4/2005 11:30:00 AM			
			Sample Type	N		N		N		N		N		N		N		FD		N		N		N			
			Depth to Groundwater	5.5		5.5		5.5		5.5		5.5		5.5		5.7		5.7		5.7		5.5		5.5			
			Excavated																								
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
ALUMINUM	7429-90-5	**3900**	mg/kg			**5890**		**22700**						**30600**		**26900**	*	**20200**	*	**46100**	*	2150					
ANTIMONY	7440-36-0	**6**	mg/kg			< 1.2	UJ	3.5	J					3.1	J	**173**	*	**172**	*	**953**	*	< 1.1	UJ				
ARSENIC	7440-38-2	**19**	mg/kg			3.2		**56.4**						**22.0**		< 2.9	U	< 2.9	U	< 44.8	UM	1.8					
BARIUM	7440-39-3	**1300**	mg/kg			31.0		140						900		62.2		78.7		79.7		< 23	U				
BERYLLIUM	7440-41-7	**0.5**	mg/kg			< 0.59	U	**0.62**						< 0.71	U	< 0.33	U	< 0.32	U	< 0.5	U	< 0.57	U				
CADMIUM	7440-43-9	**1**	mg/kg			< 0.59	U	< 0.61	U					< 0.71	U	**1.9**		**1.8**		**2.7**		< 0.57	U				
CALCIUM METAL	7440-70-2		mg/kg			21000	J	84600	J					148000	J	63000		61000		257000		7710	J				
CHROMIUM	7440-47-3		mg/kg			1490		8640						7810		5800	*	5880	*	33500	*	159					
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	170	J					629	J	670	J			523		364		8230				4.8	J		
COBALT	7440-48-4	**59**	mg/kg			12.4		55.4						**74.4**		**79.4**	*	**70.9**	*	**175**	*	< 5.7	U				
COPPER	7440-50-8	**7300**	mg/kg			13.9	J	56.0	J					40.3	J	35.8	*	34	*	26.8	*	5.0	J				
CYANIDE	57-12-5	**13**	mg/kg																								
IRON	7439-89-6		mg/kg			9760	J	51900	J					56500	J	58600	*	54300	*	99600	*	7070	J				
IRON (FERROUS)	15438-31-0		mg/kg																								
LEAD	7439-92-1	**59**	mg/kg			38.1	J	**235**	**J**					**65.0**	**J**	55.5		58.9		11.7		7.8	J				
MAGNESIUM	7439-95-4		mg/kg			3760	J	47700	J					40400	J	38600	*	36000	*	48200	*	1910	J				
MANGANESE	7439-96-5	**42**	mg/kg			**156**	**J**	**577**	**J**					**623**	**J**	**469**	***N**	**440**	***N**	**1520**	***N**	28.4	J				
MERCURY	7439-97-6	**0.1**	mg/kg			**0.12**	**J**	0.079	J					< 0.045	UJ	0.07		0.06		0.01	B	< 0.035	UJ				
MOLYBDENUM	7439-98-7		mg/kg																								
NICKEL	7440-02-0	**31**	mg/kg			**53.2**	**J**	**305**	**J**					**323**	**J**	**352**		**320**		**769**		13.0	J				
POTASSIUM	7440-09-7		mg/kg			< 590	U	< 610	U					< 710	U	543		416		101	B	< 570	U				
SELENIUM	7782-49-2	**7**	mg/kg			< 1.2	U	< 2.4	U					< 2.8	U	< 0.49	U	0.54	B	< 7.4	U	< 1.1	U				
SILVER	7440-22-4	**1**	mg/kg			< 1.2	U	< 2.4	U					< 1.4	U	0.65	B	0.59	B	0.81	B	< 1.1	U				
SODIUM	7440-23-5		mg/kg			< 590	U	671						1020		940		926		1280		< 570	U				
THALLIUM	7440-28-0	**3**	mg/kg			< 1.2	U	< 2.4	U					< 2.8	U	< 0.4	U	< 0.39	U	< 0.61	U	< 1.1	U				
VANADIUM	7440-62-2		mg/kg			60.9	J	236	J					378	J	319		318		376		17.8	J				
ZINC	7440-66-6	**600**	mg/kg			58.0		547						232		316	*	430	*	305	*	31.8					

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

			Location	X8		X8		X9		X9		X9					
			Depth interval	1 - 1.5 ft		1 - 1.5 ft		0.5 - 1 ft		1.5 - 2 ft		1.7 - 2.2 ft					
			Sample ID	X8B1		X8B1-1		X9A0.5		X9B1.5		X9C1.7					
			Lab ID	J11594-22A		J11594-22		848670		848671		848672					
			Date collected	10/4/2005 11:37:00 AM		10/4/2005 11:37:00 AM		10/5/2005 11:38:00 AM		10/5/2005 11:46:00 AM		10/5/2005 11:50:00 AM					
			Sample Type	N		N		N		N		N					
			Depth to Groundwater	5.5		5.5		5.1		5.1		5.1					
			Excavated														
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q				
ALUMINUM	7429-90-5	**3900**	mg/kg			**23200**		982	*	**38600**	*	**111000**	*				
ANTIMONY	7440-36-0	**6**	mg/kg			< 1.3	UJ	< 0.83	U*	**171**	*	4.6	B*				
ARSENIC	7440-38-2	**19**	mg/kg			**91.4**		2.4	*N	< 3	U	< 0.35	U				
BARIUM	7440-39-3	**1300**	mg/kg			156		11		16		< 0.98	U				
BERYLLIUM	7440-41-7	**0.5**	mg/kg			**1.5**		< 0.03	U	< 0.68	U	< 0.04	U				
CADMIUM	7440-43-9	**1**	mg/kg			< 0.66	U	0.23	B	**3.1**		0.23	B				
CALCIUM METAL	7440-70-2		mg/kg			51300	J	2320		53400		1050					
CHROMIUM	7440-47-3		mg/kg			3530		17.7	*	5940	*	227	*				
CHROMIUM (HEXAVALENT)	18540-29-9		mg/kg	321	J			5.99		78.9		55.3					
COBALT	7440-48-4	**59**	mg/kg			**103**		1.1	B*	**173**	*	1.7	B*				
COPPER	7440-50-8	**7300**	mg/kg			160	J	2	B*	19.6	*	1.1	B*				
CYANIDE	57-12-5	**13**	mg/kg														
IRON	7439-89-6		mg/kg			107000	J	4360	*	104000	*	814	*				
IRON (FERROUS)	15438-31-0		mg/kg														
LEAD	7439-92-1	**59**	mg/kg			**133**	**J**	2.6		14.4		< 0.25	U				
MAGNESIUM	7439-95-4		mg/kg			35900	J	161	*	61900	*	478	*				
MANGANESE	7439-96-5	**42**	mg/kg			**668**	**J**	**49.8**	***N**	**756**	***N**	8.5	*N				
MERCURY	7439-97-6	**0.1**	mg/kg			**0.18**	**J**	0.01	B	**0.46**		< 0.005	U				
MOLYBDENUM	7439-98-7		mg/kg														
NICKEL	7440-02-0	**31**	mg/kg			**373**	**J**	1	B	**640**		10					
POTASSIUM	7440-09-7		mg/kg			< 660	U	135	B	166	B	35.6	B				
SELENIUM	7782-49-2	**7**	mg/kg			**11.0**		< 0.41	U	< 0.5	U	< 0.58	U				
SILVER	7440-22-4	**1**	mg/kg			< 1.3	U	< 0.12	U	< 0.14	U	< 0.17	U				
SODIUM	7440-23-5		mg/kg			1910		15.7	B	1380		522					
THALLIUM	7440-28-0	**3**	mg/kg			< 1.3	U	< 0.33	U	< 0.41	U	< 0.48	U				
VANADIUM	7440-62-2		mg/kg			372	J	8.6		1140		102					
ZINC	7440-66-6	**600**	mg/kg			315		4.9	*	294	*	13.3	*				

Appendix I2 Table I2-1
Soil Analytical Results - Metals and Cyanide
Compared to NJDEP Default Impact to Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

Sample Type = N indicates normal original sample; FD indicates duplicate sample.

Depth to groundwater based on 2011 groundwater gauging and soil boing logs used to determine the unsaturated zone.

Excavated indicates that the sample has been removed as part of remedial efforts.

Results = R indicates results; Q indicates qualifier

DIGWSSL = NJDEP Default Impact to Groundwater Soil Screening Level.

Bold values indicate a detected result that exceeds the DIGWSSL.

B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument Detection Limit.

E - Indicates that the value is estimated because of the presence of interference.

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

M - Indicates a non-detect result exceeding the most stringent of the NJDEP Residential or Nonresidential Soil Remediation Standards. Qualifiers were not provided where non-detect data exceeded the DIGWSSL.

N - Indicates that the sample recovery is not within control limits.

R - Indicates that the result for this analyte has been rejected.

U - Indicates the analyte was not detected in the sample above the sample reporting limit.

UJ - Indicates the analyte was not detected above the reporting limit and the reporitng limit was approximate.

* - Indicates that the duplicate analysis not within control limits.

A blank result value indicates the analysis was not requested.

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	A4		A4		A4		A6		AA5		B1001		B101		B102		B105		B1201		B1301	
			Depth interval	1.4 - 1.7 ft		5 - 5.5 ft		5 - 5.5 ft		1.5 - 2 ft		3 - 3.5 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft							
			Sample ID	A4S1.4		A4DS5		A4S5.0		A6S-1.5		AA5S-3		B1001-1		B101-1		B102-1		B-105-1		B1201-C		B1301-A							
			Lab ID	666217		666219		666218		668995		669002		664554		663699		663704		663232		664541		664525							
			Date collected	8/21/2003 8:35:00 AM		8/21/2003 8:45:00 AM		8/21/2003 8:40:00 AM		9/2/2003 4:00:00 PM		9/2/2003 6:00:00 PM		8/15/2003		8/12/2003		8/12/2003		8/11/2003		8/15/2003		8/15/2003							
			Sample Type	N		FD		N		N		N		N		N		N		N		N		N							
			Depth to Groundwater	5.2		5.2		5.2		5.4		5.9		4.2		6.7		6.1		4.8		4.4		4.3							
			Excavated																												
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q						
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																												
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																												
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																												
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																												
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																												
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																												
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 1	UM	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	UM	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																												
1,4-DIOXANE	123-91-1		mg/kg																												
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 2	U	< 1.6	U	< 1.5	U	< 1.6	U	< 1.9	U	0.017		< 0.015	U	< 0.02	U	< 0.023	U	< 0.011	U	< 0.014	U						
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 2	U	< 1.6	U	< 1.5	U	< 1.6	U	< 1.9	U	< 0.015	U	< 0.015	U	< 0.02	U	< 0.023	U	< 0.011	U	< 0.014	U						
ACETONE	67-64-1	12	mg/kg	< 4	U	< 3.3	U	< 3	U	< 3.3	U	< 3.7	U	0.065		< 0.029	U	< 0.041	U	0.06		0.036		0.042							
BENZENE	71-43-2	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	**0.0095**		< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 2	U	< 1.6	U	< 1.5	U	< 1.6	U	< 1.9	U	< 0.015	U	< 0.015	U	< 0.02	U	< 0.023	U	< 0.011	U	< 0.014	U						
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 1	UM	< 0.82	UM	< 0.74	UM	< 0.81	UM	< 0.93	UM	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CHLOROBROMOMETHANE	74-97-5		mg/kg																												
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CHLOROETHANE	75-00-3		mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 1	UM	< 0.82	UM	< 0.74	UM	< 0.81	UM	< 0.93	UM	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CHLOROMETHANE	74-87-3		mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	0.0089		< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
CYCLOHEXANE	110-82-7		mg/kg																												
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																												
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
ISOPROPYLBENZENE	98-82-8		mg/kg																												
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
M-DICHLOROBENZENE	541-73-1	12	mg/kg																												
METHYL ACETATE	79-20-9	14	mg/kg																												
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 2	U	< 1.6	U	< 1.5	U	< 1.6	U	< 1.9	U	< 0.015	U	< 0.015	U	< 0.02	U	< 0.023	U	< 0.011	U	< 0.014	U						
METHYLCYLOHEXANE	108-87-2		mg/kg																												
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																												
O-XYLENE	95-47-6	**12**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
TOLUENE	108-88-3	**4**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	0.0082		< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 1	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.93	U	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																												
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 1	UM	< 0.82	UM	< 0.74	UM	< 0.81	UM	< 0.93	UM	< 0.0073	U	< 0.0073	U	< 0.01	U	< 0.012	U	< 0.0057	U	< 0.0068	U						
XYLENES	1330-20-7	**12**	mg/kg	< 1.0	U	< 0.82	U	< 0.74	U	< 0.81	U	< 0.0050	U	< 0.0073	U	< 0.0073	U	< 0.010	U	< 0.012	U	< 0.0057	U	< 0.0068	U						

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B1302		B1303		B1304		B1304A		B1304B		B1304C		B1401		B1402		B1402A		B201		B201					
			Depth interval	1.5 - 2 ft		1.8 - 2.3 ft		1.8 - 2.3 ft		1.8 - 2.3 ft		1.8 - 2.3 ft		1.8 - 2.3 ft		2.3 - 2.8 ft		1.8 - 2.3 ft		1.5 - 2 ft		1 - 1.5 ft		6 - 6.5 ft					
			Sample ID	B1302-c		B1303-b		B1304-1		B1304Aa		B1304B		B1304Cc		B1401-a		B1402-a		B1402Aa		B201-1		B201-6					
			Lab ID	664564		665426		665416		665715		665721		665727		665432		665444		665710		663709		663711					
			Date collected	8/15/2003		8/19/2003		8/19/2003		8/20/2003		8/20/2003		8/20/2003		8/19/2003		8/19/2003		8/20/2003		8/12/2003		8/12/2003					
			Sample Type	N		N		N		N		N		N		N		N		N		N		N					
			Depth to Groundwater	4.6		5.2		5.2		5.2		5.3		5.4		5.5		5.1		5		6.3		6.3					
			Excavated																										
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q				
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																								
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																								
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																								
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																								
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																								
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																								
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	UM				
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																								
1,4-DIOXANE	123-91-1		mg/kg																								
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.013	U	< 0.015	U	< 0.013	U	< 0.013	U	< 0.018	U	< 0.011	U	< 0.014	U	< 0.011	U	< 0.016	U	< 0.015	U	< 1.9	U				
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.013	U	< 0.015	U	< 0.013	U	< 0.013	U	< 0.018	U	< 0.011	U	< 0.014	U	< 0.011	U	< 0.016	U	< 0.015	U	< 1.9	U				
ACETONE	67-64-1	12	mg/kg	< 0.026	U	< 0.03	U	0.03		0.03		< 0.036	U	< 0.022	U	< 0.029	U	< 0.022	U	< 0.031	U	< 0.03	U	< 3.9	U				
BENZENE	71-43-2	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.013	U	< 0.015	U	< 0.013	U	< 0.013	U	< 0.018	U	< 0.011	U	< 0.014	U	< 0.011	U	< 0.016	U	< 0.015	U	< 1.9	U				
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	UM				
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
CHLOROBROMOMETHANE	74-97-5		mg/kg																								
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
CHLOROETHANE	75-00-3		mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	UM				
CHLOROMETHANE	74-87-3		mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
CYCLOHEXANE	110-82-7		mg/kg																								
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																								
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	**24**					
ISOPROPYLBENZENE	98-82-8		mg/kg																								
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	6.3					
M-DICHLOROBENZENE	541-73-1	12	mg/kg																								
METHYL ACETATE	79-20-9	14	mg/kg																								
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.013	U	< 0.015	U	< 0.013	U	< 0.013	U	< 0.018	U	< 0.011	U	< 0.014	U	< 0.011	U	< 0.016	U	< 0.015	U	< 1.9	U				
METHYLCYLOHEXANE	108-87-2		mg/kg																								
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																								
O-XYLENE	95-47-6	**12**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	**13**					
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	**0.0077**		**0.013**		< 0.0076	U	< 0.97	U				
TOLUENE	108-88-3	**4**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	U				
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																								
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.009	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	< 0.97	UM				
XYLENES	1330-20-7	**12**	mg/kg	< 0.0064	U	< 0.0076	U	< 0.0067	U	< 0.0067	U	< 0.0090	U	< 0.0055	U	< 0.0071	U	< 0.0056	U	< 0.0078	U	< 0.0076	U	**19**					

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				B303		B303		B304		B305A		B306C		B307D		B308E		B309D		B310		B311		B313C	
			Location																						
			Depth interval	1.5 - 2 ft		2.5 - 3 ft		1.5 - 2 ft		1 - 1.5 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft	
			Sample ID	B303-1		B303-2		B304-1		B305A-1		B306C1		B307D-1		B308E-1		B309D1		B310-1		B311-1.		B313C-1	
			Lab ID	664020		664032		664021		664022		664327		665087		665127		664339		665076		665081		665090	
			Date collected	8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/14/2003		8/18/2003		8/18/2003		8/14/2003		8/18/2003		8/18/2003		8/18/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.6		5.6		4.3		4.8		5.1		5.8		4.3		5.8		5.3		5.5		6.2	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																						
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																						
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																						
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																						
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																						
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																						
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	UM	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																						
1,4-DIOXANE	123-91-1		mg/kg																						
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.011	U	< 0.011	U	< 0.011	U	< 0.019	U	< 2	U	0.03		< 0.011	U	< 0.023	U	< 0.01	U	< 0.011	U	< 0.012	U
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.011	U	< 0.011	U	< 0.011	U	< 0.019	U	< 2	U	0.03		< 0.011	U	< 0.023	U	< 0.01	U	< 0.011	U	< 0.012	U
ACETONE	67-64-1	12	mg/kg	< 0.021	U	< 0.022	U	< 0.021	U	< 0.038	U	< 4	U	0.06		0.11		0.05		< 0.021	U	< 0.021	U	< 0.023	U
BENZENE	71-43-2	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	**0.15**		< 0.0052	U	< 0.0053	U	< 0.0058	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.011	U	< 0.011	U	< 0.011	U	< 0.019	U	< 2	U	0.03		< 0.011	U	< 0.023	U	< 0.01	U	< 0.011	U	< 0.012	U
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	UM	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CHLOROBROMOMETHANE	74-97-5		mg/kg																						
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CHLOROETHANE	75-00-3		mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	UM	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CHLOROMETHANE	74-87-3		mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
CYCLOHEXANE	110-82-7		mg/kg																						
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																						
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	**11**		< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
ISOPROPYLBENZENE	98-82-8		mg/kg																						
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	**30**		< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
M-DICHLOROBENZENE	541-73-1	12	mg/kg																						
METHYL ACETATE	79-20-9	14	mg/kg																						
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.011	U	< 0.011	U	< 0.011	U	< 0.019	U	< 2	U	0.03		< 0.011	U	< 0.023	U	< 0.01	U	< 0.011	U	< 0.012	U
METHYLCYLOHEXANE	108-87-2		mg/kg																						
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																						
O-XYLENE	95-47-6	**12**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	**19**		< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
TOLUENE	108-88-3	**4**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	**4.4**		< 0.014	U	< 0.0055	U	0.032		< 0.0052	U	< 0.0053	U	< 0.0058	U
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	U	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																						
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	< 0.99	UM	< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U
XYLENES	1330-20-7	**12**	mg/kg	< 0.0053	U	< 0.0055	U	< 0.0053	U	< 0.0096	U	**49**		< 0.014	U	< 0.0055	U	< 0.011	U	< 0.0052	U	< 0.0053	U	< 0.0058	U

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				B401		B401A		B401B		B501		B502		B5S		B6		B601		B7		B701		B802	
			Location																						
			Depth interval	1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		2.5 - 3 ft		2.5 - 3 ft		1.5 - 2 ft		0.5 - 1 ft		1.5 - 2 ft		1.5 - 2 ft	
			Sample ID	B401-1		B401A1a		B401B1a		B501-1		B502-1		B5S-2.5		B6S2.5		B601-1		B7S-.5a		B701-1		B802-1	
			Lab ID	665093		665733		665739		665117		665099		665795		665786		665110		666231		664375		664352	
			Date collected	8/18/2003		8/20/2003		8/20/2003		8/18/2003		8/18/2003		8/20/2003 3:05:00 PM		8/20/2003 2:00:00 PM		8/18/2003		8/21/2003 9:27:00 AM		8/14/2003		8/14/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	6		5.6		5.2		5.3		5.4		6.5		5.6		5.1		5.7		4.3		3.7	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																						
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																						
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																						
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																						
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																						
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																						
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	UM	< 0.013	U	< 0.92	UM	< 0.011	U	< 0.0077	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																						
1,4-DIOXANE	123-91-1		mg/kg																						
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.013	U	< 0.012	U	< 0.015	U	< 0.011	U	< 0.021	U	< 1.4	U	< 1.9	U	< 0.027	U	< 1.8	U	0.028		0.021	
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.013	U	< 0.012	U	< 0.015	U	< 0.011	U	< 0.021	U	< 1.4	U	< 1.9	U	0.03		< 1.8	U	< 0.021	U	< 0.015	U
ACETONE	67-64-1	12	mg/kg	0.03		0.029		< 0.03	U	< 0.023	U	< 0.041	U	< 2.8	U	< 3.8	U	0.099		< 3.7	U	0.15		0.13	
BENZENE	71-43-2	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	**0.07**		< 0.92	U	**0.053**		< 0.0077	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.013	U	< 0.012	U	< 0.015	U	< 0.011	U	< 0.021	U	< 1.4	U	< 1.9	U	< 0.027	U	< 1.8	U	< 0.021	U	< 0.015	U
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	UM	< 0.95	UM	< 0.013	U	< 0.92	UM	< 0.011	U	< 0.0077	U
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
CHLOROBROMOMETHANE	74-97-5		mg/kg																						
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
CHLOROETHANE	75-00-3		mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	UM	< 0.95	UM	< 0.013	U	< 0.92	UM	< 0.011	U	< 0.0077	U
CHLOROMETHANE	74-87-3		mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
CYCLOHEXANE	110-82-7		mg/kg																						
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																						
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	0.019		< 0.92	U	0.013		< 0.0077	U
ISOPROPYLBENZENE	98-82-8		mg/kg																						
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	0.11		< 0.92	U	0.022		< 0.0077	U
M-DICHLOROBENZENE	541-73-1	12	mg/kg																						
METHYL ACETATE	79-20-9	14	mg/kg																						
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.013	U	< 0.012	U	< 0.015	U	< 0.011	U	< 0.021	U	< 1.4	U	< 1.9	U	0.03		< 1.8	U	< 0.021	U	< 0.015	U
METHYLCYLOHEXANE	108-87-2		mg/kg																						
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																						
O-XYLENE	95-47-6	**12**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	0.027		< 0.92	U	< 0.011	U	< 0.0077	U
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	0.057		< 0.92	U	0.013		< 0.0077	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
TOLUENE	108-88-3	**4**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	0.049		< 0.92	U	0.019		< 0.0077	U
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	U	< 0.013	U	< 0.92	U	< 0.011	U	< 0.0077	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																						
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.01	U	< 0.70	U	< 0.95	UM	< 0.013	U	< 0.92	UM	< 0.011	U	< 0.0077	U
XYLENES	1330-20-7	**12**	mg/kg	< 0.0064	U	< 0.0062	U	< 0.0076	U	< 0.0057	U	< 0.010	U	< 0.70	U	< 0.95	U	0.14		< 0.92	U	0.022		< 0.0077	U

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B803		B901		BC8		C4		C5		C6		C7		C9		CHEM-5		CHEM-5	
			Depth interval	1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		2 - 2.5 ft		3 - 3.5 ft		3 - 3.5 ft		0.5 - 1 ft		2.5 - 3 ft		1 - 2 ft		5 - 7 ft	
			Sample ID	B803-1		B901-1		BC8S1		C4S2-2		C5S3-3		C6S-3		C7S-0.5		C9S2.5		CHEM5-1-2		CHEM5-5-7	
			Lab ID	664357		664548		669419		667712		665813		665818		666234		669415		JA74890-5		JA74890-6	
			Date collected	8/14/2003		8/15/2003		9/3/2003 3:10:00 PM		8/27/2003 3:40:00 PM		8/20/2003 11:00:00 AM		8/20/2003 12:20:00 PM		8/21/2003 10:10:00 AM		9/3/2003 1:25:00 PM		5/3/2011 10:05:00 AM		5/3/2011 10:25:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.1		3.9		6.2		5.6		6.2		5.2		5.3		5.8		5.9		5.9	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00017	U	< 0.00016	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJM	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	UM	< 0.00038	U	< 0.00038	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00024	U	< 0.00024	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																	< 0.00073	U	< 0.00072	U
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.67	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00018	U	< 0.00018	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ			< 0.8	U	< 1.8	U	< 0.00086	U	< 0.00085	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																	< 0.00076	U	< 0.00076	U
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																	< 0.00045	U	< 0.00044	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																	< 0.00070	U	< 0.00070	U
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																	< 0.00018	U	< 0.00018	U
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																	< 0.00035	U	< 0.00035	U
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJM	< 0.93	UJM	< 0.98	UJM	< 0.8	U	< 1.8	UM	< 0.00045	U	< 0.00044	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00017	U	< 0.00017	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																	< 0.00044	U	< 0.00043	U
1,4-DIOXANE	123-91-1		mg/kg																	< 0.11	U	< 0.11	U
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.024	U	< 0.014	U	< 1.5	UJ	< 3.1	UJ	< 1.9	UJ	< 2.0	UJ	< 1.6	U	< 3.6	U	< 0.0025	U	< 0.0025	U
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.024	U	< 0.014	U	< 1.5	UJ	< 3.1	UJ	< 1.9	UJ	< 2.0	UJ	< 1.6	U	< 3.6	U	< 0.0010	U	< 0.0010	U
ACETONE	67-64-1	12	mg/kg	0.057		< 0.027	U	< 2.9	UJ	< 6.1	UJ	< 3.7	UJ	< 3.9	UJ	< 3.2	U	< 7.2	U	< 0.0029	U	< 0.0029	U
BENZENE	71-43-2	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	**0.3**	**J**	< 0.93	UJ	< 0.98	UJ	< 0.8	U	**1.4**	**J**	< 0.00044	U	< 0.00044	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJM	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	UM	< 0.00033	U	< 0.00033	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.67	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00052	U	< 0.00052	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.024	U	< 0.014	U	< 1.5	UJ	< 3.1	UJ	< 1.9	UJ	< 2.0	UJ	< 1.6	U	< 3.6	U	< 0.00039	U	< 0.00039	U
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJM	< 1.5	UJM	< 0.93	UJM	< 0.98	UJM	< 0.8	UM	< 1.8	UM	< 0.00072	U	< 0.00071	U
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00044	U	< 0.00044	U
CHLOROBROMOMETHANE	74-97-5		mg/kg																	< 0.00028	U	< 0.00028	U
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00014	U	< 0.00014	U
CHLOROETHANE	75-00-3		mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.67	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.0013	U	< 0.0013	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJM	< 1.5	UJM	< 0.93	UJM	< 0.98	UJM	< 0.8	UM	< 1.8	UM	< 0.00041	U	< 0.00041	U
CHLOROMETHANE	74-87-3		mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00021	U	< 0.00021	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00031	U	< 0.00031	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00017	U	< 0.00017	U
CYCLOHEXANE	110-82-7		mg/kg																	< 0.00020	U	< 0.00019	U
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																	< 0.0012	U	< 0.0012	U
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00029	U	< 0.00029	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	0.44	J	< 0.67	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00048	U	< 0.00048	U
ISOPROPYLBENZENE	98-82-8		mg/kg																	< 0.00067	U	< 0.00067	U
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	2.7	J	0.18	J	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00061	U	0.0017	J
M-DICHLOROBENZENE	541-73-1	12	mg/kg																	< 0.00036	U	< 0.00035	U
METHYL ACETATE	79-20-9	14	mg/kg																	< 0.0011	U	< 0.0011	U
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.024	U	< 0.014	U	< 1.5	UJ	< 3.1	UJ	< 1.3	UJ	< 2.0	UJ	< 1.6	U	< 3.6	U	< 0.0012	U	< 0.0012	U
METHYLCYLOHEXANE	108-87-2		mg/kg																	< 0.00084	U	< 0.00084	U
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																	< 0.00036	U	< 0.00036	U
O-XYLENE	95-47-6	**12**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	1.5	J	< 0.67	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00061	U	0.00088	J
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.67	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00014	U	< 0.00014	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	**1.3**	**J**	**0.2**	**J**	< 0.98	UJ	< 0.8	U	< 1.8	U	0.0047	J	**0.0102**	
TOLUENE	108-88-3	**4**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00038	U	< 0.00038	U
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00058	U	< 0.00058	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00012	U	< 0.00012	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00020	U	< 0.00019	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJ	< 1.5	UJ	< 0.93	UJ	< 0.98	UJ	< 0.8	U	< 1.8	U	< 0.00068	U	< 0.00068	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																	< 0.00030	U	< 0.00029	U
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	UJM	< 1.5	UJM	< 0.93	UJM	< 0.98	UJM	< 0.8	UM	< 1.8	UM	< 0.00023	U	< 0.00023	U
XYLENES	1330-20-7	**12**	mg/kg	< 0.012	U	< 0.0069	U	< 0.73	U	4.2		0.18		< 0.98	U	< 0.80	U	< 1.8	U	< 0.00061	U	0.0026	

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	D10		D10		D4		D4A		D4A		D5		D6		D7		E10		E5A										
			Depth interval	1.5 - 2 ft		4 - 5 ft		1.5 - 2 ft		3 - 3 ft		3 - 3.5 ft		3.5 - 4 ft		1.5 - 2 ft		3 - 3.5 ft		2 - 2.5 ft		0.96 - 1.96 ft										
			Sample ID	D10S1.5		D10S4		D4S1.5		D4A3.0a		D4A3.0D		D5S3.5-		D6S1.5		D7S3.0		E10S2		MWE5A0.										
			Lab ID	666267		689444		667690		J8972-35		J8972-36		665807		669392		666241		666264		J8861-8										
			Date collected	8/21/2003 4:43:00 PM		11/17/2003 1:47:00 PM		8/27/2003 11:25:00 AM		9/7/2005 8:44:00 AM		9/7/2005 8:44:00 AM		8/20/2003 9:20:00 AM		9/3/2003 11:40:00 AM		8/21/2003 2:10:00 PM		8/21/2003 4:05:00 PM		9/6/2005 3:09:00 PM										
			Sample Type	N		N		N		N		FD		N		N		N		N		N										
			Depth to Groundwater	4.5		4.5		3.8		3.8		3.8		4		3.3		4.4		4.9		3.8										
			Excavated															Yes														
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q									
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.098	U	< 0.098	U	< 0.79	UJ	< 1.8	UJ	**1.6**	**J**	< 0.97	U	< 0.074	U									
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJM	< 0.083	U	< 0.083	U	< 0.79	UJ	< 1.8	UJM	< 0.84	U	< 0.97	U	< 0.063	U									
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.12	U	< 0.12	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.09	U									
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																												
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.039	U	< 0.039	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.03	U									
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.059	U	< 0.059	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.045	U									
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																												
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																												
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																												
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																												
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																												
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJM	< 0.046	U	< 0.046	U	< 0.79	UJ	< 1.8	UJM	< 0.84	U	< 0.97	UM	< 0.035	U									
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.1	U	< 0.1	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.077	U									
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																												
1,4-DIOXANE	123-91-1		mg/kg																												
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 1.7	U	< 1.4	U	< 2.7	UJ	< 0.41	U	< 0.41	U	< 1.6	UJ	< 3.7	UJ	< 1.7	U	< 1.9	U	< 0.31	U									
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 1.7	U	< 1.4	U	< 2.7	UJ	< 0.2	U	< 0.2	U	< 1.6	UJ	< 3.7	UJ	< 1.7	U	< 1.9	U	< 0.15	U									
ACETONE	67-64-1	12	mg/kg	< 3.3	U	< 2.8	U	< 5.5	UJ	< 0.31	U	< 0.31	U	< 3.2	UJ	< 7.3	UJ	< 3.4	U	< 3.9	U	< 0.24	U									
BENZENE	71-43-2	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.099	U	< 0.099	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.076	U									
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJM	< 0.03	U	< 0.03	U	< 0.79	UJ	< 1.8	UJM	< 0.84	U	< 0.97	U	< 0.023	U									
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.13	U	< 0.13	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.097	U									
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 1.7	U	< 1.4	U	< 2.7	UJ	< 0.095	U	< 0.095	U			< 3.7	UJ	< 1.7	U	< 1.9	U	< 0.072	U									
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.83	UM	< 0.69	UM	< 1.4	UJM	< 0.1	U	< 0.1	U	< 0.79	UJM	< 1.8	UJM	< 0.84	UM	< 0.97	UM	< 0.076	U									
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.044	U	< 0.044	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.034	U									
CHLOROBROMOMETHANE	74-97-5		mg/kg																												
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.053	U	< 0.053	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.04	U									
CHLOROETHANE	75-00-3		mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.2	U	< 0.2	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.15	U									
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.83	UM	< 0.69	UM	< 1.4	UJM	< 0.055	U	< 0.055	U	< 0.79	UJM	< 1.8	UJM	< 0.84	UM	< 0.97	UM	< 0.042	U									
CHLOROMETHANE	74-87-3		mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.13	U	< 0.13	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.1	U									
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.043	U	< 0.043	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.033	U									
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.034	U	< 0.034	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.026	U									
CYCLOHEXANE	110-82-7		mg/kg																												
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																												
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.037	U	< 0.037	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.028	U									
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.088	U	< 0.088	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.067	U									
ISOPROPYLBENZENE	98-82-8		mg/kg																												
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ					< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U											
M-DICHLOROBENZENE	541-73-1	12	mg/kg																												
METHYL ACETATE	79-20-9	14	mg/kg																												
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 1.7	U	< 1.4	U	< 2.7	UJ	< 0.16	U	< 0.16	U	< 1.6	UJ	< 3.7	UJ	< 1.7	U	< 1.9	U	< 0.12	U									
METHYLCYLOHEXANE	108-87-2		mg/kg																												
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																												
O-XYLENE	95-47-6	**12**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ					< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U											
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.11	U	< 0.11	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.085	U									
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.14	U	< 0.14	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	**1.8**		< 0.1	U									
TOLUENE	108-88-3	**4**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.07	U	< 0.07	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.053	U									
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.065	U	< 0.065	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.05	U									
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.046	U	< 0.046	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.035	U									
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.083	U	< 0.083	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.063	U									
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	UJ	< 0.077	U	< 0.077	U	< 0.79	UJ	< 1.8	UJ	< 0.84	U	< 0.97	U	< 0.058	U									
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																												
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.83	UM	< 0.69	U	< 1.4	UJM	< 0.044	U	< 0.044	U	< 0.79	UJM	< 1.8	UJM	< 0.84	UM	< 0.97	UM	< 0.034	U									
XYLENES	1330-20-7	**12**	mg/kg	< 0.83	U	< 0.69	U	< 1.4	U	< 0.096	U	< 0.096	U	< 0.79	U	< 1.8	U	< 0.84	U	< 0.97	U	< 0.073	U									

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	E7		EF-05		EF-07		EF-07		EF-08		EF-09		EF-11		EF-41		EF-41		EF-42	
			Depth interval	2 - 2.5 ft		2.5 - 3 ft		2.5 - 3 ft		6 - 6.5 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft	
			Sample ID	E7S2-		EF-B05-2.5		EF-B07-2.5		EF-B07-6.0		EF-B08-2.5		EF-B09-2.5		EF-11-2.5		EF-B41-2.5		EF-B41-2.5x		EF-B42-2.5	
			Lab ID	669386		460-25190-11		460-25301-13		460-25350-1		460-25301-17		460-25350-16		460-26239-13		460-25804-27		460-25804-28		460-25804-32	
			Date collected	9/3/2003 8:10:00 AM		4/11/2011 2:40:00 PM		4/13/2011 11:55:00 AM		4/14/2011 9:15:00 AM		4/13/2011 1:30:00 PM		4/14/2011 11:45:00 AM		5/6/2011 3:05:00 PM		4/26/2011 10:50:00 AM		4/26/2011 11:00:00 AM		4/26/2011 1:00:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		FD		N	
			Depth to Groundwater	5.7		4.2		7.1		7.1		6.8		5.7		3.8		5.2		5.2		5.4	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 1.2	U	< 0.00036	U	< 0.059	U	< 0.00021	U	< 0.00023	U	< 0.29	U	< 0.00024	U	< 0.00020	U	< 0.00021	U	< 0.00025	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 1.2	UM	< 0.0014	U	< 0.021	U	< 0.00086	U	< 0.00093	U	< 0.1	U	< 0.00099	U	< 0.00082	U	< 0.00086	U	< 0.0010	UJ
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 1.2	U	< 0.0011	U	< 0.023	U	< 0.00067	U	< 0.00072	U	< 0.12	U	< 0.00077	U	< 0.00064	U	< 0.00067	U	< 0.00079	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg			< 0.00090	U	< 0.068	U	< 0.00054	U	< 0.00058	U	< 0.34	U	< 0.00062	U	< 0.00051	U	< 0.00054	U	< 0.00063	U
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 1.2	U	< 0.00048	U	< 0.024	U	< 0.00028	U	< 0.00031	U	< 0.12	U	< 0.00033	U	< 0.00027	U	< 0.00029	U	< 0.00033	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 1.2	U	< 0.00070	U	< 0.033	U	< 0.00042	U	< 0.00045	U	< 0.17	U	< 0.00048	U	< 0.00040	U	< 0.00042	U	< 0.00049	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg			< 0.0012	U	< 0.2	U	0.0056		< 0.00079	U	< 0.99	U	< 0.00084	U	< 0.00070	U	< 0.00073	U	< 0.00086	UJ
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg			< 0.0010	U	**0.93**		0.049		< 0.00065	U	< 0.52	U	< 0.00070	U	< 0.00058	U	< 0.00061	U	< 0.00071	UJ
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg			< 0.0012	U	< 0.037	U	< 0.00069	U	< 0.00075	U	< 0.18	UM	< 0.00079	U	< 0.00066	U	< 0.00069	U	< 0.00081	UJ
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg			< 0.00098	U	< 0.022	UM	< 0.00058	U	< 0.00063	U	< 0.11	UM	< 0.00067	U	< 0.00056	U	< 0.00059	U	< 0.00069	UJ
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg			< 0.0012	U	2.5		0.22		< 0.00078	U	< 0.19	U	< 0.00083	U	< 0.00069	U	< 0.00072	U	< 0.00084	UJ
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 1.2	UM	< 0.00074	U	< 0.059	U	< 0.00044	U	< 0.00048	U	< 0.29	U	< 0.00051	U	< 0.00042	U	< 0.00044	U	< 0.00052	UJ
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 1.2	U	< 0.00060	U	< 0.021	U	< 0.00036	U	< 0.00039	U	< 0.1	U	< 0.00041	U	< 0.00034	U	< 0.00036	U	< 0.00042	UJ
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg			< 0.0013	U	**4.8**		0.11		< 0.00087	U	< 0.18	U	< 0.00092	U	< 0.00077	U	< 0.00080	U	< 0.00094	UJ
1,4-DIOXANE	123-91-1		mg/kg			< 0.0079	U	< 2	U	< 0.0047	U	< 0.0051	U	< 10	U	< 0.0054	U	< 0.0045	U	< 0.0047	U	< 0.0055	UJ
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 2.5	U	< 0.0011	U	< 0.2	U	0.0050	J	0.0071	J	< 0.98	U	< 0.00074	U	0.0023	J	0.0026	J	< 0.00075	UJ
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 2.5	U	< 0.0014	U	< 0.16	U	< 0.00080	U	< 0.00087	U	< 0.81	U	< 0.00093	U	< 0.00077	U	< 0.00081	U	< 0.00095	UJ
ACETONE	67-64-1	12	mg/kg	< 4.9	U	0.038		< 0.59	U	0.03		0.041		< 3	U	< 0.0048	U	0.027		0.039		0.016	
BENZENE	71-43-2	**0.005**	mg/kg	< 1.2	U	< 0.0014	U	**1.5**		< 0.00083	U	**0.093**		**0.55**	**J**	< 0.00096	U	< 0.00080	U	< 0.00084	U	< 0.00098	UJ
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 1.2	UM	< 0.00058	U	< 0.021	U	< 0.00034	U	< 0.00037	U	< 0.11	U	< 0.00040	U	< 0.00033	U	< 0.00034	U	< 0.00040	UJ
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 1.2	U	< 0.00078	U	< 0.075	U	< 0.00046	U	< 0.00050	U	< 0.37	U	< 0.00053	U	< 0.00044	U	< 0.00046	U	< 0.00054	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 2.5	U	< 0.00088	U	0.36		0.00057	J	< 0.00057	U	< 0.17	U	< 0.00060	U	< 0.00050	U	< 0.00053	U	< 0.00062	UJ
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 1.2	UM	< 0.00019	U	< 0.043	U	< 0.00011	U	< 0.00012	U	< 0.21	U	< 0.00013	U	< 0.00011	U	< 0.00011	U	< 0.00013	UJ
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 1.2	U	< 0.00092	U	**27**		0.029		0.00097	J	< 0.2	U	< 0.00063	U	< 0.00052	U	< 0.00055	U	< 0.00064	UJ
CHLOROBROMOMETHANE	74-97-5		mg/kg			< 0.00051	U	< 0.041	U	< 0.00031	U	< 0.00033	U	< 0.21	U	< 0.00035	U	< 0.00029	U	< 0.00031	U	< 0.00036	UJ
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 1.2	U	< 0.0011	U	< 0.024	U	< 0.00063	U	< 0.00068	U	< 0.12	U	< 0.00073	U	< 0.00060	U	< 0.00063	U	< 0.00074	UJ
CHLOROETHANE	75-00-3		mg/kg	< 1.2	U	< 0.00076	U	< 0.11	U	< 0.00045	U	< 0.00049	U	< 0.53	U	< 0.00052	U	< 0.00043	U	< 0.00045	U	< 0.00053	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 1.2	UM	< 0.00045	U	< 0.037	U	< 0.00027	U	< 0.00029	U	< 0.18	U	< 0.00031	U	< 0.00026	U	< 0.00027	U	< 0.00031	U
CHLOROMETHANE	74-87-3		mg/kg	< 1.2	U	< 0.0012	U	< 0.05	U	< 0.00071	U	< 0.00077	U	< 0.25	U	< 0.00082	U	< 0.00068	U	< 0.00072	U	< 0.00084	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 1.2	U	< 0.00045	U	< 0.046	U	< 0.00027	U	0.00052	J	< 0.23	U	< 0.00031	U	< 0.00025	U	< 0.00027	U	< 0.00031	UJ
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 1.2	U	< 0.00038	U	< 0.024	U	< 0.00023	U	< 0.00025	U	< 0.12	U	< 0.00026	U	< 0.00022	U	< 0.00023	U	< 0.00027	UJ
CYCLOHEXANE	110-82-7		mg/kg			< 0.00042	U	0.95		< 0.00025	U	0.029		< 0.15	U	< 0.00029	U	< 0.00024	U	< 0.00025	U	< 0.00029	UJ
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg			< 0.00077	U	< 0.068	U	< 0.00046	U	< 0.00050	U	< 0.34	U	< 0.00053	U	< 0.00044	U	< 0.00046	U	< 0.00054	U
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 1.2	U	**0.011**		< 0.046	U	0.0011		< 0.00058	U	< 0.23	U	< 0.00061	U	< 0.00051	U	0.00078	J	< 0.00062	UJ
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 1.2	U	0.00092	J	1.9		0.00032	J	0.0020		**270**		< 0.00025	U	< 0.00021	U	< 0.00022	U	< 0.00025	UJ
ISOPROPYLBENZENE	98-82-8		mg/kg			< 0.00049	U	0.91		< 0.00029	U	0.0011	J	56		< 0.00034	U	< 0.00028	U	< 0.00029	U	< 0.00034	U
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 1.2	U	< 0.00088	U	1.3		0.00065	J	0.0030		**540**		< 0.00060	U	< 0.00050	U	< 0.00053	U	< 0.00061	UJ
M-DICHLOROBENZENE	541-73-1	12	mg/kg			< 0.00092	U	1.5		0.04		< 0.00059	U	< 0.27	U	< 0.00063	U	< 0.00052	U	< 0.00055	U	< 0.00064	UJ
METHYL ACETATE	79-20-9	14	mg/kg					< 0.078	U					< 0.39	U								
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 2.5	U	< 0.0032	U	< 0.13	U	< 0.0019	U	< 0.0020	U	< 0.65	U	< 0.0022	U	< 0.0018	U	< 0.0019	U	< 0.0022	UJ
METHYLCYLOHEXANE	108-87-2		mg/kg			< 0.00052	U	2.6		< 0.00031	U	0.037		5.5		< 0.00036	U	< 0.00029	U	< 0.00031	U	< 0.00036	UJ
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg			< 0.00065	U	< 0.044	U	< 0.00039	U	< 0.00042	U	< 0.22	U	< 0.00045	U	< 0.00037	U	< 0.00039	U	< 0.00046	UJ
O-XYLENE	95-47-6	**12**	mg/kg	< 1.2	U	< 0.00065	U	1.2		0.00067	J	0.0034		**290**		< 0.00045	U	< 0.00037	U	< 0.00039	U	< 0.00046	UJ
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 1.2	U	< 0.00066	U	< 0.033	U	< 0.00039	U	< 0.00042	U	< 0.17	U	< 0.00045	U	< 0.00037	U	< 0.00039	U	< 0.00046	UJ
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	**0.38**	**J**	< 0.00063	U	< 0.047	U	< 0.00037	U	< 0.00040	U	< 0.23	U	< 0.00043	U	< 0.00036	U	< 0.00037	U	< 0.00044	UJ
TOLUENE	108-88-3	**4**	mg/kg	< 1.2	U	< 0.00057	U	0.41		< 0.00034	U	0.0039		**13**		< 0.00039	U	< 0.00032	U	< 0.00034	U	< 0.00040	UJ
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 1.2	U	< 0.00054	U	< 0.033	U	< 0.00032	U	< 0.00035	U	< 0.16	U	< 0.00037	U	< 0.00030	U	< 0.00032	U	< 0.00037	UJ
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 1.2	U	< 0.00042	U	< 0.029	U	< 0.00025	U	< 0.00027	U	< 0.15	U	< 0.00029	U	< 0.00024	U	< 0.00025	U	< 0.00029	UJ
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 1.2	U	< 0.0013	U	< 0.024	U	< 0.00079	U	< 0.00086	U	< 0.12	U	< 0.00091	U	< 0.00075	U	< 0.00079	U	< 0.00093	UJ
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 1.2	U	< 0.00069	U	< 0.042	U	< 0.00041	U	< 0.00044	U	< 0.21	U	< 0.00047	U	< 0.00039	U	< 0.00041	U	< 0.00048	UJ
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg			< 0.00049	U	< 0.037	U	< 0.00029	U	< 0.00032	U	< 0.19	U	< 0.00034	U	< 0.00028	U	< 0.00029	U	< 0.00034	U
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 1.2	UM	< 0.00044	U	< 0.029	U	< 0.00026	U	< 0.00029	U	< 0.14	U	< 0.00030	U	< 0.00025	U	< 0.00026	U	< 0.00031	U
XYLENES	1330-20-7	**12**	mg/kg	< 1.2	U																		

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
Location				EF-43		EF-58		F01		F01		F05		G3		G4		G4A		G9		MW1A		MW2A	
Depth interval				2.5 - 3 ft		2.5 - 3 ft		1 - 1.5 ft		3 - 3.5 ft		1 - 1.5 ft		1.5 - 2 ft		1.5 - 2 ft		1.5 - 2 ft		3.5 - 4 ft		2 - 4 ft		1 - 3 ft	
Sample ID				EF-B43-2.5		EF-B58-2.5		F01-1.0		F01S3		F05-1.0		G-3-1.5		G4-1.5		G4A-1.5		G9S3.5		MW1A2		MW2A1-	
Lab ID				460-25899-5		460-27347-6		662007		662008		662172		663218		665402		665746		668382		689705		689073	
Date collected				4/28/2011 12:40:00 PM		6/7/2011 2:15:00 PM		8/5/2003		8/5/2003		8/6/2003		8/11/2003		8/19/2003		8/20/2003		8/29/2003 2:25:00 PM		11/18/2003 2:50:00 PM		11/14/2003 2:15:00 PM	
Sample Type				N		N		N		N		N		N		N		N		N		N		N	
Depth to Groundwater				5.3		5.8		5.4		5.4		3.5		4.5		4.6		4.9		5.5		5.3		6.3	
Excavated																									
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.00019	U	< 0.00020	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.00079	U	< 0.00083	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJM	< 1.1	UM	< 0.77	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.00062	U	< 0.00064	U			< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg	< 0.00050	U	< 0.00052	U																		
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.00026	U	< 0.00027	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.00038	U	< 0.00040	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg	< 0.00067	U	< 0.00070	U																		
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 0.00056	U	< 0.00058	U																		
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg	< 0.00064	U	< 0.00066	U																		
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg	< 0.00054	U	< 0.00056	U																		
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg	< 0.00066	U	< 0.00069	U																		
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.00041	U	< 0.00042	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJM	< 1.1	UM	< 0.77	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.00033	U	< 0.00035	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 0.00074	U	< 0.00077	U																		
1,4-DIOXANE	123-91-1		mg/kg	< 0.0043	U	< 0.0045	U																		
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.00059	U	0.0058	J	< 0.016	U	< 0.014	U	< 0.013	U	< 0.011	U	< 0.016	U	< 0.0097	U	< 3.9	UJ	< 2.3	U	< 1.5	U
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.00074	U	< 0.00078	U	< 0.016	U	< 0.014	U	< 0.013	U	< 0.011	U	< 0.016	U	< 0.0097	U	< 3.9	UJ	< 2.3	U	< 1.5	U
ACETONE	67-64-1	12	mg/kg	0.019		0.043		< 0.032	U	< 0.028	U	0.03		< 0.023	U	< 0.032	U	< 0.019	U	< 7.7	UJ	< 4.6	U	< 3.1	U
BENZENE	71-43-2	**0.005**	mg/kg	< 0.00077	U	< 0.00080	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	**0.13**		< 1.9	UJ	< 1.1	U	< 0.77	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.00032	U	< 0.00033	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJM	< 1.1	UM	< 0.77	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.00043	U	< 0.00044	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.00048	U	< 0.00051	U	< 0.016	U	< 0.014	U	< 0.013	U	< 0.011	U	< 0.016	U	< 0.0097	U	< 3.9	UJ	< 2.3	U	< 1.5	U
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.00011	U	< 0.00011	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJM	< 1.1	UM	< 0.77	UM
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.00050	U	< 0.00052	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
CHLOROBROMOMETHANE	74-97-5		mg/kg	< 0.00028	U	< 0.00029	U																		
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.00058	U	< 0.00061	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
CHLOROETHANE	75-00-3		mg/kg	< 0.00042	U	< 0.00043	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.00025	U	< 0.00026	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJM	< 1.1	UM	< 0.77	UM
CHLOROMETHANE	74-87-3		mg/kg	< 0.00066	U	< 0.00069	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.00025	U	< 0.00026	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.00021	U	< 0.00022	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
CYCLOHEXANE	110-82-7		mg/kg	< 0.00023	U	< 0.00024	U																		
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg	< 0.00042	U	< 0.00044	U																		
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.00049	U	< 0.00051	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.00020	U	< 0.00021	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
ISOPROPYLBENZENE	98-82-8		mg/kg	< 0.00027	U	< 0.00028	U																		
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.00048	U	< 0.00050	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	0.0064		< 1.9	UJ	< 1.1	U	< 0.77	U
M-DICHLOROBENZENE	541-73-1	12	mg/kg	< 0.00051	U	< 0.00053	U																		
METHYL ACETATE	79-20-9	14	mg/kg																						
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.0017	U	< 0.0018	U	< 0.016	U	< 0.014	U	< 0.013	U	< 0.011	U	< 0.016	U	< 0.0097	U	< 3.9	UJ	< 2.3	U	< 1.5	U
METHYLCYLOHEXANE	108-87-2		mg/kg	< 0.00028	U	0.00047	J																		
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg	< 0.00036	U	0.0015																			
O-XYLENE	95-47-6	**12**	mg/kg	< 0.00036	U	< 0.00037	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.00036	U	< 0.00038	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.00034	U	< 0.00036	U	< 0.0081	U	**0.025**		< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	**0.36**	**J**
TOLUENE	108-88-3	**4**	mg/kg	< 0.00031	U	< 0.00032	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	0.026		< 1.9	UJ	< 1.1	U	< 0.77	U
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.00029	U	< 0.00031	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.00023	U	< 0.00024	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.00073	U	< 0.00076	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.00038	U	< 0.00039	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJ	< 1.1	U	< 0.77	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg	< 0.00027	U	< 0.00028	U																		
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.00024	U	< 0.00025	U	< 0.0081	U	< 0.007	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	< 0.0048	U	< 1.9	UJM	< 1.1	UM	< 0.77	UM
XYLENES	1330-20-7	**12**	mg/kg					< 0.0081	U	< 0.0070	U	< 0.0065	U	< 0.0057	U	< 0.0081	U	0.0064		< 1.9	U	< 1.1	U	< 0.77	U

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		MW3B		MW4A		MW4D		MW5A		MW5D		MW6A		MW6AB		MW6AB		MW6AB		MW6D	
				Depth interval		1.5 - 2 ft		2 - 4 ft		1.5 - 2 ft		0 - 2 ft		1 - 1.5 ft		1 - 3 ft		1.62 - 2 ft		2.17 - 2.73 ft		4.17 - 5.17 ft		1 - 1.5 ft	
				Sample ID		MW3B1.5		MW4A2		MW4D1.5		MW5A0-		MW5D-1.		MW6A1-		MW6AB1e		MW6AB2a		MW6AB4b		MW6D-1.	
				Lab ID		664543		689703		665395		688687		663688		688684		J8861-26		J8861-27		J8861-28		664018	
				Date collected		8/15/2003		11/18/2003 8:58:00 AM		8/19/2003		11/13/2003 1:55:00 PM		8/12/2003		11/12/2003 9:40:00 AM		9/6/2005 10:05:00 AM		9/6/2005 10:15:00 AM		9/6/2005 10:31:00 AM		8/13/2003	
				Sample Type		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4.4		5.2		7		4.9		4.3		5.3		5.3		5.3		5.3		7	
				Excavated																					
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	**0.43**	J	**0.519**	J	< 0.13	U	< 0.013	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	UM	< 0.033	U	< 1.6	UM	< 0.071	U	< 0.1	U	< 0.11	U	< 0.013	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.1	U	< 0.14	U	< 0.16	U	< 0.013	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																				
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.033	U	< 0.047	U	< 0.052	U	< 0.013	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.05	U	< 0.071	U	< 0.08	U	< 0.013	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																				
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																				
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																				
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																				
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																				
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.0065	U	< 1	UM	< 0.0074	U	< 1.2	UM	< 0.033	U	< 1.6	UM	< 0.039	U	< 0.056	U	< 0.062	U	< 0.013	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.086	U	< 0.12	U	< 0.14	U	< 0.013	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																				
1,4-DIOXANE	123-91-1		mg/kg																				
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.013	U	< 2.1	U	< 0.015	U	< 2.3	U	< 0.066	U	< 3.2	U	< 0.35	U	< 0.5	U	< 0.55	U	0.03	
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.013	U	< 2.1	U	< 0.015	U	< 2.3	U	< 0.066	U	< 3.2	U	< 0.17	U	< 0.24	U	< 0.27	U	0.03	
ACETONE	67-64-1	12	mg/kg	0.037		< 4.2	U	0.0089		< 4.6	U	0.069		< 6.4	U	< 0.26	U	< 0.37	U	< 0.42	U	0.041	
BENZENE	71-43-2	**0.005**	mg/kg	< 0.0065	U	< 1	U	**0.36**		< 1.2	U	**0.14**		< 1.6	U	< 0.084	U	< 0.12	U	< 0.13	U	< 0.013	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	UM	< 0.033	U	< 1.6	UM	< 0.025	U	< 0.036	U	< 0.04	U	< 0.013	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.11	U	< 0.15	U	< 0.17	U	< 0.013	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.013	U	< 2.1	U	< 0.015	U	< 2.3	U	< 0.066	U	< 3.2	U	< 0.081	U	< 0.11	U	< 0.13	U	0.03	
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.0065	U	< 1	UM	< 0.0074	U	< 1.2	UM	< 0.033	U	< 1.6	UM	< 0.086	U	< 0.12	U	< 0.14	U	< 0.013	U
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.038	U	< 0.053	U	< 0.059	U	< 0.013	U
CHLOROBROMOMETHANE	74-97-5		mg/kg																				
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.045	U	< 0.064	U	< 0.071	U	< 0.013	U
CHLOROETHANE	75-00-3		mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.17	U	< 0.24	U	< 0.27	U	< 0.013	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.0065	U	< 1	UM	< 0.0074	U	< 1.2	UM	< 0.033	U	< 1.6	UM	< 0.047	U	< 0.067	U	< 0.075	U	< 0.013	U
CHLOROMETHANE	74-87-3		mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.11	U	< 0.16	U	< 0.18	U	< 0.013	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.037	U	< 0.052	U	< 0.058	U	< 0.013	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.029	U	< 0.041	U	< 0.046	U	< 0.013	U
CYCLOHEXANE	110-82-7		mg/kg																				
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																				
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.0065	U	< 1	U	0.003		< 1.2	U	< 0.033	U	< 1.6	U	< 0.031	U	< 0.044	U	< 0.05	U	< 0.013	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.0065	U	< 1	U	0.0065		< 1.2	U	0.031		< 1.6	U	< 0.074	U	< 0.11	U	< 0.12	U	0.029	
ISOPROPYLBENZENE	98-82-8		mg/kg																				
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.0065	U	< 1	U	0.039		< 1.2	U	0.049		< 1.6	U							0.32	
M-DICHLOROBENZENE	541-73-1	12	mg/kg																				
METHYL ACETATE	79-20-9	14	mg/kg																				
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.013	U	< 2.1	U	< 0.015	U	< 2.3	U	< 0.066	U	< 3.2	U	< 0.13	U	< 0.19	U	< 0.21	U	0.03	
METHYLCYLOHEXANE	108-87-2		mg/kg																				
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																				
O-XYLENE	95-47-6	**12**	mg/kg	< 0.0065	U	< 1	U	0.015		< 1.2	U	0.017		< 1.6	U							0.024	
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.0065	U	< 1	U	0.0099		< 1.2	U	< 0.033	U	< 1.6	U	< 0.095	U	< 0.13	U	< 0.15	U	< 0.013	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	**110**		< 0.12	U	**0.163**	J	< 0.18	U	**0.032**	
TOLUENE	108-88-3	**4**	mg/kg	< 0.0065	U	0.38	J	0.19		< 1.2	U	0.021		< 1.6	U	< 0.059	U	< 0.084	U	< 0.094	U	< 0.013	U
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.055	U	< 0.078	U	< 0.088	U	< 0.013	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.039	U	< 0.055	U	< 0.062	U	< 0.013	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.07	U	< 0.099	U	< 0.11	U	< 0.013	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.0065	U	< 1	U	< 0.0074	U	< 1.2	U	< 0.033	U	< 1.6	U	< 0.065	U	< 0.092	U	< 0.1	U	< 0.013	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																				
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.0065	U	< 1	UM	< 0.0074	U	< 1.2	UM	< 0.033	U	< 1.6	UM	< 0.038	U	< 0.053	U	< 0.059	U	< 0.013	U
XYLENES	1330-20-7	**12**	mg/kg	< 0.0065	U	< 1.0	U	0.054		< 1.2	U	0.066		< 1.6	U	< 0.081	U	< 0.12	U	< 0.13	U	0.34	

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	MW6D		MW6D		MW7A		MW8A		OSB-5		OSB-5		OSB-5		OSB-5		OSB-9		OSB-9	
			Depth interval	6 - 6.5 ft		6 - 6.5 ft		0 - 2 ft		0 - 2 ft		0.4 - 1.4 ft		2 - 2.5 ft		5 - 5.5 ft		5 - 5.5 ft		5 - 6.3 ft		5 - 6.3 ft	
			Sample ID	MW6D-6.		MW6DD-6		MW7A0-2		MW8A0		OSB5AD (0.4-1.4)		OSB5B (2.0-2.5)		OSB5C_5.0-5.5		OSB5CD_5.0-5.5		114-XOSB9C(5-6.3)		114-XOSB9CD(5-6.3)	
			Lab ID	664028		664029		688685		689071		801301		801302		801493		801494		J41625-1		J41625-3	
			Date collected	8/13/2003		8/13/2003		11/12/2003 3:55:00 PM		11/14/2003 12:40:00 PM		1/19/2007 10:33:00 AM		1/19/2007 10:47:00 AM		1/22/2007 1:33:00 PM		1/22/2007 1:35:00 PM		9/20/2006 8:35:00 AM		9/20/2006 8:40:00 AM	
			Sample Type	N		FD		N		N		N		N		N		FD		N		FD	
			Depth to Groundwater	7		7		3.5		5.7		5.6		5.6		5.6		5.6		5.2		5.2	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	UM												
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																				
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																				
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																				
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																				
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																				
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																				
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJM	< 1.1	UM												
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																				
1,4-DIOXANE	123-91-1		mg/kg																				
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.015	U	< 0.016	U	< 1.9	UJ	< 2.2	U												
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.015	U	< 0.016	U	< 1.9	UJ	< 2.2	U												
ACETONE	67-64-1	12	mg/kg	0.011		0.0093		< 3.9	UJ	< 4.5	U												
BENZENE	71-43-2	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U									< 0.00051	U	< 0.00052	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	UM												
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.015	U	< 0.016	U	< 1.9	UJ	< 2.2	U												
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJM	< 1.1	UM												
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
CHLOROBROMOMETHANE	74-97-5		mg/kg																				
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
CHLOROETHANE	75-00-3		mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJM	< 1.1	UM												
CHLOROMETHANE	74-87-3		mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
CYCLOHEXANE	110-82-7		mg/kg																				
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																				
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
ISOPROPYLBENZENE	98-82-8		mg/kg																				
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
M-DICHLOROBENZENE	541-73-1	12	mg/kg																				
METHYL ACETATE	79-20-9	14	mg/kg																				
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.015	U	< 0.016	U	< 1.9	UJ	< 2.2	U												
METHYLCYLOHEXANE	108-87-2		mg/kg																				
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																				
O-XYLENE	95-47-6	**12**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	U	< 1.1	U	< 0.0012	U	< 0.001	U	< 0.0012	U	< 0.0016	U				
TOLUENE	108-88-3	**4**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJ	< 1.1	U												
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																				
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	UJM	< 1.1	UM												
XYLENES	1330-20-7	**12**	mg/kg	< 0.0074	U	< 0.0078	U	< 0.97	U	< 1.1	U												

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

			Location	PSEG-SB62		PSEG-SB67		SB1		SB1		SB12		SB12		SB16		SB16		SB16		SB17	
			Depth interval	1.5 - 2 ft		1.5 - 2 ft		0.5 - 1 ft		4 - 4.5 ft		1 - 1.5 ft		4 - 4.5 ft		0 - 0.5 ft		1.5 - 2 ft		3.5 - 4 ft		1 - 1.5 ft	
			Sample ID	1		3		SB1-0.5		SB1-4.0		SB12-1		SB12-4		SB16-0		SB16-1		SB16-3		SB17-1	
			Lab ID	854412		856779		10155-001		10155-002		10275-003		10275-004		10363-003		10363-003		10363-004		10431-009	
			Date collected	8/17/2007		8/28/2007		11/10/2003 9:50:00 AM		11/10/2003 10:15:00 AM		11/13/2003 11:05:00 AM		11/13/2003 11:15:00 AM		11/14/2003 3:20:00 PM		11/14/2003 1:20:00 PM		11/14/2003 1:30:00 PM		11/18/2003 3:00:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.1		5.3		4.7		4.7		6.4		6.4		5.5		5.5		5.5		5.4	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.17	U	< 0.0016	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.50	U	< 0.0046	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.34	U	< 0.0031	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg					< 0.603	UM	< 0.625	UM	< 0.577	UM	< 0.675	UM			< 0.652	UM	< 0.799	UM	< 0.81	UM
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg					< 0.603	UM	< 0.625	UM	< 0.577	UM	< 0.675	UM			< 0.652	UM	< 0.799	UM	< 0.81	UM
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.34	U	< 0.0031	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.17	U	< 0.0016	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
1,4-DIOXANE	123-91-1		mg/kg																				
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.84	U	< 0.0078	U	< 1.21	U	< 1.25	U	< 1.15	U	< 1.35	U			< 1.3	U	< 1.6	U	< 1.62	U
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.84	U	< 0.0078	U	< 1.21	U	< 1.25	U	< 1.15	U	< 1.35	U			< 1.3	U	< 1.6	U	< 1.62	U
ACETONE	67-64-1	12	mg/kg	< 0.84	U	0.062	B	< 1.21	U	< 1.25	U	< 1.15	U	< 1.35	U			< 1.3	U	< 1.6	U	< 1.62	U
BENZENE	71-43-2	**0.005**	mg/kg	**0.27**		< 0.0016	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.17	U	< 0.0016	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.34	U	< 0.0031	U	< 0.603	UM	< 0.625	UM	< 0.577	U	< 0.675	UM			< 0.652	UM	< 0.799	UM	< 0.81	UM
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CHLOROBROMOMETHANE	74-97-5		mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CHLOROETHANE	75-00-3		mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.84	UM	< 0.0078	U	< 0.603	UM	< 0.625	UM	< 0.577	U	< 0.675	UM			< 0.652	UM	< 0.799	UM	< 0.81	UM
CHLOROMETHANE	74-87-3		mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
CYCLOHEXANE	110-82-7		mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U	< 0.652	U			< 0.799	U	< 0.81	U
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.50	U	0.0068	B	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	1.2		< 0.0062	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
ISOPROPYLBENZENE	98-82-8		mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
M-DICHLOROBENZENE	541-73-1	12	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
METHYL ACETATE	79-20-9	14	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.84	U	< 0.0078	U	< 1.21	U	< 1.25	U	< 1.15	U	< 1.35	U			< 1.3	U	< 1.6	U	< 1.62	U
METHYLCYLOHEXANE	108-87-2		mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
O-XYLENE	95-47-6	**12**	mg/kg																				
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.17	U	< 0.0016	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			**1.79**		< 0.799	U	< 0.81	U
TOLUENE	108-88-3	**4**	mg/kg	< 0.84	U	0.0008	J	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.84	U	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.67	U	< 0.0062	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.17	U	0.0006	J	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg					< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	U	< 0.81	U
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.84	UM	< 0.0078	U	< 0.603	U	< 0.625	U	< 0.577	U	< 0.675	U			< 0.652	U	< 0.799	UM	< 0.81	UM
XYLENES	1330-20-7	**12**	mg/kg	< 0.84	U	< 0.0078	U	< 0.60	U	< 0.63	U	< 0.58	U	< 0.68	U			< 0.65	U	< 0.80	U	< 0.81	U

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

			Location	SB18		SB19		SB19		SB2		SB20		SB21		SB22		SB4		SB5		TT108	
			Depth interval	1 - 1.5 ft		0.5 - 1 ft		2.5 - 3 ft		1 - 1.5 ft		1 - 1.5 ft		1.5 - 2 ft		1 - 1.5 ft		2 - 2.5 ft		1 - 1.5 ft		4 - 4.5 ft	
			Sample ID	SB18-1		SB19-.5		SB19-2.		SB2-1.0		SB20-1		SB21-1		SB22-1		SB4-2.0		SB5-1.0		TT-108	
			Lab ID	10275-006		10392-002		10392-003		10155-004		10363-009		10468-002		10431-004		10170-003		10170-001		662002	
			Date collected	11/13/2003 3:00:00 PM		11/17/2003 3:00:00 PM		11/17/2003 3:10:00 PM		11/10/2003 2:05:00 PM		11/14/2003 2:40:00 PM		11/19/2003 9:25:00 AM		11/18/2003 1:35:00 PM		11/11/2003 1:40:00 PM		11/11/2003 8:30:00 AM		8/5/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.8		5		5		5.5		5		5.3		4.5		3.6		3.5		4.3	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg	< 0.855	UM	< 0.69	UM	< 0.768	UM	< 0.504	UM	< 0.631	UM	< 0.884	UM	< 0.898	UM	< 0.701	UM	< 0.72	UM		
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg	< 0.855	UM	< 0.69	UM	< 0.768	UM	< 0.504	UM	< 0.631	UM	< 0.884	UM	< 0.898	UM	< 0.701	UM	< 0.72	UM		
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
1,4-DIOXANE	123-91-1		mg/kg																				
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 1.71	U	< 1.38	U	< 1.54	U	< 1.01	U	< 1.26	U	< 1.77	U	< 1.8	U	< 1.4	U	< 1.44	U	< 0.013	U
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 1.71	U	< 1.38	U	< 1.54	U	< 1.01	U	< 1.26	U	< 1.77	U	< 1.8	U	< 1.4	U	< 1.44	U	< 0.013	U
ACETONE	67-64-1	12	mg/kg	< 1.71	U	< 1.38	U	< 1.54	U	< 1.01	U	< 1.26	U	< 1.77	U	< 1.8	U	< 1.4	U	< 1.44	U	< 0.025	U
BENZENE	71-43-2	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	**0.24**	
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.013	U
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.855	UM	< 0.69	UM	< 0.768	UM	< 0.504	U	< 0.631	UM	< 0.884	UM	< 0.898	UM	< 0.701	UM	< 0.72	UM	< 0.0063	U
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
CHLOROBROMOMETHANE	74-97-5		mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
CHLOROETHANE	75-00-3		mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.855	UM	< 0.69	UM	< 0.768	UM	< 0.504	U	< 0.631	UM	< 0.884	UM	< 0.898	UM	< 0.701	UM	< 0.72	UM	< 0.0063	U
CHLOROMETHANE	74-87-3		mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
CYCLOHEXANE	110-82-7		mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	0.033	
ISOPROPYLBENZENE	98-82-8		mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	0.024	
M-DICHLOROBENZENE	541-73-1	12	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
METHYL ACETATE	79-20-9	14	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 1.71	U	< 1.38	U	< 1.54	U	< 1.01	U	< 1.26	U	< 1.77	U	< 1.8	U	< 1.4	U	< 1.44	U	< 0.013	U
METHYLCYLOHEXANE	108-87-2		mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
O-XYLENE	95-47-6	**12**	mg/kg																			0.027	
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.855	U	**0.565**	**J**	< 0.768	U	< 0.504	U	**0.785**		< 0.884	U	**0.259**	**J**	< 0.701	U	< 0.72	U	< 0.0063	U
TOLUENE	108-88-3	**4**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	0.014	
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U	< 0.0063	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg	< 0.855	U	< 0.69	U	< 0.768	U	< 0.504	U	< 0.631	U	< 0.884	U	< 0.898	U	< 0.701	U	< 0.72	U		
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.855	UM	< 0.69	U	< 0.768	UM	< 0.504	U	< 0.631	U	< 0.884	UM	< 0.898	UM	< 0.701	UM	< 0.72	UM	< 0.0063	U
XYLENES	1330-20-7	**12**	mg/kg	< 0.86	U	< 0.69	U	< 0.77	U	< 0.50	U	< 0.63	U	< 0.88	U	< 0.90	U	< 0.70	U	< 0.72	U	0.051	

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		TT109		TT109		TT110		TT110		TT112		TT114		TT114		TT1305		TT1308		TT315	
				Depth interval		1 - 1.5 ft		4 - 4.5 ft		1.5 - 2 ft		4 - 4.5 ft		6 - 6.5 ft		1.5 - 2 ft		3 - 3.5 ft		1.5 - 2 ft		1.5 - 2 ft		1 - 1.5 ft	
				Sample ID		TT-109		TT-109		TT110-1		TT110-4		TT112-6		TT114-1		TT114-3		TT1305		TT1308-		TT315-1	
				Lab ID		662004		662003		662014		662009		662167		662015		662012		662644		662676		662169	
				Date collected		8/5/2003		8/5/2003		8/5/2003		8/5/2003		8/6/2003		8/5/2003		8/5/2003		8/7/2003		8/7/2003		8/6/2003	
				Sample Type		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		4.3		4.3		4.7		4.7		6.6		6.5		6.5		4.4		4.3		6.7	
				Excavated																					
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	UM	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg																				
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg																				
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																				
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg																				
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg																				
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg																				
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	UM	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																				
1,4-DIOXANE	123-91-1		mg/kg																				
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.015	U	< 1.5	U	< 0.012	U	< 3.3	U	< 5.2	U	< 0.01	U	< 1	U	< 0.011	U	< 0.019	U	< 1.2	U
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.015	U	< 1.5	U	< 0.012	U	< 3.3	U	< 5.2	U	< 0.01	U	< 1	U	< 0.011	U	< 0.019	U	< 1.2	U
ACETONE	67-64-1	12	mg/kg	0.049		< 3.1	U	0.029		< 6.6	U	< 10	U	< 0.02	U	< 2.1	U	< 0.022	U	0.04		< 2.4	U
BENZENE	71-43-2	**0.005**	mg/kg	**0.019**		**12**		< 0.0059	U	**5.6**		**9.6**		**0.015**		**8**		< 0.0055	U	< 0.0097	U	< 0.6	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	UM	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.015	U	< 1.5	U	< 0.012	U	< 3.3	U	< 5.2	U	< 0.01	U	< 1	U	< 0.011	U	< 0.019	U	< 1.2	U
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.0076	U	< 0.77	UM	< 0.0059	U	< 1.6	UM	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CHLOROBROMOMETHANE	74-97-5		mg/kg																				
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CHLOROETHANE	75-00-3		mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.0076	U	< 0.77	UM	< 0.0059	U	< 1.6	UM	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CHLOROMETHANE	74-87-3		mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
CYCLOHEXANE	110-82-7		mg/kg																				
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg																				
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	0.013		**27**		0.0068		**47**		**22**		< 0.005	U	6.5		0.012		< 0.0097	U	2.3	
ISOPROPYLBENZENE	98-82-8		mg/kg																				
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	0.0097		**20**		< 0.0059	U	**55**		< 2.6	U	< 0.005	U	0.74		< 0.0055	U	< 0.0097	U	0.79	
M-DICHLOROBENZENE	541-73-1	12	mg/kg																				
METHYL ACETATE	79-20-9	14	mg/kg																				
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.015	U	< 1.5	U	< 0.012	U	< 3.3	U	< 5.2	U	< 0.01	U	< 1	U	< 0.011	U	< 0.019	U	< 1.2	U
METHYLCYLOHEXANE	108-87-2		mg/kg																				
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg																				
O-XYLENE	95-47-6	**12**	mg/kg	< 0.0076	U	12		< 0.0059	U	**27**		6.7		< 0.005	U	1.4		< 0.0055	U	< 0.0097	U	1.9	
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	**4.7**		< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	**0.06**		< 0.6	U
TOLUENE	108-88-3	**4**	mg/kg	< 0.0076	U	**6.6**		< 0.0059	U	**20**		< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.0076	U	< 0.77	U	< 0.0059	U	< 1.6	U	< 2.6	U	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg																				
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.0076	U	< 0.77	UM	< 0.0059	U	< 1.6	UM	< 2.6	UM	< 0.005	U	< 0.51	U	< 0.0055	U	< 0.0097	U	< 0.6	U
XYLENES	1330-20-7	**12**	mg/kg	0.0097		**32**		< 0.0059	U	**82**		6.7		< 0.0050	U	2.1		< 0.0055	U	< 0.0097	U	2.7	

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

				TT315		TT316		TT317		TT319		TT703	
			Location	TT315		TT316		TT317		TT319		TT703	
			Depth interval	3 - 3.5 ft		4 - 4.5 ft		2 - 2.5 ft		0 - 0.5 ft		1.5 - 2 ft	
			Sample ID	TT315-3		TT316-4		TT317-2		TT319-0		TT703-1	
			Lab ID	662168		662171		662170		662635		662674	
			Date collected	8/6/2003		8/6/2003		8/6/2003		8/7/2003		8/7/2003	
			Sample Type	N		N		N		N		N	
			Depth to Groundwater	6.7		5.6		5.2		4		4.5	
			Excavated										
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q
1,1,1-TRICHLOROETHANE	71-55-6	**0.2**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
1,1,2,2-TETRACHLOROETHANE	79-34-5	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
1,1,2-TRICHLOROETHANE	79-00-5	**0.01**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
1,1,2-TRICHLOROTRIFLUOROETHANE	76-13-1		mg/kg										
1,1-DICHLOROETHANE	75-34-3	**0.2**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
1,1-DICHLOROETHYLENE	75-35-4	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
1,2,3-TRICHLOROBENZENE	87-61-6		mg/kg										
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg										
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	**0.005**	mg/kg										
1,2-DIBROMOETHANE(EDB)	106-93-4	**0.005**	mg/kg										
1,2-DICHLOROBENZENE	95-50-1	11	mg/kg										
1,2-DICHLOROETHANE	107-06-2	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
1,2-DICHLOROPROPANE	78-87-5	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg										
1,4-DIOXANE	123-91-1		mg/kg										
2-BUTANONE (MEK)	78-93-3	**0.6**	mg/kg	< 0.011	U	< 0.016	U	< 0.012	U	< 0.015	U	< 0.013	U
4-METHYL-2-PENTANONE (MIBK)	108-10-1		mg/kg	< 0.011	U	< 0.016	U	< 0.012	U	< 0.015	U	< 0.013	U
ACETONE	67-64-1	12	mg/kg	< 0.023	U	< 0.032	U	< 0.024	U	< 0.03	U	0.03	
BENZENE	71-43-2	**0.005**	mg/kg	< 0.0057	U	**0.27**		< 0.0059	U	< 0.0074	U	< 0.0063	U
BROMODICHLOROMETHANE	75-27-4	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
BROMOMETHANE	74-83-9	**0.03**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CARBON DISULFIDE	75-15-0	**4**	mg/kg	< 0.011	U	< 0.016	U	< 0.012	U	< 0.015	U	< 0.013	U
CARBON TETRACHLORIDE	56-23-5	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CHLOROBENZENE	108-90-7	**0.4**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CHLOROBROMOMETHANE	74-97-5		mg/kg										
CHLORODIBROMOMETHANE	124-48-1	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CHLOROETHANE	75-00-3		mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CHLOROFORM	67-66-3	**0.2**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CHLOROMETHANE	74-87-3		mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CIS-1,2-DICHLOROETHENE	156-59-2	**0.2**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
CYCLOHEXANE	110-82-7		mg/kg										
DICHLORODIFLUOROMETHANE	75-71-8	25	mg/kg										
DICHLOROMETHANE	75-09-2	**0.007**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
ETHYLBENZENE	100-41-4	**8**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
ISOPROPYLBENZENE	98-82-8		mg/kg										
M+P-XYLENE	M+P-XYLENE	**12**	mg/kg	< 0.0057	U	0.033		< 0.0059	U	< 0.0074	U	< 0.0063	U
M-DICHLOROBENZENE	541-73-1	12	mg/kg										
METHYL ACETATE	79-20-9	14	mg/kg										
METHYL N-BUTYL KETONE	591-78-6		mg/kg	< 0.011	U	< 0.016	U	< 0.012	U	< 0.015	U	< 0.013	U
METHYLCYLOHEXANE	108-87-2		mg/kg										
METHYL-TERT-BUTYL ETHER	1634-04-4	**0.2**	mg/kg										
O-XYLENE	95-47-6	**12**	mg/kg	< 0.0057	U	0.088		< 0.0059	U	< 0.0074	U	< 0.0063	U
STYRENE (MONOMER)	100-42-5	**2**	mg/kg	< 0.0057	U	0.015		< 0.0059	U	< 0.0074	U	< 0.0063	U
TETRACHLOROETHENE	127-18-4	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
TOLUENE	108-88-3	**4**	mg/kg	< 0.0057	U	0.027		< 0.0059	U	< 0.0074	U	< 0.0063	U
TRANS-1,2-DICHLOROETHENE	156-60-5	**0.4**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
TRIBROMOMETHANE	75-25-2	**0.02**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
TRICHLOROETHYLENE	79-01-6	**0.007**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
TRICHLOROFLUOROMETHANE	75-69-4	22	mg/kg										
VINYL CHLORIDE	75-01-4	**0.005**	mg/kg	< 0.0057	U	< 0.0081	U	< 0.0059	U	< 0.0074	U	< 0.0063	U
XYLENES	1330-20-7	**12**	mg/kg	< 0.0057	U	0.12		< 0.0059	U	< 0.0074	U	< 0.0063	U

Appendix I2 Table I2-2
Soil Analytical Results - VOCs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

Sample Type = N indicates normal original sample; FD indicates duplicate sample.

Depth to groundwater based on 2011 groundwater gauging and soil boing logs used to determine the unsaturated zone.

Excavated indicates that the sample has been removed as part of remedial efforts.

Results = R indicates results; Q indicates qualifier

DIGWSSL = NJDEP Default Impact to Groundwater Soil Screening Level.

Bold values indicate a detected result that exceeds the DIGWSSL.

B - Indicates that the analyte was reported in a blank sample.

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

M - Indicates a non-detect result exceeding the most stringent of the NJDEP Residential or Nonresidential Soil Remediation Standards. Qualifiers were not provided where non-detect data exceeded the DIGWSSL.

U - Indicates the analyte was not detected in the sample above the sample reporting limit.

UJ - Indicates the analyte was not detected above the reporting limit and the reporitng limit was approximate.

A blank result value indicates the analysis was not requested.

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	114-MW22B		A4		A4		A4		A6		AA5		B1001		B101		B102		B103	
			Depth interval	5 - 5.5 ft		1.4 - 1.7 ft		5 - 5.5 ft		5 - 5.5 ft		1.5 - 2 ft		3 - 3.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft	
			Sample ID	PPG-114-MW22BA(5.0-5.5)		A4S1.4		A4DS5		A4S5.0		A6S-1.5		AA5S-3		B1001-0		B101-0		B102-0		B-103-0	
			Lab ID	J46994-1		666217		666219		666218		668995		669002		664553		663698		663703		663237	
			Date collected	11/20/2006 10:35:00 AM		8/21/2003 8:35:00 AM		8/21/2003 8:45:00 AM		8/21/2003 8:40:00 AM		9/2/2003 4:00:00 PM		9/2/2003 6:00:00 PM		8/15/2003		8/12/2003		8/12/2003		8/11/2003	
			Sample Type	N		N		FD		N		N		N		N		N		N		N	
			Depth to Groundwater	5.6		5.2		5.2		5.2		5.4		5.9		4.2		6.7		6.1		6.1	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																				
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	UM	< 2	U	< 6	UM	< 65	UM
1-1'-BIPHENYL	92-52-4	90	mg/kg																				
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	UM
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg					< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	UM
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	UJ	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg			< 1.9	U	< 2	U	< 1.9	U	< 2.1	U	< 2.1	U	< 32	U	< 10	U	< 31	U	< 330	UM
2,4-DINITROTOLUENE	121-14-2	-	mg/kg			< 1.9	UM	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	UM	< 2	UM	< 6	UM	< 65	UM
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																				
2,6-DINITROTOLUENE	606-20-2	-	mg/kg			< 1.9	UM	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	UM	< 2	UM	< 6	UM	< 65	UM
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
2-METHYLPHENOL	95-48-7	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
2-NITROANILINE	88-74-4	-	mg/kg					< 2	U	< 1.9	U	< 2.1	U	< 2.1	U	< 32	U	< 10	U	< 31	U	< 330	UM
2-NITROPHENOL	88-75-5	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg			< 1.9	UM	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	UM	< 2	UM	< 6	UM	< 65	UM
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	UM
3-NITROANILINE	99-09-2	-	mg/kg			< 9.6	U	< 2	U	< 1.9	U	< 2.1	U	< 2.1	U	< 32	U	< 10	U	< 31	U	< 330	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg			< 1.9	U	< 2	U	< 1.9	U	< 2.1	U	< 2.1	U	< 32	UM	< 10	UM	< 31	UM	< 330	UM
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
4-NITROPHENOL	100-02-7	-	mg/kg			< 1.9	U	< 2	U	< 1.9	U	< 2.1	U	< 2.1	U	< 32	U	< 10	U	< 31	U	< 330	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.02	U	1.1		< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.016	U	0.2		< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	7.8		9.7		< 65	U
ACETOPHENONE	98-86-2	2	mg/kg																				
ANTHRACENE	120-12-7	1500	mg/kg	0.0155	J	2.6		< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	2.5		< 6	U	< 65	U
ATRAZINE	1912-24-9	**0.2**	mg/kg																				
BENZALDEHYDE	100-52-7	-	mg/kg																				
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	0.0528	J	**5.6**		0.06		0.052		< 0.41	U	< 0.4	U	< 6.2	UM	**2.2**		**8.4**		< 65	UM
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	0.0421	J	**5**		0.058		0.053		< 0.41	UM	0.092	J	< 6.2	UM	**5.3**		< 6	UM	< 65	UM
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	0.0404	J	**4.3**		0.052		< 0.37	U	< 0.41	U	0.08	J	< 6.2	UM	**2.9**		**7.5**		< 65	UM
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	0.0242	J	3.4		< 0.38	U	< 0.37	U	< 0.41	U	0.08	J	< 6.2	U	4.3		< 6	U	< 65	U
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	< 0.029	U	4.3		0.049		0.051		< 0.41	U	0.076	J	< 6.2	UM	2.4		8.2		< 65	UM
BENZYL ALCOHOL	100-51-6	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg			< 1.9	UM	< 0.38	U	< 0.37	U	< 0.41	UM	< 0.4	U	< 6.2	UM	< 2	UM	< 6	UM	< 65	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	UM
CAPROLACTAM	105-60-2	8	mg/kg																				
CARBAZOLE	86-74-8	-	mg/kg			1.4		< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	UM
CHLOROPHENOLS	58-90-2	-	mg/kg																				
CHRYSENE	218-01-9	**52**	mg/kg	0.0471	J	5.9		0.065		0.064		< 0.41	U	0.1	J	< 6.2	U	2.8		< 6	U	< 65	UM

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

			Location	114-MW22B		A4		A4		A4		A6		AA5		B1001		B101		B102		B103	
			Depth interval	5 - 5.5 ft		1.4 - 1.7 ft		5 - 5.5 ft		5 - 5.5 ft		1.5 - 2 ft		3 - 3.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft	
			Sample ID	PPG-114-MW22BA(5.0-5.5)		A4S1.4		A4DS5		A4S5.0		A6S-1.5		AA5S-3		B1001-0		B101-0		B102-0		B-103-0	
			Lab ID	J46994-1		666217		666219		666218		668995		669002		664553		663698		663703		663237	
			Date collected	11/20/2006 10:35:00 AM		8/21/2003 8:35:00 AM		8/21/2003 8:45:00 AM		8/21/2003 8:40:00 AM		9/2/2003 4:00:00 PM		9/2/2003 6:00:00 PM		8/15/2003		8/12/2003		8/12/2003		8/11/2003	
			Sample Type	N		N		FD		N		N		N		N		N		N		N	
			Depth to Groundwater	5.6		5.2		5.2		5.2		5.4		5.9		4.2		6.7		6.1		6.1	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 0.02	U	**1.2**		< 0.38	UM	< 0.37	UM	< 0.41	UM	< 0.4	UM	< 6.2	UM	< 2	UM	< 6	UM	< 65	UM
DIBENZOFURAN	132-64-9	-	mg/kg			0.6		< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
FLUORANTHENE	206-44-0	840	mg/kg	0.0925	J	12		0.092		0.088		< 0.41	U	0.16	J	9.7		2.7		8.7		< 65	U
FLUORENE	86-73-7	110	mg/kg	< 0.015	U	< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	UM	< 2	U	< 6	U	< 65	UM
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg			< 1.9	UM	< 0.38	UM	< 0.37	UM	< 0.41	UM	< 0.4	UM	< 6.2	UM	< 2	UM	< 6	UM	< 65	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	UM
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	UM
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	< 0.024	U	3.1		< 0.38	U	< 0.37	U	< 0.41	U	0.073	J	< 6.2	UM	3.4		**9.4**		< 65	UM
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg			< 1.9	UM	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	UM	< 2	UM	< 6	UM	< 65	UM
NAPHTHALENE	91-20-3	**16**	mg/kg	< 0.022	U	0.34		< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	UM	< 2	U	< 6	U	< 65	UM
NITROBENZENE	98-95-3	**0.2**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	UM
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg			< 1.9	UM	< 0.38	UM	< 0.37	UM	< 0.41	UM	< 0.4	UM	< 6.2	UM	< 2	UM	< 6	UM	< 65	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
P-CHLOROANILINE	106-47-8	-	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg			< 9.6	UM	< 2	U	< 1.9	U	< 2.1	U	< 2.1	U	< 32	UM	< 10	UM	< 31	UM	< 330	UM
PHENANTHRENE	85-01-8	-	mg/kg	0.0619	J	10		0.052		0.05		< 0.41	U	0.097	J	< 6.2	U	2.3		< 6	U	< 65	U
PHENOL	108-95-2	**5**	mg/kg			< 1.9	U	< 0.38	U	< 0.37	U	< 0.41	U	< 0.4	U	< 6.2	U	< 2	U	< 6	U	< 65	U
P-NITROANILINE	100-01-6	-	mg/kg			< 1.9	U	< 2	U	< 1.9	U	< 2.1	U	< 2.1	U	< 32	U	< 10	U	< 31	U	< 330	U
PYRENE	129-00-0	550	mg/kg	0.0873	J	9.5		0.076		0.071		< 0.41	U	0.15	J	7.5		3.7		< 6	U	< 65	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B104		B105		B107		B1101		B1201		B1301		B1302		B1303		B1304		B1304A		B1304B	
			Depth interval	0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		0.3 - 0.8 ft	
			Sample ID	B-104-0		B-105-0		B-107-0		B1101-0		B1201-0		B1301-0		B1302-0		B1303-0		B1304-0		B1304A		B1304Be	
			Lab ID	663223		663231		663234		664528		664540		664524		664563		665425		665409		665714		665720	
			Date collected	8/11/2003		8/11/2003		8/11/2003		8/15/2003		8/15/2003		8/15/2003		8/15/2003		8/19/2003		8/19/2003		8/20/2003		8/20/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.5		4.8		5.1		4.2		4.4		4.3		4.6		5.2		5.2		5.2		5.3	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																						
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	UM	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
1-1'-BIPHENYL	92-52-4	90	mg/kg																						
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 6.1	U	< 10	U	< 2.4	U	< 20	U	< 63	U	< 10	U	< 4.4	U	< 1.8	U	< 1.8	U	< 1.8	U	< 2.1	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 1.2	UM	< 2	UM	< 0.47	U	< 3.9	UM	< 12	UM	< 2	UM	< 0.85	UM	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																						
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 1.2	UM	< 2	UM	< 0.47	U	< 3.9	UM	< 12	UM	< 2	UM	< 0.85	UM	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
2-NITROANILINE	88-74-4	-	mg/kg	< 6.1	U	< 10	U	< 2.4	U	< 20	U	< 63	UM	< 10	U	< 4.4	U	< 1.8	U	< 1.8	U	< 1.8	U	< 2.1	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 1.2	UM	< 2	UM	< 0.47	U	< 3.9	UM	< 12	UM	< 2	UM	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
3-NITROANILINE	99-09-2	-	mg/kg	< 6.1	U	< 10	U	< 2.4	U	< 20	U	< 63	U	< 10	U	< 4.4	U	< 1.8	U	< 1.8	U	< 1.8	U	< 2.1	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 6.1	UM	< 10	UM	< 2.4	U	< 20	UM	< 63	UM	< 10	UM	< 4.4	U	< 1.8	U	< 1.8	U	< 1.8	U	< 2.1	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 6.1	U	< 10	U	< 2.4	U	< 20	U	< 63	U	< 10	U	< 4.4	U	< 1.8	U	< 1.8	U	< 1.8	U	< 2.1	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	2.3		< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
ACETOPHENONE	98-86-2	2	mg/kg																						
ANTHRACENE	120-12-7	1500	mg/kg	< 1.2	U	2.5		< 0.47	U	5.4		< 12	U	3.2		< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
ATRAZINE	1912-24-9	**0.2**	mg/kg																						
BENZALDEHYDE	100-52-7	-	mg/kg																						
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	< 1.2	UM	< 2	UM	< 0.47	U	< 3.9	UM	**3.9**		**5.5**		**0.86**		< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	< 1.2	UM	< 2	UM	< 0.47	UM	< 3.9	UM	**3.9**		**4.6**		< 0.85	UM	< 0.35	UM	< 0.35	UM	< 0.35	UM	< 0.4	UM
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	< 1.2	UM	**8.3**		< 0.47	U	**8.1**		**3.4**		**3.8**		< 0.85	UM	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	< 1.2	U	6.3		< 0.47	U	6.3		3.4		3.1		< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	< 1.2	U	8.3		< 0.47	U	8.9		3.2		3.9		< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 1.2	UM	< 2	UM	< 0.47	UM	< 3.9	UM	< 12	UM	< 2	UM	< 0.85	UM	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																						
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	1.7		< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
CAPROLACTAM	105-60-2	8	mg/kg																						
CARBAZOLE	86-74-8	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
CHLOROPHENOLS	58-90-2	-	mg/kg																						
CHRYSENE	218-01-9	**52**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	4.2		5.7		0.88		< 0.35	U	< 0.35	U	< 0.35	U	0.42	

			Location	B104		B105		B107		B1101		B1201		B1301		B1302		B1303		B1304		B1304A		B1304B	
			Depth interval	0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		0.3 - 0.8 ft	
			Sample ID	B-104-0		B-105-0		B-107-0		B1101-0		B1201-0		B1301-0		B1302-0		B1303-0		B1304-0		B1304A		B1304Be	
			Lab ID	663223		663231		663234		664528		664540		664524		664563		665425		665409		665714		665720	
			Date collected	8/11/2003		8/11/2003		8/11/2003		8/15/2003		8/15/2003		8/15/2003		8/15/2003		8/19/2003		8/19/2003		8/20/2003		8/20/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.5		4.8		5.1		4.2		4.4		4.3		4.6		5.2		5.2		5.2		5.3	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 1.2	UM	**2.1**		< 0.47	UM	< 3.9	UM	< 12	UM	< 2	UM	< 0.85	UM	< 0.35	UM	< 0.35	UM	< 0.35	UM	< 0.4	UM
DIBENZOFURAN	132-64-9	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
FLUORANTHENE	206-44-0	840	mg/kg	1.5		23		< 0.47	U	< 3.9	U	7.6		< 2	U	1.5		< 0.35	U	< 0.35	U	< 0.35	U	0.99	
FLUORENE	86-73-7	110	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	2.3		< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	UM	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 1.2	UM	< 2	UM	< 0.47	UM	< 3.9	UM	< 12	UM	< 2	UM	< 0.85	UM	< 0.35	UM	< 0.35	UM	< 0.35	UM	< 0.4	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	< 1.2	UM	**5.9**		< 0.47	U	**6.2**		2.8		2.8		< 0.85	UM	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 1.2	UM	< 2	UM	< 0.47	U	< 3.9	UM	< 12	UM	< 2	UM	< 0.85	UM	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
NAPHTHALENE	91-20-3	**16**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	2.3		< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 1.2	UM	< 2	UM	< 0.47	UM	< 3.9	UM	< 12	UM	< 2	UM	< 0.85	UM	< 0.35	UM	< 0.35	UM	< 0.35	UM	< 0.4	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 6.1	UM	< 10	UM	< 2.4	U	< 20	UM	< 63	UM	< 10	UM	< 4.4	UM	< 1.8	U	< 1.8	U	< 1.8	U	< 2.1	U
PHENANTHRENE	85-01-8	-	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	4.2		< 2	U	< 0.85	U	< 0.35	U	0.54		< 0.35	U	0.66	
PHENOL	108-95-2	**5**	mg/kg	< 1.2	U	< 2	U	< 0.47	U	< 3.9	U	< 12	U	< 2	U	< 0.85	U	< 0.35	U	< 0.35	U	< 0.35	U	< 0.4	U
P-NITROANILINE	100-01-6	-	mg/kg	< 6.1	U	< 10	U	< 2.4	U	< 20	U	< 63	U	< 10	U	< 4.4	U	< 1.8	U	< 1.8	U	< 1.8	U	< 2.1	U
PYRENE	129-00-0	550	mg/kg	1.3		< 2	U	< 0.47	U	< 3.9	U	6.6		< 2	U	1		< 0.35	U	< 0.35	U	< 0.35	U	0.72	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B1304C		B1401		B1402		B1402A		B201		B201		B302		B303		B303		B304		B305A	
			Depth interval	0.3 - 0.8 ft		0.8 - 1.3 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		0 - 0.5 ft		6 - 6.5 ft		0 - 0.5 ft		0 - 0.5 ft		2.5 - 3 ft		0 - 0.5 ft		0 - 0.5 ft	
			Sample ID	B1304Cb		B1401-0		B1402-0		B1402A		B201-0		B201-6		B302-0		B303-0		B303-2		B304-0		B305A-0	
			Lab ID	665726		665431		665443		665709		663708		663711		664007		664011		664032		664013		664015	
			Date collected	8/20/2003		8/19/2003		8/19/2003		8/20/2003		8/12/2003		8/12/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater Excavated	5.4		5.5		5.1		5		6.3		6.3		6.3		5.6		5.6		4.3		4.8	
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																						
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	U	< 1.9	U
1-1'-BIPHENYL	92-52-4	90	mg/kg																						
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 1.9	U	< 1.9	U	< 92	U	< 14	U	< 5.9	U	< 2	U	< 1.9	U	< 40	U	< 2	U	< 10	U	< 10	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	UM	< 1.9	UM
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																						
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	UM	< 1.9	UM
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
2-NITROANILINE	88-74-4	-	mg/kg	< 1.9	U	< 1.9	U	< 92	UM	< 14	U	< 5.9	U	< 2	U	< 1.9	U	< 40	UM	< 2	U	< 10	U	< 10	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	UM	< 1.9	UM
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
3-NITROANILINE	99-09-2	-	mg/kg	< 1.9	U	< 1.9	U	< 92	U	< 14	U	< 5.9	U	< 2	U	< 1.9	U	< 40	U	< 2	U	< 10	U	< 10	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 1.9	U	< 1.9	U	< 92	UM	< 14	UM	< 5.9	U	< 2	U	< 1.9	U	< 40	UM	< 2	U	< 10	UM	< 10	UM
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 1.9	U	< 1.9	U	< 92	U	< 14	U	< 5.9	U	< 2	U	< 1.9	U	< 40	U	< 2	U	< 10	U	< 10	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	2.6	
ACETOPHENONE	98-86-2	2	mg/kg																						
ANTHRACENE	120-12-7	1500	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
ATRAZINE	1912-24-9	**0.2**	mg/kg																						
BENZALDEHYDE	100-52-7	-	mg/kg																						
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	UM	**1.5**		< 0.39	U	< 0.38	U	**9.4**		< 0.39	U	< 2	UM	**3.9**	
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	< 0.36	UM	< 0.37	UM	< 18	UM	< 2.8	UM	**1.7**		< 0.39	UM	< 0.38	UM	< 7.7	UM	< 0.39	UM	< 2	UM	**3.6**	
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	UM	1.3		< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	UM	**2.3**	
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	1.5		< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	2.5	
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	U	1.3		< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	U	2.9	
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	UM	< 1.9	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																						
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
CAPROLACTAM	105-60-2	8	mg/kg																						
CARBAZOLE	86-74-8	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
CHLOROPHENOLS	58-90-2	-	mg/kg																						
CHRYSENE	218-01-9	**52**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	1.9		< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	4.4	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B1304C		B1401		B1402		B1402A		B201		B201		B302		B303		B303		B304		B305A	
			Depth interval	0.3 - 0.8 ft		0.8 - 1.3 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		0 - 0.5 ft		6 - 6.5 ft		0 - 0.5 ft		0 - 0.5 ft		2.5 - 3 ft		0 - 0.5 ft		0 - 0.5 ft	
			Sample ID	B1304Cb		B1401-0		B1402-0		B1402A		B201-0		B201-6		B302-0		B303-0		B303-2		B304-0		B305A-0	
			Lab ID	665726		665431		665443		665709		663708		663711		664007		664011		664032		664013		664015	
			Date collected	8/20/2003		8/19/2003		8/19/2003		8/20/2003		8/12/2003		8/12/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.4		5.5		5.1		5		6.3		6.3		6.3		5.6		5.6		4.3		4.8	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 0.36	UM	< 0.37	UM	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	UM	< 0.38	UM	< 7.7	UM	< 0.39	UM	< 2	UM	< 1.9	UM
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
FLUORANTHENE	206-44-0	840	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	2.6		< 0.39	U	0.58		< 7.7	U	< 0.39	U	< 2	U	4.4	
FLUORENE	86-73-7	110	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	U	< 1.9	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.36	UM	< 0.37	UM	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	UM	< 0.38	UM	< 7.7	UM	< 0.39	UM	< 2	UM	< 1.9	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	UM	2	
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	UM	< 1.9	UM
NAPHTHALENE	91-20-3	**16**	mg/kg	< 0.36	U	< 0.37	U	< 18	UM	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	UM	< 0.39	U	< 2	U	< 1.9	U
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.36	UM	< 0.37	UM	< 18	UM	< 2.8	UM	< 1.2	UM	< 0.39	UM	< 0.38	UM	< 7.7	UM	< 0.39	UM	< 2	UM	< 1.9	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 1.9	U	< 1.9	U	< 92	UM	< 14	UM	< 5.9	UM	< 2	U	< 1.9	U	< 40	UM	< 2	U	< 10	UM	< 10	UM
PHENANTHRENE	85-01-8	-	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	1.7		< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	2.6	
PHENOL	108-95-2	**5**	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	< 1.2	U	< 0.39	U	< 0.38	U	< 7.7	U	< 0.39	U	< 2	U	< 1.9	U
P-NITROANILINE	100-01-6	-	mg/kg	< 1.9	U	< 1.9	U	< 92	U	< 14	U	< 5.9	U	< 2	U	< 1.9	U	< 40	U	< 2	U	< 10	U	< 10	U
PYRENE	129-00-0	550	mg/kg	< 0.36	U	< 0.37	U	< 18	U	< 2.8	U	2.9		< 0.39	U	0.44		< 7.7	U	< 0.39	U	< 2	U	7	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	B305A		B306C		B307D		B307D		B308E		B309D		B310		B311		B313C		B401		B401A	
			Depth interval	1 - 1.5 ft		0 - 0.5 ft		0 - 0.5 ft		1.5 - 2 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		1 - 1.5 ft		0 - 0.5 ft		0 - 0.5 ft		0.5 - 1 ft	
			Sample ID	B305A-1		B306C-0		B307D-0		B307D-1		B308E-0		B309D-0		B310-0		B311-1		B313C-0		B401-0		B401A-0	
			Lab ID	664036		664326		665086		665087		665148		664336		665075		665080		665089		665092		665732	
			Date collected	8/13/2003		8/14/2003		8/18/2003		8/18/2003		8/18/2003		8/14/2003		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/20/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	4.8		5.1		5.8		5.8		4.3		5.8		5.3		5.5		6.2		6		5.6	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																						
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 0.39	U	< 20	UM	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	UM	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
1-1'-BIPHENYL	92-52-4	90	mg/kg																						
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.39	U	< 20	UM	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 2	U	< 100	U	< 20	U	< 9.8	U	< 6.4	U	< 9.9	U	< 63	U	< 9.9	U	< 20	U	< 23	U	< 21	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.39	U	< 20	UM	< 3.9	UM	< 1.9	UM	< 1.2	UM	< 1.9	UM	< 12	UM	< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																						
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.39	U	< 20	UM	< 3.9	UM	< 1.9	UM	< 1.2	UM	< 1.9	UM	< 12	UM	< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.39	U	**25**		< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	**8.1**	
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
2-NITROANILINE	88-74-4	-	mg/kg	< 2	U	< 100	UM	< 20	U	< 9.8	U	< 6.4	U	< 9.9	U	< 63	UM	< 9.9	U	< 20	U	< 23	U	< 21	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.39	U	< 20	UM	< 3.9	UM	< 1.9	UM	< 1.2	UM	< 1.9	UM	< 12	UM	< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
3-NITROANILINE	99-09-2	-	mg/kg	< 2	U	< 100	U	< 20	U	< 9.8	U	< 6.4	U	< 9.9	U	< 63	U	< 9.9	U	< 20	U	< 23	U	< 21	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 2	U	< 100	UM	< 20	UM	< 9.8	UM	< 6.4	UM	< 9.9	UM	< 63	UM	< 9.9	UM	< 20	UM	< 23	UM	< 21	UM
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 2	U	< 100	U	< 20	U	< 9.8	U	< 6.4	U	< 9.9	U	< 63	U	< 9.9	U	< 20	U	< 23	U	< 21	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.39	U	6.6		< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.39	U	35		< 3.9	U	5.5		< 1.2	U	2.6		7.7		< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
ACETOPHENONE	98-86-2	2	mg/kg																						
ANTHRACENE	120-12-7	1500	mg/kg	< 0.39	U	25		< 3.9	U	3.8		< 1.2	U	< 1.9	U	2.9		< 1.9	U	< 3.9	U	< 4.4	U	8.3	
ATRAZINE	1912-24-9	**0.2**	mg/kg																						
BENZALDEHYDE	100-52-7	-	mg/kg																						
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	< 0.39	U	**34**		**4.2**		**3.1**		< 1.2	UM	**2.1**		**2.8**		< 1.9	UM	**4.1**		< 4.4	UM	**4.3**	
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	< 0.39	UM	**38**		< 3.9	UM	**4.7**		< 1.2	UM	**3.7**		**7.2**		< 1.9	UM	**5.5**		< 4.4	UM	< 4	UM
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	< 0.39	U	**24**		< 3.9	UM	**3.4**		< 1.2	UM	**2.2**		**3.9**		< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	< 0.39	U	30		< 3.9	U	6.4		< 1.2	U	4		< 12	U	6.1		< 3.9	U	< 4.4	U	< 4	U
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	< 0.39	U	**25**		< 3.9	U	3.4		< 1.2	U	2.3		3.6		< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.39	U	< 20	UM	< 3.9	UM	< 1.9	UM	< 1.2	UM	< 1.9	UM	< 12	UM	< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																						
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
CAPROLACTAM	105-60-2	8	mg/kg																						
CARBAZOLE	86-74-8	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
CHLOROPHENOLS	58-90-2	-	mg/kg																						
CHRYSENE	218-01-9	**52**	mg/kg	< 0.39	U	48		4.8		4.7		< 1.2	U	2.8		4.2		< 1.9	U	8.3		< 4.4	U	4.2	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location	B305A		B306C		B307D		B307D		B308E		B309D		B310		B311		B313C		B401		B401A	
				Depth interval	1 - 1.5 ft		0 - 0.5 ft		0 - 0.5 ft		1.5 - 2 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		1 - 1.5 ft		0 - 0.5 ft		0 - 0.5 ft		0.5 - 1 ft	
				Sample ID	B305A-1		B306C-0		B307D-0		B307D-1		B308E-0		B309D-0		B310-0		B311-1		B313C-0		B401-0		B401A-0	
				Lab ID	664036		664326		665086		665087		665148		664336		665075		665080		665089		665092		665732	
				Date collected	8/13/2003		8/14/2003		8/18/2003		8/18/2003		8/18/2003		8/14/2003		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/20/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater Excavated	4.8		5.1		5.8		5.8		4.3		5.8		5.3		5.5		6.2		6		5.6	
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 0.39	UM	**9.3**		< 3.9	UM	< 1.9	UM	< 1.2	UM	< 1.9	UM	**2.2**		< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	2.6		< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
FLUORANTHENE	206-44-0	840	mg/kg	< 0.39	U	53		7.6		4.1		< 1.2	U	2.5		3.3		< 1.9	U	7.6		< 4.4	U	7.7	
FLUORENE	86-73-7	110	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	8.6	
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.39	U	< 20	UM	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	UM	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.39	UM	< 20	UM	< 3.9	UM	< 1.9	UM	< 1.2	UM	< 1.9	UM	< 12	UM	< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	< 0.39	U	**21**		< 3.9	UM	4		< 1.2	UM	2.9		**6.2**		2.6		< 3.9	UM	< 4.4	UM	< 4	UM
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 0.39	U	< 20	UM	< 3.9	UM	< 1.9	UM	< 1.2	UM	< 1.9	UM	< 12	UM	< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
NAPHTHALENE	91-20-3	**16**	mg/kg	< 0.39	U	< 20	UM	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	UM	< 1.9	U	< 3.9	U	< 4.4	U	**62**	
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.39	UM	< 20	UM	< 3.9	UM	< 1.9	UM	< 1.2	UM	< 1.9	UM	< 12	UM	< 1.9	UM	< 3.9	UM	< 4.4	UM	< 4	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 2	U	< 100	UM	< 20	UM	< 9.8	UM	< 6.4	UM	< 9.9	UM	< 63	UM	< 9.9	UM	< 20	UM	< 23	UM	< 21	UM
PHENANTHRENE	85-01-8	-	mg/kg	0.86		86		< 3.9	U	7.7		< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	4.1		< 4.4	U	< 4	U
PHENOL	108-95-2	**5**	mg/kg	< 0.39	U	< 20	U	< 3.9	U	< 1.9	U	< 1.2	U	< 1.9	U	< 12	U	< 1.9	U	< 3.9	U	< 4.4	U	< 4	U
P-NITROANILINE	100-01-6	-	mg/kg	< 2	U	< 100	U	< 20	U	< 9.8	U	< 6.4	U	< 9.9	U	< 63	U	< 9.9	U	< 20	U	< 23	U	< 21	U
PYRENE	129-00-0	550	mg/kg	0.43		89		8.9		8.1		< 1.2	U	3.2		5.1		< 1.9	U	9.5		< 4.4	U	< 4	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		B401B		B501		B502		B5S		B6		B601		B7		B701		B802		B803		B901	
				Depth interval		0 - 0.5 ft		0.5 - 1 ft		0.5 - 1 ft		2.5 - 3 ft		2.5 - 3 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft	
				Sample ID		B401B-0		B501-0		B502-0		B5S-2.5		B6S2.5		B601-0		B7S-.5a		B701-0		B802-0		B803-0		B901-0	
				Lab ID		665738		665116		665098		665795		665786		665109		666231		664371		664351		664356		664547	
				Date collected		8/20/2003		8/18/2003		8/18/2003		8/20/2003 3:05:00 PM		8/20/2003 2:00:00 PM		8/18/2003		8/21/2003 9:27:00 AM		8/14/2003		8/14/2003		8/14/2003		8/15/2003	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.2		5.3		5.4		6.5		5.6		5.1		5.7		4.3		3.7		4.1		3.9	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																								
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.4	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	UM	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	UM
1-1'-BIPHENYL	92-52-4	90	mg/kg																								
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 2	U	< 4	U	< 0.44	U			< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 10	U	< 21	U	< 2.3	U	< 2.0	U	< 20	U	< 69	U	< 21	U	< 6.5	U	< 6.5	U	< 6.1	U	< 51	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 2	UM	< 4	UM	< 0.44	U			< 4.0	UM	< 13	UM	< 4.1	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																								
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 2	UM	< 4	UM	< 0.44	U	< 0.38	U	< 4.0	UM	< 13	UM	< 4.1	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 2	U	< 4	U	< 0.44	U			< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	0.41	J	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
2-NITROANILINE	88-74-4	-	mg/kg	< 10	U	< 21	U	< 2.3	U	< 2.0	U	< 20	U	< 69	UM	< 21	U	< 6.5	U	< 6.5	U	< 6.1	U	< 51	UM
2-NITROPHENOL	88-75-5	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 2	UM	< 4	UM	< 0.44	U	< 0.38	U	< 4.0	UM	< 13	UM	< 4.1	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
3-NITROANILINE	99-09-2	-	mg/kg	< 10	U	< 21	U	< 2.3	U			< 20	U	< 69	U	< 21	U	< 6.5	U	< 6.5	U	< 6.1	U	< 51	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 10	UM	< 21	UM	< 2.3	U	< 2.0	U	< 20	UM	< 69	UM	< 21	UM	< 6.5	UM	< 6.5	UM	< 6.1	UM	< 51	UM
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 10	U	< 21	U	< 2.3	U	< 2.0	U	< 20	U	< 69	U	< 21	U	< 6.5	U	< 6.5	U	< 6.1	U	< 51	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	1.2	J	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	0.77	J	3.4		< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
ACETOPHENONE	98-86-2	2	mg/kg																								
ANTHRACENE	120-12-7	1500	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	5.6		< 13	U	1.7		< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
ATRAZINE	1912-24-9	**0.2**	mg/kg																								
BENZALDEHYDE	100-52-7	-	mg/kg																								
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	< 2	UM	< 4	UM	**0.95**		< 0.38	U	**12**	**J**	< 13	UM	**3.8**		< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	< 2	UM	< 4	UM	**1.2**		< 0.38	UM	**0.31**	**J**	**2.5**		**3.6**		< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	< 2	UM	< 4	UM	1		< 0.38	U	**8.8**		**2.1**		< 2.7	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	< 2	U	< 4	U	0.58		< 0.38	U	7.6		< 13	U	2.3		< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	< 2	U	< 4	U	0.97		< 0.38	U	8.8		< 13	UM	2.8		< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	UM
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 2	UM	< 4	UM	< 0.44	UM	< 0.38	U	< 4.0	UM	< 13	UM	< 4.1	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																								
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 2	U	< 4	U	< 0.44	U			< 4.0	U	< 13	U	1.1		< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
CAPROLACTAM	105-60-2	8	mg/kg																								
CARBAZOLE	86-74-8	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	2	J	< 13	U	0.51		< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
CHLOROPHENOLS	58-90-2	-	mg/kg																								
CHRYSENE	218-01-9	**52**	mg/kg	< 2	U	< 4	U	1.1		< 0.38	U	12		< 13	U	< 4.1	U	1.4		< 1.3	U	< 1.2	U	< 9.9	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		B401B		B501		B502		B5S		B6		B601		B7		B701		B802		B803		B901	
				Depth interval		0 - 0.5 ft		0.5 - 1 ft		0.5 - 1 ft		2.5 - 3 ft		2.5 - 3 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft	
				Sample ID		B401B-0		B501-0		B502-0		B5S-2.5		B6S2.5		B601-0		B7S-.5a		B701-0		B802-0		B803-0		B901-0	
				Lab ID		665738		665116		665098		665795		665786		665109		666231		664371		664351		664356		664547	
				Date collected		8/20/2003		8/18/2003		8/18/2003		8/20/2003 3:05:00 PM		8/20/2003 2:00:00 PM		8/18/2003		8/21/2003 9:27:00 AM		8/14/2003		8/14/2003		8/14/2003		8/15/2003	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.2		5.3		5.4		6.5		5.6		5.1		5.7		4.3		3.7		4.1		3.9	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 2	UM	< 4	UM	< 0.44	UM			**12**		< 13	UM	< 4.1	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
DIBENZOFURAN	132-64-9	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	1.3	J	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 2	U	< 4	U	< 0.44	U			< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 2	U	< 4	U	< 0.44	U			< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
FLUORANTHENE	206-44-0	840	mg/kg	3.1		< 4	U	1.8		< 0.38	U	27		2.9		9.6		2.5		< 1.3	U	1.5		< 9.9	U
FLUORENE	86-73-7	110	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	1.7	J	< 13	U	0.48		< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	UM	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	UM
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 2	UM	< 4	UM	< 0.44	UM	< 0.38	UM	< 4.0	UM	< 13	UM	< 4.1	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	UJ	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	< 2	UM	< 4	UM	0.54		< 0.38	U	**6.7**		< 13	UM	2		< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 2	UM	< 4	UM	< 0.44	U	< 0.38	U	< 4.0	UM	< 13	UM	< 4.1	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
NAPHTHALENE	91-20-3	**16**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	1.3	J	2		< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	UM
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 2	UM	< 4	UM	< 0.44	UM	< 0.38	UM	< 4.0	UM	< 13	UM	< 4.1	UM	< 1.3	UM	< 1.3	UM	< 1.2	UM	< 9.9	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 10	UM	< 21	UM	< 2.3	U	< 2.0	U	< 20	UM	< 69	UM	< 21	UM	< 6.5	UM	< 6.5	UM	< 6.1	UM	< 51	UM
PHENANTHRENE	85-01-8	-	mg/kg	< 2	U	< 4	U	1.4		< 0.38	U	20		< 13	U	5.6		1.9		< 1.3	U	< 1.2	U	< 9.9	U
PHENOL	108-95-2	**5**	mg/kg	< 2	U	< 4	U	< 0.44	U	< 0.38	U	< 4.0	U	< 13	U	< 4.1	U	< 1.3	U	< 1.3	U	< 1.2	U	< 9.9	U
P-NITROANILINE	100-01-6	-	mg/kg	< 10	U	< 21	U	< 2.3	U	< 2.0	U	< 20	U	< 69	U	< 21	U	< 6.5	U	< 6.5	U	< 6.1	U	< 51	U
PYRENE	129-00-0	550	mg/kg	2.7		< 4	U	1.3		< 0.38	U	23		2.4		6.5		1.9		< 1.3	U	1.5		< 9.9	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	BC8		C4		C5		C6		C6		C7		C9		CHEM-5		CHEM-5		D10	
			Depth interval	1.5 - 2 ft		2 - 2.5 ft		2.5 - 3 ft		3 - 3.5 ft		3 - 3.5 ft		0.5 - 1 ft		2.5 - 3 ft		1 - 2 ft		5 - 7 ft		1.5 - 2 ft	
			Sample ID	BC8S1		C4S2-2		C5S2.5		C6DS3		C6S-3		C7S-0.5		C9S2.5		CHEM5-1-2		CHEM5-5-7		D10S1.5	
			Lab ID	669419		667712		665812		665819		665818		666234		669415		JA74890-5		JA74890-6		666267	
			Date collected	9/3/2003 3:10:00 PM		8/27/2003 3:40:00 PM		8/20/2003 10:50:00 AM		8/20/2003 12:35:00 PM		8/20/2003 12:20:00 PM		8/21/2003 10:10:00 AM		9/3/2003 1:25:00 PM		5/3/2011 10:05:00 AM		5/3/2011 10:25:00 AM		8/21/2003 4:43:00 PM	
			Sample Type	N		N		N		FD		N		N		N		N		N		N	
			Depth to Groundwater	6.2		5.6		6.2		5.2		5.2		5.3		5.8		5.9		5.9		4.5	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg															< 0.011	U	< 0.012	U		
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U					< 0.84	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U					< 0.84	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U					< 0.84	U
1-1'-BIPHENYL	92-52-4	90	mg/kg															< 0.0043	U	< 0.0045	U		
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.011	U	< 0.011	U	< 0.84	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.043	U	< 0.045	U	< 0.84	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.035	U	< 0.036	U	< 0.84	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.06	U	< 0.062	U	< 0.84	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.41	UJ	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	UJ	< 0.063	U	< 0.065	U	< 0.84	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 2.1	U	< 2.9	UJ			< 22	U	< 23	U	< 2.1	U	< 2.1	U	< 0.046	U	< 0.047	U	< 4.3	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	UM	< 4.4	UM	< 0.4	U	< 0.4	U	< 0.016	U	< 0.017	U	< 0.84	UM
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																				
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	UM	< 4.4	UM	< 0.4	U	< 0.4	U	< 0.014	U	< 0.015	U	< 0.84	UM
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.012	U	< 0.012	U	< 0.84	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.038	U	< 0.039	U	< 0.84	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	0.099	J	0.5	J	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	0.074	J	< 0.021	U	< 0.022	U	< 0.84	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.043	U	< 0.044	U	< 0.84	U
2-NITROANILINE	88-74-4	-	mg/kg	< 2.1	U	< 2.9	U	< 2.2	U	< 22	U	< 23	U	< 2.1	U	< 2.1	U	< 0.016	U	< 0.017	U	< 4.3	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.04	U	< 0.041	U	< 0.84	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	UM	< 4.4	UM	< 0.4	U	< 0.4	U	< 0.0095	U	< 0.0098	U	< 0.84	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.01	U	< 0.01	U	< 0.84	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.048	U	< 0.049	U	< 0.84	U
3-NITROANILINE	99-09-2	-	mg/kg	< 2.1	U	< 2.9	U			< 22	U	< 23	U	< 2.1	U	< 2.1	U	< 0.015	U	< 0.015	U	< 4.3	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 2.1	U	< 2.9	UJ	< 2.2	UJ	< 22	UM	< 23	UM	< 2.1	U	< 2.1	U	< 0.046	U	< 0.047	U	< 4.3	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.014	U	< 0.014	U	< 0.84	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.037	U	< 0.039	U	< 0.84	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.011	U	< 0.012	U	< 0.84	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 2.1	U	< 2.9	UJ			< 22	U	< 23	U	< 2.1	U	< 2.1	U	< 0.063	U	< 0.065	U	< 4.3	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	0.11	J	< 0.55	U	< 0.43	U	1.2	J	1.7		< 0.4	U	0.27	J	< 0.011	U	< 0.011	U	0.16	J
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	0.46		< 0.4	U	< 0.4	U	< 0.012	U	< 0.012	U	0.59	J
ACETOPHENONE	98-86-2	2	mg/kg															< 0.0066	U	< 0.0068	U		
ANTHRACENE	120-12-7	1500	mg/kg	< 0.41	U	< 0.55	U	0.96	J	3.4	J	5.7		< 0.4	U	0.42		0.0162	J	< 0.014	U	1.4	
ATRAZINE	1912-24-9	**0.2**	mg/kg															< 0.0074	U	< 0.0076	U		
BENZALDEHYDE	100-52-7	-	mg/kg															< 0.0086	U	< 0.0089	U		
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	0.11	J	< 0.55	U	0.45		**6.8**		**11**		0.09		**1**		0.0397		0.0458		**5**	
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**0.92**	**J**	< 0.55	UM	**0.48**		**5.9**		**9.8**		0.1		**0.92**		0.0301	J	0.0349	J	**4.1**	
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	0.089	J	< 0.55	U	0.52		**4.7**		**7.9**		0.082		0.83		0.0343	J	0.0377	J	**3.2**	
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	0.066	J	< 0.55	U	0.36	J	3.8	J	6.1		0.072		0.68		0.0253	J	0.0244	J	2	
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	0.076	J	< 0.55	U	0.54		4.5		7.9		0.081		0.72		0.0226	J	0.0249	J	3.4	
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 0.41	U	< 0.55	UJ	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U					< 0.84	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	0.34		< 0.4	U	< 0.022	U	< 0.022	U	< 0.84	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.015	U	< 0.016	U	< 0.84	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.41	UM	< 0.55	UM	< 0.43	UM	< 4.2	UM	< 4.4	UM	< 0.4	U	< 0.4	U	< 0.011	U	< 0.012	U	< 0.84	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	0.26		< 0.4	U	< 0.033	U	< 0.034	U	< 0.84	U
CAPROLACTAM	105-60-2	8	mg/kg															< 0.012	U	< 0.012	U		
CARBAZOLE	86-74-8	-	mg/kg	0.06	J	< 0.55	U	< 0.43	U	1.2	J	1.9		< 0.4	U	0.22	J	< 0.017	U	< 0.018	U	0.19	J
CHLOROPHENOLS	58-90-2	-	mg/kg															< 0.039	U	< 0.04	U		
CHRYSENE	218-01-9	**52**	mg/kg	0.11	J	0.1	J	0.7		6.9		11		0.11		1		0.0385		0.0404		4.5	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	BC8		C4		C5		C6		C6		C7		C9		CHEM-5		CHEM-5		D10	
			Depth interval	1.5 - 2 ft		2 - 2.5 ft		2.5 - 3 ft		3 - 3.5 ft		3 - 3.5 ft		0.5 - 1 ft		2.5 - 3 ft		1 - 2 ft		5 - 7 ft		1.5 - 2 ft	
			Sample ID	BC8S1		C4S2-2		C5S2.5		C6DS3		C6S-3		C7S-0.5		C9S2.5		CHEM5-1-2		CHEM5-5-7		D10S1.5	
			Lab ID	669419		667712		665812		665819		665818		666234		669415		JA74890-5		JA74890-6		666267	
			Date collected	9/3/2003 3:10:00 PM		8/27/2003 3:40:00 PM		8/20/2003 10:50:00 AM		8/20/2003 12:35:00 PM		8/20/2003 12:20:00 PM		8/21/2003 10:10:00 AM		9/3/2003 1:25:00 PM		5/3/2011 10:05:00 AM		5/3/2011 10:25:00 AM		8/21/2003 4:43:00 PM	
			Sample Type	N		N		N		FD		N		N		N		N		N		N	
			Depth to Groundwater	6.2		5.6		6.2		5.2		5.2		5.3		5.8		5.9		5.9		4.5	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 0.41	UM	< 0.55	UM	0.12	J	**1.2**	**J**	**1.9**		< 0.4	UM	0.22	J	< 0.013	U	< 0.013	U	**0.84**	**J**
DIBENZOFURAN	132-64-9	-	mg/kg	0.066	J	0.14	J	< 0.43	U	0.97	J	1.5		< 0.4	U	0.12	J	< 0.011	U	< 0.011	U	0.12	J
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.013	U	< 0.013	U	< 0.84	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.013	U	< 0.014	U	< 0.84	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	0.043		< 0.4	U	< 0.0083	U	< 0.0086	U	< 0.84	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.018	U	< 0.019	U	< 0.84	U
FLUORANTHENE	206-44-0	840	mg/kg	0.26	J	< 0.55	U	0.99		16	J	< 4.4	U	0.19		2.3		0.0749		0.0868		8.7	
FLUORENE	86-73-7	110	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	1.3	J	< 4.4	U	< 0.4	U	0.21	J	< 0.012	U	< 0.013	U	0.22	J
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.01	U	< 0.011	U	< 0.84	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.41	UM	< 0.55	UM	< 0.43	UM	< 4.2	UM	< 4.4	UM	< 0.4	UM	< 0.4	UM	< 0.012	U	< 0.013	U	< 0.84	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.41	U	< 0.55	U	< 0.43	UJ	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.038	U	< 0.039	U	< 0.84	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.01	U	< 0.011	U	< 0.84	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	0.06	J	< 0.55	U	0.33	J	3.5	J	**5.5**		0.059		0.57		0.0217	J	0.0215	J	2.1	
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U					< 0.84	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	UM	< 4.4	UM	< 0.4	U	< 0.4	U					< 0.84	UM
NAPHTHALENE	91-20-3	**16**	mg/kg	0.18	J	0.35	J	0.046	J	0.58	J	< 4.4	U	< 0.4	U	0.21	J	< 0.01	U	< 0.011	U	0.11	J
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.011	U	< 0.011	U	< 0.84	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.41	UM	< 0.55	UM	< 0.43	UM	< 4.2	UM	< 4.4	UM	< 0.4	UM	< 0.4	UM	< 0.0091	U	< 0.0094	U	< 0.84	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.022	U	< 0.023	U	< 0.84	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.012	U	< 0.012	U	< 0.84	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 2.1	U	< 2.9	UJ	< 2.2	UJ	< 22	UM	< 23	UM	< 2.1	U	< 2.1	U	< 0.064	U	< 0.066	U	< 4.3	UM
PHENANTHRENE	85-01-8	-	mg/kg	0.25	J	0.27	J	0.37	J	14		23		0.093		1.8		0.0411		0.0405		3.9	
PHENOL	108-95-2	**5**	mg/kg	< 0.41	U	< 0.55	U	< 0.43	U	< 4.2	U	< 4.4	U	< 0.4	U	< 0.4	U	< 0.039	U	< 0.041	U	< 0.84	U
P-NITROANILINE	100-01-6	-	mg/kg	< 2.1	U	< 2.9	U			< 22	U	< 23	U	< 2.1	U	< 2.1	U	< 0.015	U	< 0.015	U	< 4.3	U
PYRENE	129-00-0	550	mg/kg	0.21	J	< 0.55	U	0.72		14		23		0.15		1.8		0.0665		0.0798		6.3	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	D10		D4		D4A		D4A		D5		D6		D7		E10		E5A		E5A	
			Depth interval	4 - 5 ft		1.5 - 2 ft		1.5 - 2.04 ft		1.5 - 2.04 ft		3.5 - 4 ft		1.5 - 2 ft		3 - 3.5 ft		2 - 2.5 ft		0.52 - 1.12 ft		1.96 - 2.65 ft	
			Sample ID	D10S4		D4S1.5		D4A1.5		D4A1.5D		D5S3.5-		D6S1.5		D7S3.0		E10S2		E5A0.5b		E5A1.96	
			Lab ID	689444		667690		J8972-33		J8972-34		665807		669392		666241		666264		J8861-18		J8861-17	
			Date collected	11/17/2003 1:47:00 PM		8/27/2003 11:25:00 AM		9/7/2005 8:34:00 AM		9/7/2005 8:34:00 AM		8/20/2003 9:20:00 AM		9/3/2003 11:40:00 AM		8/21/2003 2:10:00 PM		8/21/2003 4:05:00 PM		9/6/2005 2:09:00 PM		9/6/2005 2:23:00 PM	
			Sample Type	N		N		N		FD		N		N		N		N		N		N	
			Depth to Groundwater	4.5		3.8		3.8		3.8		4		3.3		4.4		4.9		3.8		3.8	
			Excavated													Yes							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																				
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 10	UJ	< 0.48	U	< 0.0063	U	< 0.0062	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0059	U	< 0.0071	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 10	UJ	< 0.48	U	< 0.0075	U	< 0.0074	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0071	U	< 0.0085	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 10	UJM	< 0.48	U	< 0.0083	U	< 0.0082	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0079	U	< 0.0094	U
1-1'-BIPHENYL	92-52-4	90	mg/kg																				
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 10	UJ	< 0.48	U	< 0.009	U	< 0.0088	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0085	U	< 0.01	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 10	UJ	< 0.48	UJ	< 0.052	U	< 0.051	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.049	U	< 0.059	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 10	UJ	< 0.48	UJ	< 0.044	U	< 0.043	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.042	U	< 0.05	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 10	U	< 0.48	U	< 0.054	U	< 0.053	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.051	U	< 0.061	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 10	UJ	< 0.48	UJ	< 0.052	U	< 0.051	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.049	U	< 0.058	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 52	UJ	< 2.5	UJ	< 0.019	U	< 0.018	U	< 2.6	UJ	< 3.4	UJ	< 2	U	< 2.4	U	< 0.018	U	< 0.021	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 10	UJM	< 0.48	U	< 0.0082	U	< 0.0081	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0077	U	< 0.0092	U
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																				
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 10	UJM	< 0.48	U	< 0.008	U	< 0.0079	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0076	U	< 0.009	U
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 10	UJ	< 0.48	U	< 0.0086	U	< 0.0085	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0081	U	< 0.0097	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 10	UJ	< 0.48	UJ	< 0.055	U	< 0.054	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.052	U	< 0.062	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 10	UJ	< 0.48	U	0.0729	J	0.137		< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	0.0779	J	< 0.0063	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 10	UJ	< 0.48	UJ	< 0.043	U	< 0.043	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.041	U	< 0.049	U
2-NITROANILINE	88-74-4	-	mg/kg	< 52	UJM	< 2.5	U	< 0.012	U	< 0.012	U			< 3.4	UJ	< 2	U	< 2.4	U	< 0.011	U	< 0.013	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 10	UJ	< 0.48	U	< 0.054	U	< 0.053	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.051	U	< 0.061	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 10	UJM	< 0.48	U	< 0.011	U	< 0.01	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.01	U	< 0.012	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 10	U	< 0.48	U	< 0.017	U	< 0.017	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.016	U	< 0.019	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 10	UJ	< 0.48	UJ	< 0.044	U	< 0.043	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.042	U	< 0.05	U
3-NITROANILINE	99-09-2	-	mg/kg	< 52	UJ	< 2.5	U	< 0.011	U	< 0.011	U	< 2.6	U	< 3.4	UJ	< 2	U	< 2.4	U	< 0.011	U	< 0.013	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 52	UJM	< 2.5	UJ	< 0.052	U	< 0.051	U			< 3.4	UJ	< 2	U	< 2.4	U	< 0.049	U	< 0.058	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 10	UJ	< 0.48	U	< 0.0062	U	< 0.0061	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0059	U	< 0.007	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 10	UJ	< 0.48	UJ	< 0.052	U	< 0.051	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.049	U	< 0.058	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 10	UJ	< 0.48	U	< 0.0072	U	< 0.007	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0068	U	< 0.008	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 52	UJ	< 2.5	U	< 0.074	U	< 0.072	U	< 2.6	UJ	< 3.4	UJ	< 2	U	< 2.4	U	< 0.07	U	< 0.083	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	3.7	J	< 0.48	U	0.0588	J	0.0886	J	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	0.211		< 0.0055	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 10	UJ	< 0.48	U	< 0.023	U	< 0.022	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	0.0492	J	< 0.025	U
ACETOPHENONE	98-86-2	2	mg/kg																				
ANTHRACENE	120-12-7	1500	mg/kg	5.6	J	< 0.48	U	0.0328	J	0.0588	J	< 0.57	U	< 0.65	UJ	0.11	J	< 0.46	U	0.864		< 0.008	U
ATRAZINE	1912-24-9	**0.2**	mg/kg																				
BENZALDEHYDE	100-52-7	-	mg/kg																				
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	**6.1**	**J**	0.058	J	0.0264		0.0421	J	< 0.57	U	< 0.65	UJM	0.42		< 0.46	U	**3.78**		< 0.0054	U
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**4.4**	**J**	< 0.48	UM	< 0.0082	U	0.0291	J	< 0.57	UM	< 0.65	UJM	**0.36**	**J**	< 0.46	UM	**3.06**		< 0.0093	U
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	**3.6**	**J**	0.05	J	< 0.0065	U	< 0.0064	U	< 0.51	U	< 0.65	UJM	0.31	J	< 0.46	U	**4.06**		< 0.0073	U
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	2.4	J	< 0.48	U	< 0.0079	U	0.0282	J	< 0.57	U	< 0.65	UJ	0.24	J	< 0.46	U	1.28		< 0.0089	U
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	3.2	J	< 0.48	U	< 0.0073	U	< 0.0072	U	< 0.51	U	< 0.65	UJ	0.34	J	< 0.46	U	3.17		< 0.0083	U
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 10	UJ	< 0.48	UJ					< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U				
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 10	UJ	< 0.48	U	< 0.0094	U	< 0.0092	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0089	U	< 0.011	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 10	UJ	< 0.48	U	< 0.007	U	< 0.0069	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0066	U	< 0.0079	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 10	UJM	< 0.48	UM	< 0.017	U	< 0.016	U	< 0.51	UM	< 0.65	UJM	< 0.39	U	< 0.46	UM	< 0.016	U	< 0.019	U
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 10	UJ	0.092	B	< 0.0073	U	< 0.0072	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	0.102		< 0.0083	U
CAPROLACTAM	105-60-2	8	mg/kg																				
CARBAZOLE	86-74-8	-	mg/kg	2.9	J	< 0.48	U	< 0.0064	U	< 0.0063	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	0.209		< 0.0072	U
CHLOROPHENOLS	58-90-2	-	mg/kg																				
CHRYSENE	218-01-9	**52**	mg/kg	5.2	J	0.081	J	0.036	J	0.0459	J	< 0.57	U	< 0.65	UJ	0.43		< 0.46	U	3.52		< 0.0071	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		D10		D4		D4A		D4A		D5		D6		D7		E10		E5A		E5A	
				Depth interval		4 - 5 ft		1.5 - 2 ft		1.5 - 2.04 ft		1.5 - 2.04 ft		3.5 - 4 ft		1.5 - 2 ft		3 - 3.5 ft		2 - 2.5 ft		0.52 - 1.12 ft		1.96 - 2.65 ft	
				Sample ID		D10S4		D4S1.5		D4A1.5		D4A1.5D		D5S3.5-		D6S1.5		D7S3.0		E10S2		E5A0.5b		E5A1.96	
				Lab ID		689444		667690		J8972-33		J8972-34		665807		669392		666241		666264		J8861-18		J8861-17	
				Date collected		11/17/2003 1:47:00 PM		8/27/2003 11:25:00 AM		9/7/2005 8:34:00 AM		9/7/2005 8:34:00 AM		8/20/2003 9:20:00 AM		9/3/2003 11:40:00 AM		8/21/2003 2:10:00 PM		8/21/2003 4:05:00 PM		9/6/2005 2:09:00 PM		9/6/2005 2:23:00 PM	
				Sample Type		N		N		N		FD		N		N		N		N		N		N	
				Depth to Groundwater		4.5		3.8		3.8		3.8		4		3.3		4.4		4.9		3.8		3.8	
				Excavated														Yes							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 10	UJM	< 0.48	UM	< 0.013	U	< 0.013	U	< 0.51	UM	< 0.65	UJM	0.085	J	< 0.46	UM	0.271		< 0.015	U
DIBENZOFURAN	132-64-9	-	mg/kg	3.5	J	< 0.48	U	< 0.0058	U	< 0.0057	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	0.217		< 0.0065	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 10	UJ	< 0.48	U	< 0.0067	U	< 0.0066	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0063	U	< 0.0075	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 10	U	< 0.48	U	< 0.0051	U	< 0.005	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0048	U	< 0.0057	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 10	UJ	< 0.48	U	< 0.0067	U	< 0.0066	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0063	U	< 0.0075	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 10	UJ	< 0.48	U	< 0.0082	U	< 0.0081	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0078	U	< 0.0093	U
FLUORANTHENE	206-44-0	840	mg/kg	14	J	0.11	J	0.0434	J	0.0767	J	< 0.57	U	< 0.65	UJ	0.83		< 0.46	U	7.44		< 0.0058	U
FLUORENE	86-73-7	110	mg/kg	4.6	J	< 0.48	U	0.0494	J	0.065	J	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	0.205		< 0.0087	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 10	UM	< 0.48	U	< 0.0065	U	< 0.0064	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0062	U	< 0.0073	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 10	UJM	< 0.48	UM	< 0.0073	U	< 0.0072	U	< 0.51	UM	< 0.65	UJM	< 0.39	UM	< 0.46	UM	< 0.0069	U	< 0.0083	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 10	UJ	< 0.48	U	< 0.0097	U	< 0.0095	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0091	U	< 0.011	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 10	UJ	< 0.48	U	< 0.0078	U	< 0.0077	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0074	U	< 0.0088	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	2.3	J	< 0.48	U	< 0.013	U	0.0248	J	< 0.57	U	< 0.65	UJM	0.23	J	< 0.46	U	1.54		< 0.014	U
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 10	U	< 0.48	U	< 0.0075	U	< 0.0074	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0071	U	< 0.0085	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 10	UM	< 0.48	U					< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U				
NAPHTHALENE	91-20-3	**16**	mg/kg	< 10	UJM	< 0.48	U	0.0586	J	0.135		< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	0.184		< 0.0066	U
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 10	UJ	< 0.48	U	< 0.0045	U	< 0.0045	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0043	U	< 0.0051	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 10	UJM	< 0.48	UM	< 0.0065	U	< 0.0064	U	< 0.57	UM	< 0.65	UJM	< 0.39	UM	< 0.46	UM	< 0.0061	U	< 0.0073	U
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 10	UJ	< 0.48	U	< 0.0057	U	< 0.0056	U	< 0.51	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.0054	U	< 0.0064	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 10	U	< 0.48	U	< 0.013	U	< 0.012	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.012	U	< 0.014	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 52	UJM	< 2.5	UJ	< 0.058	U	< 0.057	U	< 2.6	UJ	< 3.4	UJM	< 2	U	< 2.4	U	< 0.055	U	< 0.065	U
PHENANTHRENE	85-01-8	-	mg/kg	18	J	0.13	J	0.131		0.23		< 0.57	U	< 0.65	UJ	0.39	J	< 0.46	U	2.84		< 0.007	U
PHENOL	108-95-2	**5**	mg/kg	< 10	UJ	< 0.48	U	< 0.052	U	< 0.051	U	< 0.57	U	< 0.65	UJ	< 0.39	U	< 0.46	U	< 0.049	U	< 0.059	U
P-NITROANILINE	100-01-6	-	mg/kg	< 52	U	< 2.5	U	< 0.01	U	< 0.01	U			< 3.4	UJ	< 2	U	< 2.4	U	< 0.0096	U	< 0.011	U
PYRENE	129-00-0	550	mg/kg	11	J	0.11	J	0.0742	J	0.0974		< 0.57	U	< 0.65	UJ	0.75		< 0.46	U	8.04		0.0265	J

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	E7		EF-32		EF-33		EF-33		EF-37		EF-38		EF-38A		EF-40		EF-41		EF-41	
			Depth interval	2 - 2.5 ft		2.5 - 3 ft		2.5 - 3 ft		6 - 6.5 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft	
			Sample ID	E7S2-		EF-B32-2.5		EF-B33-2.5		EF-B33-6.0		EF-B37-2.5		EF-B38-2.5		EF-B38A-2.5		EF-B40-2.5		EF-B41-2.5		EF-B41-2.5x	
			Lab ID	669386		460-25657-31		460-25657-26		460-25657-15		460-25705-30		460-25705-34		460-25760-3		460-25760-11		460-25804-27		460-25804-28	
			Date collected	9/3/2003 8:10:00 AM		4/21/2011 12:10:00 PM		4/21/2011 9:55:00 AM		4/21/2011 1:10:00 PM		4/22/2011 11:30:00 AM		4/22/2011 2:15:00 PM		4/25/2011 9:10:00 AM		4/25/2011 12:55:00 PM		4/26/2011 10:50:00 AM		4/26/2011 11:00:00 AM	
			Sample Type	N		N		N		N		N		N		N		N		N		FD	
			Depth to Groundwater	5.7		5.4		6.1		6.1		6.5		5.6		5.6		5.5		5.2		5.2	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg			< 0.068	U	< 0.052	U	< 0.056	U	< 0.054	U	< 0.058	U	< 0.055	U	< 0.052	U	< 0.053	U	< 0.055	U
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 0.62	UJ																		
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 0.62	UJ																		
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 0.62	UJ																		
1-1'-BIPHENYL	92-52-4	90	mg/kg			< 0.083	U	< 0.063	U	< 0.068	U	< 0.066	U	< 0.071	U	< 0.067	U	< 0.064	U	< 0.065	U	< 0.067	U
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 0.62	UJ	< 0.066	U	< 0.05	U	< 0.054	U	< 0.052	U	< 0.057	U	< 0.053	U	< 0.051	U	< 0.052	U	< 0.053	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.62	UJ	< 0.097	U	< 0.074	U	< 0.08	U	< 0.077	U	< 0.083	U	< 0.078	U	< 0.075	U	< 0.076	U	< 0.078	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.62	UJ	< 0.09	U	< 0.069	U	< 0.074	U	< 0.072	U	< 0.078	U	< 0.073	U	< 0.07	U	< 0.07	U	< 0.073	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.62	UJ	< 0.081	U	< 0.061	U	< 0.066	U	< 0.064	U	< 0.069	U	< 0.065	U	< 0.062	U	< 0.063	U	< 0.065	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.62	UJ	< 0.081	U	< 0.061	U	< 0.066	U	< 0.064	U	< 0.069	U	< 0.065	U	< 0.062	U	< 0.063	U	< 0.065	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 3.2	UJ	< 0.11	U	< 0.081	U	< 0.088	U	< 0.085	U	< 0.092	U	< 0.086	U	< 0.083	U	< 0.084	U	< 0.086	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.62	UJ																		
2,4-Dinitrotoluene	25321-14-6	-	mg/kg			< 0.015	U	< 0.011	U	< 0.012	U	< 0.012	U	< 0.013	U	< 0.012	U	< 0.011	U	< 0.012	U	< 0.012	U
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.62	UJ	< 0.013	U	< 0.0097	U	< 0.011	U	< 0.01	U	< 0.011	U	< 0.01	U	< 0.0099	U	< 0.01	U	< 0.01	U
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.62	UJ	< 0.071	U	< 0.054	U	< 0.059	U	< 0.056	U	< 0.061	U	< 0.057	U	< 0.055	U	< 0.056	U	< 0.057	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.62	UJ	< 0.067	U	< 0.051	U	< 0.055	U	< 0.053	U	< 0.058	U	< 0.054	U	< 0.052	U	< 0.053	U	< 0.054	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.62	UJ	< 0.074	U	< 0.056	U	< 0.061	U	< 0.058	U	< 0.063	U	< 0.059	U	< 0.057	U	< 0.058	U	< 0.059	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.62	UJ	< 0.073	U	< 0.055	U	< 0.06	U	< 0.058	U	< 0.062	U	< 0.058	U	< 0.056	U	< 0.057	U	< 0.058	U
2-NITROANILINE	88-74-4	-	mg/kg	< 3.2	UJ	< 0.14	U	< 0.1	U	< 0.11	U	< 0.11	U	< 0.12	U	< 0.11	U	< 0.11	U	< 0.11	U	< 0.11	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.62	UJ	< 0.083	U	< 0.063	U	< 0.068	U	< 0.066	U	< 0.071	U	< 0.067	U	< 0.064	U	< 0.065	U	< 0.067	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.62	UJ	< 0.11	U	< 0.085	U	< 0.092	U	< 0.089	U	< 0.096	U	< 0.09	U	< 0.086	U	< 0.087	U	< 0.09	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.62	UJ	< 0.058	U	< 0.044	U	< 0.048	U	< 0.046	U	< 0.05	U	< 0.047	U	< 0.045	U	< 0.045	U	< 0.047	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.62	UJ	< 0.083	U	< 0.063	U	< 0.068	U	< 0.066	U	< 0.071	U	< 0.066	U	< 0.064	U	< 0.065	U	< 0.066	U
3-NITROANILINE	99-09-2	-	mg/kg	< 3.2	UJ	< 0.11	U	< 0.087	U	< 0.094	U	< 0.09	U	< 0.098	U	< 0.092	U	< 0.088	U	< 0.089	U	< 0.092	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 3.2	UJ	< 0.24	U	< 0.18	U	< 0.2	U	< 0.19	U	< 0.21	U	< 0.19	U	< 0.19	U	< 0.19	U	< 0.19	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.62	UJ	< 0.09	U	< 0.068	U	< 0.074	U	< 0.071	U	< 0.077	U	< 0.072	U	< 0.069	U	< 0.07	U	< 0.072	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.62	UJ	< 0.085	U	< 0.064	U	< 0.07	U	< 0.067	U	< 0.073	U	< 0.068	U	< 0.065	U	< 0.066	U	< 0.068	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.62	UJ	< 0.087	U	< 0.066	U	< 0.071	U	< 0.069	U	< 0.075	U	< 0.07	U	< 0.067	U	< 0.068	U	< 0.07	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 3.2	UJ	< 0.13	U	< 0.098	U	< 0.11	U	< 0.1	U	< 0.11	U	< 0.1	U	< 0.1	U	< 0.1	U	< 0.1	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	0.14	J	< 0.072	U	< 0.055	U	< 0.059	U	< 0.057	U	0.087	J	< 0.058	U	< 0.056	U	< 0.056	U	< 0.058	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.62	UJ	< 0.072	U	< 0.055	U	< 0.059	U	< 0.057	U	0.88		< 0.058	U	< 0.056	U	< 0.056	U	< 0.058	U
ACETOPHENONE	98-86-2	2	mg/kg			< 0.075	U	< 0.057	U	< 0.062	U	< 0.059	U	< 0.064	U	< 0.06	U	< 0.058	U	< 0.058	U	< 0.06	U
ANTHRACENE	120-12-7	1500	mg/kg	0.64	J	0.21	J	< 0.068	U	< 0.073	U	< 0.071	U	1.5		< 0.072	U	< 0.069	U	< 0.07	U	< 0.072	U
ATRAZINE	1912-24-9	**0.2**	mg/kg			< 0.094	U	< 0.071	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.076	U	< 0.073	U	< 0.073	U	< 0.076	U
BENZALDEHYDE	100-52-7	-	mg/kg			< 0.032	U	< 0.024	U	< 0.026	U	< 0.025	U	< 0.027	U	< 0.025	U	< 0.024	U	< 0.025	U	< 0.025	U
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	**2**	**J**	**0.63**		0.42		0.34		0.27		**5.2**		0.1		< 0.0072	U	0.026	J	0.026	J
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**1.6**	**J**	**0.7**		**0.64**		**0.42**		**0.25**		**4.1**		0.1	J	< 0.0048	U	0.013	J	0.019	J
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	1.3	J	0.8		1.1		0.51		0.33	J	**4.6**	**J**	0.12	J	< 0.0058	U	0.018	J	0.025	J
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	0.99	J	0.53		0.88		0.3	J	0.15	J	2.2		< 0.043	U	< 0.041	U	< 0.042	U	< 0.043	U
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	1.4	J	0.35		0.42		0.21		0.12		1.7		0.042		< 0.0055	U	< 0.0055	U	< 0.0057	U
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 0.62	UJ																		
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.62	UJ	< 0.059	U	< 0.045	U	< 0.048	U	< 0.047	U	< 0.051	U	< 0.047	U	< 0.045	U	< 0.046	U	< 0.047	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.62	UJ	< 0.072	U	< 0.055	U	< 0.059	U	< 0.057	U	< 0.062	U	< 0.058	U	< 0.056	U	< 0.056	U	< 0.058	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.62	UJM	< 0.01	U	< 0.0080	U	< 0.0086	U	< 0.0083	U	< 0.0090	U	< 0.0084	U	< 0.0081	U	< 0.0082	U	< 0.0084	U
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.62	UJ	< 0.067	U	< 0.051	U	< 0.055	U	< 0.053	U	< 0.057	U	< 0.054	U	< 0.052	U	< 0.052	U	< 0.054	U
CAPROLACTAM	105-60-2	8	mg/kg			< 0.069	U	< 0.053	U	< 0.057	U	< 0.055	U	< 0.059	U	< 0.056	U	< 0.054	U	< 0.054	U	< 0.056	U
CARBAZOLE	86-74-8	-	mg/kg	0.15	J	0.12	J	< 0.061	U	< 0.066	U	< 0.064	U	< 0.069	U	< 0.064	U	< 0.062	U	< 0.063	U	< 0.064	U
CHLOROPHENOLS	58-90-2	-	mg/kg			< 0.1	U	< 0.077	U	< 0.083	U	< 0.08	U	< 0.087	U	< 0.081	U	< 0.078	U	< 0.079	U	< 0.081	U
CHRYSENE	218-01-9	**52**	mg/kg	1.8	J	0.77		0.58		0.45		0.36	J	4.5		0.1	J	< 0.057	U	< 0.057	U	< 0.059	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
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PPG Industries, Jersey City, New Jersey
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AECOM

				Location		E7		EF-32		EF-33		EF-33		EF-37		EF-38		EF-38A		EF-40		EF-41		EF-41	
				Depth interval		2 - 2.5 ft		2.5 - 3 ft		2.5 - 3 ft		6 - 6.5 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft	
				Sample ID		E7S2-		EF-B32-2.5		EF-B33-2.5		EF-B33-6.0		EF-B37-2.5		EF-B38-2.5		EF-B38A-2.5		EF-B40-2.5		EF-B41-2.5		EF-B41-2.5x	
				Lab ID		669386		460-25657-31		460-25657-26		460-25657-15		460-25705-30		460-25705-34		460-25760-3		460-25760-11		460-25804-27		460-25804-28	
				Date collected		9/3/2003 8:10:00 AM		4/21/2011 12:10:00 PM		4/21/2011 9:55:00 AM		4/21/2011 1:10:00 PM		4/22/2011 11:30:00 AM		4/22/2011 2:15:00 PM		4/25/2011 9:10:00 AM		4/25/2011 12:55:00 PM		4/26/2011 10:50:00 AM		4/26/2011 11:00:00 AM	
				Sample Type		N		N		N		N		N		N		N		N		N		FD	
				Depth to Groundwater		5.7		5.4		6.1		6.1		6.5		5.6		5.6		5.5		5.2		5.2	
				Excavated																					
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	0.32	J	0.13		0.22		0.053		0.043		**0.63**		0.012	J	< 0.0047	U	< 0.0047	U	< 0.0049	U		
DIBENZOFURAN	132-64-9	-	mg/kg	0.15	J	< 0.076	U	< 0.058	U	< 0.062	U	< 0.06	U	< 0.065	U	< 0.061	U	< 0.059	U	< 0.059	U	< 0.061	U		
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.62	UJ	< 0.068	U	< 0.051	U	< 0.056	U	< 0.054	U	< 0.058	U	< 0.054	U	< 0.052	U	< 0.053	U	< 0.054	U		
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.62	UJ	< 0.068	U	< 0.052	U	< 0.056	U	< 0.054	U	< 0.059	U	< 0.055	U	< 0.053	U	< 0.053	U	< 0.055	U		
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.62	UJ	< 0.077	U	< 0.059	U	< 0.063	U	< 0.061	U	< 0.066	U	< 0.062	U	< 0.06	U	< 0.06	U	< 0.062	U		
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.62	UJ	< 0.06	U	< 0.045	U	< 0.049	U	< 0.048	U	< 0.051	U	< 0.048	U	< 0.046	U	< 0.047	U	< 0.048	U		
FLUORANTHENE	206-44-0	840	mg/kg	4.9	J	1.5		0.54		0.81		0.56		10		0.22	J	< 0.065	U	< 0.065	U	< 0.067	U		
FLUORENE	86-73-7	110	mg/kg	0.14	J	0.12	J	< 0.065	U	< 0.07	U	< 0.068	U	0.25	J	< 0.069	U	< 0.066	U	< 0.067	U	< 0.069	U		
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.62	UJ	< 0.02	U	< 0.016	U	< 0.017	U	< 0.016	U	< 0.018	U	< 0.016	U	< 0.016	U	< 0.016	U	< 0.016	U		
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.62	UJM	< 0.0070	U	< 0.0053	U	< 0.0058	U	< 0.0055	U	< 0.0060	U	< 0.0056	U	< 0.0054	U	< 0.0055	U	< 0.0056	U		
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.62	UJ	< 0.15	U	< 0.11	U	< 0.12	U	< 0.12	U	< 0.13	U	< 0.12	U	< 0.11	U	< 0.12	U	< 0.12	U		
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.62	UJ	< 0.0085	U	< 0.0065	U	< 0.0070	U	< 0.0067	U	< 0.0073	U	< 0.0068	U	< 0.0066	U	< 0.0066	U	< 0.0068	U		
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	0.94	J	0.51		0.81		0.29		0.16		2.6		0.051		< 0.0062	U	< 0.0063	U	< 0.0065	U		
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 0.62	UJ																				
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 0.62	UJ																				
NAPHTHALENE	91-20-3	**16**	mg/kg	0.11	J	< 0.074	U	0.15	J	< 0.061	U	< 0.059	U	< 0.063	U	< 0.059	U	< 0.057	U	< 0.058	U	< 0.059	U		
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.62	UJ	< 0.011	U	< 0.0086	U	< 0.0093	U	< 0.0089	U	< 0.0097	U	< 0.0091	U	< 0.0087	U	< 0.0088	U	< 0.0091	U		
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.62	UJM	< 0.0067	U	< 0.0051	U	< 0.0055	U	< 0.0053	U	< 0.0057	U	< 0.0054	U	< 0.0052	U	< 0.0052	U	< 0.0054	U		
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.62	UJ	< 0.082	U	< 0.062	U	< 0.068	U	< 0.065	U	< 0.071	U	< 0.066	U	< 0.064	U	< 0.064	U	< 0.066	U		
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.62	UJ	< 0.063	U	< 0.048	U	< 0.052	U	< 0.05	U	< 0.054	U	< 0.051	U	< 0.049	U	< 0.05	U	< 0.051	U		
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 3.2	UJM	< 0.25	U	< 0.19	U	< 0.2	U	< 0.2	U	< 0.21	U	< 0.2	U	< 0.19	U	< 0.19	U	< 0.2	U		
PHENANTHRENE	85-01-8	-	mg/kg	2.7	J	1.1		0.25	J	0.45		0.46		2.9		0.12	J	< 0.068	U	< 0.069	U	< 0.071	U		
PHENOL	108-95-2	**5**	mg/kg	0.16	J	< 0.062	U	< 0.047	U	< 0.051	U	< 0.049	U	< 0.053	U	< 0.05	U	< 0.048	U	< 0.048	U	< 0.05	U		
P-NITROANILINE	100-01-6	-	mg/kg	< 3.2	UJ	< 0.1	U	< 0.079	U	< 0.086	U	< 0.083	U	< 0.089	U	< 0.084	U	< 0.08	U	< 0.081	U	< 0.084	U		
PYRENE	129-00-0	550	mg/kg	3.7	J	1.1		0.39		0.73		0.62		8		0.17	J	< 0.067	U	< 0.068	U	< 0.07	U		

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-42		EF-43		EF-54		EF-54		EF-64		EF-65		EF-65		EF-66		EF-66		EF-67	
			Depth interval	2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		6 - 6.5 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		6 - 6.5 ft		2.5 - 3 ft	
			Sample ID	EF-B42-2.5		EF-B43-2.5		EF-B54-2.5		EF-B54-6.0		EF-B64-2.5		EF-B65-2.5		EF-B65-2.5x		EF-B66-2.5		EF-B66-6.0		EF-B67-2.5	
			Lab ID	460-25804-32		460-25899-5		460-26847-2		460-26847-6		460-27166-10		460-27166-12		460-27166-13		460-27166-16		460-27221-7		460-27487-9	
			Date collected	4/26/2011 1:00:00 PM		4/28/2011 12:40:00 PM		5/23/2011 10:50:00 AM		5/23/2011 1:25:00 PM		6/2/2011 10:30:00 AM		6/2/2011 12:00:00 PM		6/2/2011 12:05:00 PM		6/2/2011 2:20:00 PM		6/3/2011 9:40:00 AM		6/8/2011 1:45:00 PM	
			Sample Type	N		N		N		N		N		N		FD		N		N		N	
			Depth to Groundwater	5.4		5.3		7.4		7.4		5.3		5.6		5.6		6.1		6.1		6.4	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg	< 0.06	U	< 0.053	U	< 0.051	UJ	< 0.055	UJ	< 0.062	UJ	< 0.061	UJ	< 0.062	UJ	< 0.052	UJ	< 0.055	U	< 0.054	U
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																				
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg																				
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																				
1-1'-BIPHENYL	92-52-4	90	mg/kg	< 0.074	U	< 0.065	U	< 0.063	U	< 0.067	U	< 0.075	U	< 0.074	U	0.098	J	< 0.063	U	< 0.067	U	< 0.066	U
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 0.059	U	< 0.052	U	< 0.05	U	< 0.054	U	< 0.06	U	< 0.059	U	< 0.06	U	< 0.05	U	< 0.053	U	< 0.052	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.086	U	< 0.076	U	< 0.073	U	< 0.079	U	< 0.088	U	< 0.087	U	< 0.088	U	< 0.074	U	< 0.078	U	< 0.077	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.08	U	< 0.07	U	< 0.068	U	< 0.073	U	< 0.082	U	< 0.08	U	< 0.082	U	< 0.069	U	< 0.073	U	< 0.071	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.072	U	< 0.063	U	< 0.061	U	< 0.066	U	< 0.073	U	< 0.072	U	< 0.073	U	< 0.062	U	< 0.065	U	< 0.064	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.072	U	< 0.063	U	< 0.061	U	< 0.066	U	< 0.073	U	< 0.072	U	< 0.073	U	< 0.062	U	< 0.065	U	< 0.064	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 0.095	U	< 0.083	UJ	< 0.081	U	< 0.087	U	< 0.097	U	< 0.095	U	< 0.097	U	< 0.081	U	< 0.086	U	< 0.085	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg																				
2,4-Dinitrotoluene	25321-14-6	-	mg/kg	< 0.013	U	< 0.011	U	< 0.011	U	< 0.012	U	< 0.013	U	< 0.013	U	< 0.013	U	< 0.011	U	< 0.012	U	< 0.012	U
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.011	U	< 0.01	U	< 0.0097	U	< 0.01	U	< 0.012	U	< 0.011	U	< 0.012	U	< 0.0098	U	< 0.01	U	< 0.01	U
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.063	U	< 0.055	U	< 0.054	U	< 0.058	U	< 0.065	U	< 0.063	U	< 0.065	U	< 0.054	U	< 0.058	U	< 0.056	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.06	U	< 0.053	U	< 0.051	U	< 0.055	U	< 0.061	U	< 0.06	U	< 0.061	U	< 0.051	U	< 0.054	U	< 0.053	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.065	U	< 0.057	U	< 0.055	U	< 0.06	U	< 0.067	U	0.3	J	0.38	J	< 0.056	U	< 0.06	U	< 0.058	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.064	U	< 0.057	U	< 0.055	U	< 0.059	U	< 0.066	U	< 0.065	U	< 0.066	U	< 0.055	U	< 0.059	U	< 0.057	U
2-NITROANILINE	88-74-4	-	mg/kg	< 0.12	U	< 0.11	U	< 0.1	U	< 0.11	U	< 0.13	U	< 0.12	U	< 0.13	U	< 0.11	U	< 0.11	U	< 0.11	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.074	U	< 0.065	U	< 0.062	U	< 0.067	U	< 0.075	U	< 0.074	U	< 0.075	U	< 0.063	U	< 0.067	U	< 0.066	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.099	U	< 0.087	U	< 0.084	U	< 0.091	U	< 0.1	U	< 0.1	U	< 0.1	U	< 0.085	U	< 0.09	U	< 0.088	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.051	U	< 0.045	U	< 0.044	U	< 0.047	U	< 0.053	U	< 0.052	U	< 0.053	U	< 0.044	U	< 0.047	U	< 0.046	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.073	U	< 0.064	U	< 0.062	U	< 0.067	U	< 0.075	U	< 0.074	U	< 0.075	U	< 0.063	U	< 0.067	U	< 0.065	U
3-NITROANILINE	99-09-2	-	mg/kg	< 0.1	U	< 0.089	U	< 0.086	U	< 0.093	U	< 0.1	U	< 0.1	U	< 0.1	U	< 0.087	U	< 0.092	U	< 0.09	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 0.21	U	< 0.19	U	< 0.18	U	< 0.2	U	< 0.22	U	< 0.22	U	< 0.22	U	< 0.18	U	< 0.19	U	< 0.19	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.08	U	< 0.07	U	< 0.068	U	< 0.073	U	< 0.081	U	< 0.08	U	< 0.082	U	< 0.068	U	< 0.073	U	< 0.071	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.075	U	< 0.066	U	< 0.064	U	< 0.069	U	< 0.077	U	< 0.075	U	< 0.077	U	< 0.064	U	< 0.068	U	< 0.067	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.077	U	< 0.068	U	< 0.065	U	< 0.07	U	< 0.079	U	< 0.077	U	< 0.079	U	< 0.066	U	< 0.07	U	< 0.069	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 0.12	U	< 0.1	U	< 0.098	U	< 0.11	U	< 0.12	U	< 0.12	U	< 0.12	U	< 0.099	U	< 0.1	U	< 0.1	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.064	U	< 0.056	U	< 0.054	U	< 0.058	U	0.13	J	0.61		0.85		< 0.055	U	< 0.058	U	< 0.057	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.064	U	< 0.056	U	< 0.054	U	< 0.059	U	< 0.065	U	0.088	J	0.14	J	< 0.055	U	< 0.058	U	< 0.057	U
ACETOPHENONE	98-86-2	2	mg/kg	< 0.066	U	< 0.058	U	< 0.056	U	< 0.061	U	< 0.068	U	< 0.067	U	< 0.068	U	< 0.057	U	< 0.06	U	< 0.059	U
ANTHRACENE	120-12-7	1500	mg/kg	< 0.079	U	< 0.069	U	< 0.067	U	0.11	J	0.41	J	1.6		2.1		< 0.068	U	0.1	J	< 0.07	U
ATRAZINE	1912-24-9	**0.2**	mg/kg	< 0.084	U	< 0.073	U	< 0.071	U	< 0.076	U	< 0.085	U	< 0.084	U	< 0.086	U	< 0.072	U	< 0.076	U	< 0.074	U
BENZALDEHYDE	100-52-7	-	mg/kg	< 0.028	U	< 0.025	U	< 0.024	U	< 0.026	U	< 0.029	U	0.14	J	< 0.029	U	< 0.024	U	< 0.026	U	< 0.025	U
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	0.16		0.11		< 0.0070	U	0.29		**0.99**		**3.3**		**4.5**		0.2		0.33		< 0.0074	U
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	0.15		0.11	J	< 0.0047	U	**0.24**		**1.1**		**3.3**		**4.4**		**0.22**		**0.29**		< 0.0049	U
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	0.15		0.13		< 0.0057	U	0.26		1.3		**4.3**		**5.7**		0.24		0.3		< 0.0059	U
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	0.089	J	0.049	J	< 0.04	U	0.14	J	0.87		3		4.1		0.16	J	0.25	J	< 0.042	U
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	0.079		0.042		< 0.0053	U	0.12		0.58		1.5		1.9		0.088		0.11		< 0.0056	U
BENZYL ALCOHOL	100-51-6	-	mg/kg																				
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.052	U	< 0.046	U	< 0.044	U	< 0.048	U	< 0.053	U	< 0.052	U	< 0.054	U	< 0.045	U	< 0.048	U	< 0.047	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.064	U	< 0.056	U	< 0.054	U	< 0.058	U	< 0.065	U	< 0.064	U	< 0.065	U	< 0.055	U	< 0.058	U	< 0.057	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.0093	U	< 0.0082	U	< 0.0079	U	< 0.0085	U	< 0.0095	U	< 0.0094	U	< 0.0096	U	< 0.0080	U	< 0.0085	U	< 0.0083	U
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.059	U	< 0.052	U	< 0.05	U	< 0.054	U	< 0.061	U	< 0.06	U	< 0.061	U	< 0.051	U	0.5		< 0.053	U
CAPROLACTAM	105-60-2	8	mg/kg	< 0.061	U	< 0.054	U	< 0.052	U	< 0.056	U	< 0.063	U	< 0.062	U	< 0.063	U	< 0.053	U	0.2	J	< 0.055	U
CARBAZOLE	86-74-8	-	mg/kg	< 0.071	U	< 0.063	U	< 0.06	U	< 0.065	U	0.2	J	0.61		0.69		< 0.061	U	< 0.065	U	< 0.063	U
CHLOROPHENOLS	58-90-2	-	mg/kg	< 0.09	U	< 0.079	UJ	< 0.076	U	< 0.082	U	< 0.092	UJ	< 0.09	UJ	< 0.092	UJ	< 0.077	UJ	< 0.082	UJ	< 0.08	U
CHRYSENE	218-01-9	**52**	mg/kg	0.2	J	0.11	J	< 0.055	U	0.3	J	1.2		3.4		4.4		0.22	J	0.36	J	< 0.058	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		EF-42		EF-43		EF-54		EF-54		EF-64		EF-65		EF-65		EF-66		EF-66		EF-67	
				Depth interval		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		6 - 6.5 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		6 - 6.5 ft		2.5 - 3 ft	
				Sample ID		EF-B42-2.5		EF-B43-2.5		EF-B54-2.5		EF-B54-6.0		EF-B64-2.5		EF-B65-2.5		EF-B65-2.5x		EF-B66-2.5		EF-B66-6.0		EF-B67-2.5	
				Lab ID		460-25804-32		460-25899-5		460-26847-2		460-26847-6		460-27166-10		460-27166-12		460-27166-13		460-27166-16		460-27221-7		460-27487-9	
				Date collected		4/26/2011 1:00:00 PM		4/28/2011 12:40:00 PM		5/23/2011 10:50:00 AM		5/23/2011 1:25:00 PM		6/2/2011 10:30:00 AM		6/2/2011 12:00:00 PM		6/2/2011 12:05:00 PM		6/2/2011 2:20:00 PM		6/3/2011 9:40:00 AM		6/8/2011 1:45:00 PM	
				Sample Type		N		N		N		N		N		N		FD		N		N		N	
				Depth to Groundwater		5.4		5.3		7.4		7.4		5.3		5.6		5.6		6.1		6.1		6.4	
				Excavated																					
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	0.012	J	< 0.0047	U	< 0.0046	U	< 0.0049	U	0.17		**0.74**		**1**		0.029	J	< 0.0049	U	< 0.0048	U
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.067	U	< 0.059	U	< 0.057	U	< 0.062	U	0.098	J	0.42	J	0.53		< 0.058	U	< 0.061	U	< 0.06	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.06	U	< 0.053	U	< 0.051	U	< 0.055	U	< 0.061	U	< 0.06	U	< 0.062	U	< 0.052	U	< 0.055	U	< 0.054	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.061	U	< 0.053	U	< 0.051	U	< 0.055	U	< 0.062	U	< 0.061	U	< 0.062	U	< 0.052	U	< 0.055	U	< 0.054	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.069	U	< 0.06	U	< 0.058	U	< 0.063	U	< 0.07	U	< 0.069	U	< 0.07	U	< 0.059	U	< 0.062	U	< 0.061	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.053	U	< 0.047	U	< 0.045	U	< 0.049	U	< 0.054	U	< 0.053	U	< 0.054	U	< 0.046	U	< 0.048	U	< 0.047	U
FLUORANTHENE	206-44-0	840	mg/kg	0.42	J	0.21	J	< 0.063	U	0.44		2.7		7.3		8.2		0.41		0.44		< 0.066	U
FLUORENE	86-73-7	110	mg/kg	< 0.076	U	< 0.067	U	< 0.064	U	< 0.069	U	0.13	J	0.76		1		< 0.065	U	< 0.069	U	< 0.068	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.018	U	< 0.016	U	< 0.015	U	< 0.017	U	< 0.019	U	< 0.018	U	< 0.019	U	< 0.016	U	< 0.017	U	< 0.016	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.0062	U	< 0.0055	U	< 0.0053	U	< 0.0057	U	< 0.0063	U	< 0.0062	U	< 0.0064	U	< 0.0053	U	< 0.0057	U	< 0.0055	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.13	U	< 0.11	U	< 0.11	U	< 0.12	U	< 0.13	U	< 0.13	U	< 0.13	U	< 0.11	U	< 0.12	U	< 0.12	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.0076	U	< 0.0066	U	< 0.0064	U	< 0.0069	U	< 0.0077	U	< 0.0076	U	< 0.0077	U	< 0.0065	U	< 0.0069	U	< 0.0067	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	0.056		0.043		< 0.0061	U	0.13		0.83		3.1		4.2		0.16		0.24		< 0.0064	U
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg																				
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg																				
NAPHTHALENE	91-20-3	**16**	mg/kg	< 0.066	U	< 0.058	U	< 0.056	U	< 0.06	U	< 0.067	U	0.58		0.77		< 0.056	U	< 0.06	U	< 0.058	U
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.01	U	< 0.0088	U	< 0.0085	U	< 0.0092	U	< 0.01	U	< 0.01	U	< 0.01	U	< 0.0086	U	< 0.0091	U	< 0.0089	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.0059	U	< 0.0052	U	< 0.0050	U	< 0.0054	U	< 0.0060	U	< 0.0059	U	< 0.0061	U	< 0.0051	U	< 0.0054	U	< 0.0053	U
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.073	U	< 0.064	U	< 0.062	U	< 0.067	U	< 0.075	U	< 0.073	U	< 0.075	U	< 0.063	U	< 0.066	U	< 0.065	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.056	U	< 0.049	U	< 0.048	U	< 0.052	U	< 0.058	U	< 0.057	U	< 0.058	U	< 0.048	U	< 0.051	U	< 0.05	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 0.22	U	< 0.19	U	< 0.19	U	< 0.2	U	< 0.22	U	< 0.22	U	< 0.22	U	< 0.19	U	< 0.2	U	< 0.2	U
PHENANTHRENE	85-01-8	-	mg/kg	0.25	J	0.17	J	< 0.066	U	0.37	J	2.2		5.9		7.4		0.28	J	0.45		< 0.07	U
PHENOL	108-95-2	**5**	mg/kg	< 0.055	U	< 0.048	U	< 0.047	U	< 0.05	U	< 0.056	U	< 0.055	U	< 0.056	U	< 0.047	U	< 0.05	U	< 0.049	U
P-NITROANILINE	100-01-6	-	mg/kg	< 0.092	U	< 0.081	U	< 0.078	U	< 0.085	U	< 0.094	U	< 0.093	U	< 0.095	U	< 0.079	U	< 0.084	U	< 0.082	U
PYRENE	129-00-0	550	mg/kg	0.37	J	0.25	J	< 0.066	U	0.54		2.3		6.3		7.9		0.37	J	0.81		< 0.069	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-68		EF-69		EF-69		EF-70		F01		F01		F05		F2A		F2A		F2A	
			Depth interval	2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		1 - 1.5 ft		3 - 3.5 ft		1 - 1.5 ft		0 - 0.85 ft		4 - 4.2 ft		4.86 - 6.2 ft	
			Sample ID	EF-B68-2.5		EF-B69-2.5		EF-B69-2.5x		EF-B70-2.5		F01-1.0		F01S3		F05-1.0		F2A0-		F2A4		F2A4.86	
			Lab ID	460-27487-8		460-27487-1		460-27487-2		460-27487-3		662007		662008		662172		J8972-7		J8972-8		J8972-13	
			Date collected	6/8/2011 1:13:00 PM		6/8/2011 10:26:00 AM		6/8/2011 10:30:00 AM		6/8/2011 10:55:00 AM		8/5/2003		8/5/2003		8/6/2003		9/7/2005 10:45:00 AM		9/7/2005 11:05:00 AM		9/7/2005 11:45:00 AM	
			Sample Type	N		N		FD		N		N		N		N		N		N		N	
			Depth to Groundwater	6.7		5.7		5.7		5.6		5.4		5.4		3.5		5.3		5.3		5.3	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg	< 0.05	U	< 0.053	U	< 0.053	U	< 0.052	U												
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg									< 1.4	U	< 0.45	U	< 0.39	U	< 0.0057	U	< 0.006	U	< 0.0068	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg									< 1.4	U	< 0.45	U	< 0.39	U	< 0.0068	U	< 0.0072	U	< 0.0081	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg									< 1.4	U	< 0.45	U	< 0.39	U	< 0.0075	U	< 0.008	U	< 0.009	U
1-1'-BIPHENYL	92-52-4	90	mg/kg	< 0.062	U	< 0.065	U	< 0.065	U	< 0.063	U												
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 0.049	U	< 0.052	U	< 0.052	U	< 0.05	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0081	U	< 0.0086	U	< 0.0097	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.072	U	< 0.076	U	< 0.076	U	< 0.074	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.047	U	< 0.05	U	< 0.057	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.067	U	< 0.071	U	< 0.071	U	< 0.069	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.04	U	< 0.043	U	< 0.048	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.06	U	< 0.063	U	< 0.063	U	< 0.062	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.049	U	< 0.052	U	< 0.059	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.06	U	< 0.063	U	< 0.063	U	< 0.062	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.047	U	< 0.05	U	< 0.056	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 0.08	U	< 0.084	U	< 0.084	U	< 0.081	UJ	< 7.3	U	< 2.3	U	< 2	U	< 0.017	U	< 0.018	U	< 0.02	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg									< 1.4	UM	< 0.45	U	< 0.39	U	< 0.0074	U	< 0.0079	U	< 0.0089	U
2,4-Dinitrotoluene	25321-14-6	-	mg/kg	< 0.011	U	< 0.012	U	< 0.012	U	< 0.011	U												
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.0095	U	< 0.01	U	< 0.01	U	< 0.0098	U	< 1.4	UM	< 0.45	U	< 0.39	U	< 0.0072	U	< 0.0077	U	< 0.0087	U
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.053	U	< 0.056	U	< 0.056	U	< 0.054	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0078	U	< 0.0083	U	< 0.0093	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.05	U	< 0.053	U	< 0.053	U	< 0.051	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.05	U	< 0.053	U	< 0.06	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.055	U	< 0.058	U	< 0.058	U	< 0.056	U	< 1.4	U	< 0.45	U	< 0.39	U	0.128	J	0.0253	J	0.0406	J
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.054	U	< 0.057	U	< 0.057	U	< 0.055	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.039	U	< 0.042	U	< 0.047	U
2-NITROANILINE	88-74-4	-	mg/kg	< 0.1	U	< 0.11	U	< 0.11	U	< 0.11	U	< 7.3	U	< 2.3	U	< 2	U	< 0.011	U	< 0.011	U	< 0.013	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.062	U	< 0.065	U	< 0.065	U	< 0.063	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.049	U	< 0.052	U	< 0.059	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.083	U	< 0.088	U	< 0.088	U	< 0.085	U	< 1.4	UM	< 0.45	U	< 0.39	U	< 0.0095	U	< 0.01	U	< 0.011	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.043	U	< 0.045	U	< 0.045	U	< 0.044	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.015	U	< 0.016	U	< 0.018	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.061	U	< 0.065	U	< 0.065	U	< 0.063	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.04	U	< 0.042	U	< 0.048	U
3-NITROANILINE	99-09-2	-	mg/kg	< 0.085	U	< 0.089	U	< 0.09	U	< 0.087	U	< 7.3	U	< 2.3	U	< 2	U	< 0.01	U	< 0.011	U	< 0.012	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 0.18	U	< 0.19	U	< 0.19	U	< 0.18	UJ	< 7.3	UM	< 2.3	U	< 2	U	< 0.047	U	< 0.05	U	< 0.056	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.067	U	< 0.07	U	< 0.07	U	< 0.068	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0056	U	< 0.006	U	< 0.0068	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.063	U	< 0.066	U	< 0.066	U	< 0.064	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.047	U	< 0.05	U	< 0.056	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.064	U	< 0.068	U	< 0.068	U	< 0.066	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0064	U	< 0.0069	U	< 0.0077	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 0.096	U	< 0.1	U	< 0.1	U	< 0.099	U	< 7.3	U	< 2.3	U	< 2	U	< 0.066	U	< 0.071	U	< 0.08	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.053	U	< 0.056	U	< 0.056	U	< 0.055	U	< 1.4	U	< 0.45	U	< 0.39	U	0.0875	J	< 0.0047	U	0.009	J
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.054	U	< 0.057	U	< 0.057	U	< 0.055	U	< 1.4	U	< 0.45	U	< 0.39	U	1.16	J	0.0279	J	< 0.024	U
ACETOPHENONE	98-86-2	2	mg/kg	< 0.056	U	< 0.059	U	< 0.059	U	< 0.057	U												
ANTHRACENE	120-12-7	1500	mg/kg	< 0.066	U	< 0.07	U	< 0.07	U	< 0.068	U	< 1.4	U	< 0.45	U	< 0.39	U	0.481	J	0.018	J	0.0248	J
ATRAZINE	1912-24-9	**0.2**	mg/kg	< 0.07	U	< 0.074	U	< 0.074	U	< 0.072	U												
BENZALDEHYDE	100-52-7	-	mg/kg	< 0.023	U	< 0.025	U	< 0.025	U	< 0.024	U												
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	< 0.0069	U	< 0.0073	U	< 0.0073	U	< 0.0071	U	< 1.4	UM	< 0.45	U	< 0.39	U	**1.09**	**J**	0.0532	J	0.13	J
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	< 0.0046	U	< 0.0049	U	< 0.0049	U	< 0.0047	U	< 1.4	UM	< 0.45	UM	< 0.39	UM	**1.83**	**J**	0.0647	J	0.103	J
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	< 0.0056	U	0.032	J	0.044		< 0.0057	U	< 1.4	UM	< 0.45	U	< 0.39	U	1.62	J	0.0473	J	0.104	J
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	< 0.04	U	< 0.042	U	< 0.042	U	< 0.041	U	< 1.4	U	< 0.45	U	< 0.39	U	1.24	J	0.0591	J	0.0487	J
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	< 0.0052	U	< 0.0055	U	< 0.0055	U	< 0.0054	U	< 1.4	U	< 0.45	U	< 0.39	U	1.43	J	0.0557	J	0.0909	J
BENZYL ALCOHOL	100-51-6	-	mg/kg									< 1.4	U	< 0.45	U	< 0.39	U						
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.044	U	< 0.046	U	< 0.046	U	< 0.045	U	< 1.4	U	< 0.45	U	< 0.39	U	0.176	J	< 0.009	U	< 0.01	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.053	U	< 0.056	U	< 0.056	U	< 0.055	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0063	U	< 0.0067	U	< 0.0076	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.0078	U	< 0.0082	U	< 0.0082	U	< 0.0080	U	< 1.4	UM	< 0.45	UM	< 0.39	U	< 0.015	U	< 0.016	U	< 0.018	U
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.05	U	< 0.052	U	< 0.053	U	< 0.051	U	< 1.4	U	< 0.45	U	< 0.39	U	1.28	J	0.0601	J	< 0.0079	U
CAPROLACTAM	105-60-2	8	mg/kg	< 0.051	U	< 0.054	U	< 0.054	U	< 0.053	U												
CARBAZOLE	86-74-8	-	mg/kg	< 0.06	U	< 0.063	U	< 0.063	U	< 0.061	U	< 1.4	U	< 0.45	U	< 0.39	U	0.0653	J	< 0.0062	U	< 0.007	U
CHLOROPHENOLS	58-90-2	-	mg/kg	< 0.075	U	< 0.079	U	< 0.079	U	< 0.077	UJ												
CHRYSENE	218-01-9	**52**	mg/kg	< 0.054	U	< 0.058	U	< 0.058	U	< 0.056	U	< 1.4	U	< 0.45	U	< 0.39	U	1.23	J	0.0662	J	0.142	J

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	EF-68		EF-69		EF-69		EF-70		F01		F01		F05		F2A		F2A		F2A	
			Depth interval	2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		2.5 - 3 ft		1 - 1.5 ft		3 - 3.5 ft		1 - 1.5 ft		0 - 0.85 ft		4 - 4.2 ft		4.86 - 6.2 ft	
			Sample ID	EF-B68-2.5		EF-B69-2.5		EF-B69-2.5x		EF-B70-2.5		F01-1.0		F01S3		F05-1.0		F2A0-		F2A4		F2A4.86	
			Lab ID	460-27487-8		460-27487-1		460-27487-2		460-27487-3		662007		662008		662172		J8972-7		J8972-8		J8972-13	
			Date collected	6/8/2011 1:13:00 PM		6/8/2011 10:26:00 AM		6/8/2011 10:30:00 AM		6/8/2011 10:55:00 AM		8/5/2003		8/5/2003		8/6/2003		9/7/2005 10:45:00 AM		9/7/2005 11:05:00 AM		9/7/2005 11:45:00 AM	
			Sample Type	N		N		FD		N		N		N		N		N		N		N	
			Depth to Groundwater	6.7		5.7		5.7		5.6		5.4		5.4		3.5		5.3		5.3		5.3	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 0.0045	U	< 0.0048	U	< 0.0048	U	< 0.0046	U	< 1.4	UM	< 0.45	UM	< 0.39	UM	0.344	J	0.0218	J	< 0.014	U
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.056	U	< 0.059	U	< 0.059	U	< 0.058	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0052	U	< 0.0056	U	< 0.0063	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.05	U	< 0.053	U	< 0.053	U	< 0.052	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.006	U	< 0.0064	U	< 0.0072	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.051	U	< 0.053	U	< 0.053	U	< 0.052	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0046	U	< 0.0049	U	< 0.0055	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.057	U	< 0.06	U	< 0.061	U	< 0.059	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.006	U	< 0.0064	U	< 0.0072	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.045	U	< 0.047	U	< 0.047	U	< 0.046	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0074	U	< 0.0079	U	< 0.0089	U
FLUORANTHENE	206-44-0	840	mg/kg	< 0.062	U	< 0.066	U	0.071	J	< 0.064	U	< 1.4	U	< 0.45	U	0.44		1.6	J	0.106	J	0.25	J
FLUORENE	86-73-7	110	mg/kg	< 0.063	U	< 0.067	U	< 0.067	U	< 0.065	U	< 1.4	U	< 0.45	U	< 0.39	U	0.054	J	< 0.0074	U	< 0.0083	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.015	U	< 0.016	U	< 0.016	U	< 0.016	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0059	U	< 0.0063	U	< 0.0071	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.0052	U	< 0.0055	U	< 0.0055	U	< 0.0053	U	< 1.4	UM	< 0.45	UM	< 0.39	UM	0.0851	J	< 0.0071	U	< 0.0079	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.11	U	< 0.12	U	< 0.12	U	< 0.11	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0087	U	< 0.0093	U	< 0.01	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.0063	U	< 0.0067	U	< 0.0067	U	< 0.0065	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0071	U	< 0.0075	U	< 0.0085	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	< 0.0060	U	< 0.0063	U	< 0.0063	U	< 0.0061	U	< 1.4	UM	< 0.45	U	< 0.39	U	1.2	J	0.0617	J	0.0629	J
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg									< 1.4	U	< 0.45	U	< 0.39	U	< 0.0068	U	< 0.0072	U	< 0.0081	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg									< 1.4	UM	< 0.45	U	< 0.39	U						
NAPHTHALENE	91-20-3	**16**	mg/kg	< 0.055	U	< 0.058	U	< 0.058	U	< 0.056	U	< 1.4	U	< 0.45	U	< 0.39	U	0.11	J	0.0485	J	0.0821	J
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.0084	U	< 0.0088	U	< 0.0089	U	< 0.0086	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0041	U	< 0.0044	U	< 0.0049	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.0049	U	< 0.0052	U	< 0.0052	U	< 0.0051	U	< 1.4	UM	< 0.45	UM	< 0.39	UM	< 0.0058	U	< 0.0062	U	< 0.007	U
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.061	U	< 0.064	U	< 0.064	U	< 0.063	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.0051	U	< 0.0055	U	< 0.0062	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.047	U	< 0.05	U	< 0.05	U	< 0.048	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.011	U	< 0.012	U	< 0.014	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 0.18	U	< 0.19	U	< 0.19	U	< 0.19	U	< 7.3	UM	< 2.3	U	< 2	U	< 0.052	U	< 0.056	U	< 0.063	U
PHENANTHRENE	85-01-8	-	mg/kg	< 0.065	U	< 0.069	U	< 0.069	U	< 0.067	U	< 1.4	U	< 0.45	U	< 0.39	U	0.73	J	0.0599	J	0.251	J
PHENOL	108-95-2	**5**	mg/kg	< 0.046	U	< 0.048	U	< 0.048	U	< 0.047	U	< 1.4	U	< 0.45	U	< 0.39	U	< 0.047	U	< 0.05	U	< 0.057	U
P-NITROANILINE	100-01-6	-	mg/kg	< 0.077	U	< 0.082	U	< 0.082	U	< 0.079	U	< 7.3	U	< 2.3	U	< 2	U	< 0.0091	U	< 0.0098	U	< 0.011	U
PYRENE	129-00-0	550	mg/kg	< 0.065	U	< 0.068	U	0.076	J	< 0.066	U	< 1.4	U	< 0.45	U	< 0.39	U	2.99	J	0.0957	J	0.197	J

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	F2A		G3		G4		G4A		G9		MW1A		MW2A		MW3B		MW4A		MW4D	
			Depth interval	4.86 - 6.2 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		3.5 - 4 ft		2 - 4 ft		1 - 3 ft		0 - 0.5 ft		2 - 4 ft		0 - 0.5 ft	
			Sample ID	F2A4.D		G-3-0-0		G4-0-0		G4A-0-0		G9S3.5		MW1A2		MW2A1-		MW3B0		MW4A2		MW4D0	
			Lab ID	J8972-14		663217		665401		665745		668382		689705		689073		664542		689703		665390	
			Date collected	9/7/2005 11:45:00 AM		8/11/2003		8/19/2003		8/20/2003		8/29/2003 2:25:00 PM		11/18/2003 2:50:00 PM		11/14/2003 2:15:00 PM		8/15/2003		11/18/2003 8:58:00 AM		8/19/2003	
			Sample Type	FD		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.3		4.5		4.6		4.9		5.5		5.3		6.3		4.4		5.2		7	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																				
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 0.0068	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 0.0081	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 0.009	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	UM
1-1'-BIPHENYL	92-52-4	90	mg/kg																				
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 0.0097	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.057	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.048	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	UM
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.059	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.056	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	UJ	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 0.02	U	< 6.4	U	< 2.2	U	< 2.4	U	< 2.2	U	< 6.3	U	< 6.4	U	< 10	U	< 20	U	< 100	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.0088	U	< 1.3	UM	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	UM	< 1.2	UM	< 2	UM	< 3.9	UM	< 20	UM
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																				
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.0087	U	< 1.3	UM	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	UM	< 1.2	UM	< 2	UM	< 3.9	UM	< 20	UM
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.0093	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.059	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	0.0258	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	0.13	J	< 2	U	< 3.9	U	< 20	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.047	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
2-NITROANILINE	88-74-4	-	mg/kg	< 0.013	U	< 6.4	U	< 2.2	U	< 2.4	U	< 2.2	U	< 6.3	U	< 6.4	U	< 10	U	< 20	U	< 100	UM
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.059	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.011	U	< 1.3	UM	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	UM	< 1.2	UM	< 2	UM	< 3.9	UM	< 20	UM
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.018	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	**3.9**	**J**	< 20	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.048	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
3-NITROANILINE	99-09-2	-	mg/kg	< 0.012	U	< 6.4	U	< 2.2	U	< 2.4	U	< 2.2	U	< 6.3	U	< 6.4	U	< 10	U	< 20	U	< 100	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 0.056	U	< 6.4	UM	< 2.2	U	< 2.4	U	< 2.2	U	< 6.3	UM	< 6.4	UM	< 10	UM	< 20	UM	< 100	UM
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.0067	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.056	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.0077	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 0.08	U	< 6.4	U	< 2.2	U	< 2.4	U	< 2.2	U	< 6.3	U	< 6.4	U	< 10	U	< 20	U	< 100	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.0053	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	0.9	J	< 2	U	< 3.9	U	< 20	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	0.118	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	0.73		< 3.9	U	13	
ACETOPHENONE	98-86-2	2	mg/kg																				
ANTHRACENE	120-12-7	1500	mg/kg	0.13	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	0.26	J	4.1		0.39		< 3.9	U	5.9	
ATRAZINE	1912-24-9	**0.2**	mg/kg																				
BENZALDEHYDE	100-52-7	-	mg/kg																				
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	**1.33**	**J**	< 1.3	UM	< 0.43	U	< 0.47	U	< 0.43	U	**1.00**	**J**	**6.5**		**0.7**		**4.40**		**9.7**	
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**0.976**	**J**	< 1.3	UM	< 0.43	UM	< 0.47	UM	< 0.43	UM	**0.94**	**J**	**5.2**		**1.1**		**3.7**	**J**	**19**	
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	0.979	J	< 1.3	UM	< 0.43	U	< 0.47	U	< 0.43	U	0.79	J	**3.7**		0.75		**3**	**J**	**12**	
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	0.431	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	0.70	J	2.9		1		2.1	J	8.7	
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	0.885	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	0.70	J	3.9		0.66		1.1	J	11	
BENZYL ALCOHOL	100-51-6	-	mg/kg			< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.01	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.0076	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.018	U	< 1.3	UM	< 0.43	UM	< 0.47	UM	< 0.43	UM	< 1.2	UM	< 1.2	UM	< 2	UM	< 3.9	UM	< 20	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.0079	U	< 1.3	U	0.63		< 0.47	U	< 0.43	U	< 1.2	U	0.21	BF	< 2	U	< 3.9	U	< 20	U
CAPROLACTAM	105-60-2	8	mg/kg																				
CARBAZOLE	86-74-8	-	mg/kg	0.0351	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	0.7	J	< 2	U	< 3.9	U	< 20	U
CHLOROPHENOLS	58-90-2	-	mg/kg																				
CHRYSENE	218-01-9	**52**	mg/kg	1.44	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	1.10	J	5.9		0.89		6.50		12	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		F2A		G3		G4		G4A		G9		MW1A		MW2A		MW3B		MW4A		MW4D	
				Depth interval		4.86 - 6.2 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		3.5 - 4 ft		2 - 4 ft		1 - 3 ft		0 - 0.5 ft		2 - 4 ft		0 - 0.5 ft	
				Sample ID		F2A4.D		G-3-0-0		G4-0-0		G4A-0-0		G9S3.5		MW1A2		MW2A1-		MW3B0		MW4A2		MW4D0	
				Lab ID		J8972-14		663217		665401		665745		668382		689705		689073		664542		689703		665390	
				Date collected		9/7/2005 11:45:00 AM		8/11/2003		8/19/2003		8/20/2003		8/29/2003 2:25:00 PM		11/18/2003 2:50:00 PM		11/14/2003 2:15:00 PM		8/15/2003		11/18/2003 8:58:00 AM		8/19/2003	
				Sample Type		FD		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		5.3		4.5		4.6		4.9		5.5		5.3		6.3		4.4		5.2		7	
				Excavated																					
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	0.144	J	< 1.3	UM	< 0.43	UM	< 0.47	UM	< 0.43	UM	0.22	J	**1.1**	**J**	0.29		**1.7**	**J**	**2.6**	
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.0062	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	0.51	J	< 2	U	< 3.9	U	< 20	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.0072	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.0055	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.0072	U	< 1.3	U	4.8		< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.0089	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
FLUORANTHENE	206-44-0	840	mg/kg	3.33	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	1.70		14		1.2		2.5	J	23	
FLUORENE	86-73-7	110	mg/kg	< 0.0083	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.007	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	UM
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.0079	U	< 1.3	UM	< 0.43	UM	< 0.47	UM	< 0.43	UM	< 1.2	UM	< 1.2	UM	< 2	UM	< 3.9	UM	< 20	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.01	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.0085	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	0.597	J	< 1.3	UM	< 0.43	U	< 0.47	U	< 0.43	U	0.58	J	2.9		0.74		1.4	J	**7.1**	
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 0.0081	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg			< 1.3	UM	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	UM	< 1.2	UM	< 2	UM	< 3.9	UM	< 20	UM
NAPHTHALENE	91-20-3	**16**	mg/kg	0.0548	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	0.43	J	< 2	U	< 3.9	U	< 20	UM
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.0049	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.007	U	< 1.3	UM	< 0.43	UM	< 0.47	UM	< 0.43	UM	< 1.2	UM	< 1.2	UM	< 2	UM	< 3.9	UM	< 20	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.0061	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.014	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 0.062	U	< 6.4	UM	< 2.2	U	< 2.4	U	< 2.2	U	< 6.3	UM	< 6.4	UM	< 10	UM	< 20	UM	< 100	UM
PHENANTHRENE	85-01-8	-	mg/kg	1.06	J	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	0.93	J	11		0.9		1.5	J	13	
PHENOL	108-95-2	**5**	mg/kg	< 0.057	U	< 1.3	U	< 0.43	U	< 0.47	U	< 0.43	U	< 1.2	U	< 1.2	U	< 2	U	< 3.9	U	< 20	U
P-NITROANILINE	100-01-6	-	mg/kg	< 0.011	U	< 6.4	U	< 2.2	U	< 2.4	U	< 2.2	U	< 6.3	U	< 6.4	U	< 10	U	< 20	U	< 100	U
PYRENE	129-00-0	550	mg/kg	2.51	J	1.4		< 0.43	U	< 0.47	U	< 0.43	U	1.5		9.8		1.2		2	J	< 20	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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			Location	MW5A		MW5D		MW6A		MW6AB		MW6AB		MW6D		MW6D		MW6D		MW7A		MW8A	
			Depth interval	0 - 2 ft		0 - 2 ft		1 - 3 ft		1.62 - 2 ft		2.17 - 2.73 ft		0 - 0.5 ft		6 - 6.5 ft		6 - 6.5 ft		0 - 2 ft		0 - 2 ft	
			Sample ID	MW5A0-		MW5D-0		MW6A1-		MW6AB1e		MW6AB2a		MW6D-0		MW6D-6.		MW6DD-6		MW7A0-2		MW8A0	
			Lab ID	688687		663687		688684		J8861-26		J8861-27		664005		664028		664029		688685		689071	
			Date collected	11/13/2003 1:55:00 PM		8/12/2003		11/12/2003 9:40:00 AM		9/6/2005 10:05:00 AM		9/6/2005 10:15:00 AM		8/13/2003		8/13/2003		8/13/2003		11/12/2003 3:55:00 PM		11/14/2003 12:40:00 PM	
			Sample Type	N		N		N		N		N		N		N		FD		N		N	
			Depth to Groundwater	4.9		4.3		5.3		5.3		5.3		7		7		7		3.5		5.7	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																				
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.011	U	< 0.013	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.014	U	< 0.016	U	1.1		< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 23	UJM	< 1.3	U	< 2.8	U	< 0.015	U	< 0.017	U	**1.5**		< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
1-1'-BIPHENYL	92-52-4	90	mg/kg																				
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.016	U	< 0.019	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.095	U	< 0.11	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 23	UJM	< 1.3	U	< 2.8	U	< 0.08	U	< 0.092	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.098	U	< 0.11	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.094	U	< 0.11	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	UJ
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 120	UJ	< 6.7	U	< 14	U	< 0.034	U	< 0.039	U	< 43	U	< 2.1	U	< 2.1	U	< 2.5	UJ	< 2.4	UJ
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 23	UJM	< 1.3	UM	< 2.8	UM	< 0.015	U	< 0.017	U	< 8.4	UM	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																				
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 23	UJM	< 1.3	UM	< 2.8	UM	< 0.015	U	< 0.017	U	< 8.4	UM	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.016	U	< 0.018	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.1	U	< 0.12	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	UJ
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	3.5	J	0.25		< 2.8	U	0.143	J	< 0.012	U	**7.3**		< 0.4	U	< 0.4	U	0.078	J	< 0.47	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.079	U	< 0.091	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	UJ
2-NITROANILINE	88-74-4	-	mg/kg	< 120	UJM	< 6.7	U	< 14	U	< 0.022	U	< 0.025	U	< 43	UM	< 2.1	U	< 2.1	U	< 2.5	U	< 2.4	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.098	U	< 0.11	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	UJ
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 23	UJM	< 1.3	UM	< 2.8	UM	< 0.019	U	< 0.022	U	< 8.4	UM	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.031	U	< 0.035	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.08	U	< 0.092	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	UJ
3-NITROANILINE	99-09-2	-	mg/kg	< 120	UJ	< 6.7	U	< 14	U	< 0.02	U	< 0.024	U	< 43	U	< 2.1	U	< 2.1	U	< 2.5	U	< 2.4	UJ
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 120	UJM	< 6.7	UM	< 14	UM	< 0.094	U	< 0.11	U	< 43	UM	< 2.1	U	< 2.1	U	< 2.5	UJ	< 2.4	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.011	U	< 0.013	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	UJ
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.094	U	< 0.11	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	UJ
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.013	U	< 0.015	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 120	UJ	< 6.7	U	< 14	U	< 0.13	U	< 0.15	U	< 43	U	< 2.1	U	< 2.1	U		R	< 2.4	UJ
ACENAPHTHENE	83-32-9	**74**	mg/kg	21	J	0.16		< 2.8	U	0.0504	J	< 0.01	U	0.85		< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 23	UJ	0.28		< 2.8	U	< 0.041	U	< 0.047	U	6.2		0.78		0.44		0.18	J	< 0.47	U
ACETOPHENONE	98-86-2	2	mg/kg																				
ANTHRACENE	120-12-7	1500	mg/kg	62	J	0.32		< 2.8	U	0.2		< 0.015	U	2.3		0.067		< 0.4	U	0.11	J	< 0.47	U
ATRAZINE	1912-24-9	**0.2**	mg/kg																				
BENZALDEHYDE	100-52-7	-	mg/kg																				
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	**75**	**J**	**0.83**		**0.59**		0.488		0.102	J	**4.5**		**0.82**		0.32		**0.66**		0.062	J
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**57**	**J**	**0.96**		**0.51**		**0.379**		0.0874	J	**3.1**		**0.51**		**0.24**		**0.37**	**J**	0.067	J
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	**46**	**J**	0.81		0.47		0.461		0.114	J	**5.2**		1.3		0.64		0.38	J	0.054	J
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	31	J	0.65		0.47		0.163		0.046	J	6.7		2.4		1.3		0.34	J	0.068	J
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	**47**	**J**	0.77		0.49		0.46		0.0765	J	4.7		1.4		0.7		0.43	J	0.061	J
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U					< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	UJ
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.017	U	< 0.02	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.013	U	< 0.015	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 23	UJM	< 1.3	UM	< 2.8	UM	< 0.03	U	< 0.035	U	< 8.4	UM	< 0.4	U	< 0.4	U	< 0.48	UM	< 0.47	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 23	UJ	0.69		< 2.8	U	< 0.013	U	< 0.015	U	0.85		< 0.4	U	0.063		< 0.48	U	0.098	BF
CAPROLACTAM	105-60-2	8	mg/kg																				
CARBAZOLE	86-74-8	-	mg/kg	29	J	< 1.3	U	< 2.8	U	< 0.012	U	< 0.013	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
CHLOROPHENOLS	58-90-2	-	mg/kg																				
CHRYSENE	218-01-9	**52**	mg/kg	**67**	**J**	0.9		0.72		0.523		0.132	J	5.6		1.3		0.52		0.93		0.078	J

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	MW5A		MW5D		MW6A		MW6AB		MW6AB		MW6D		MW6D		MW6D		MW7A		MW8A	
			Depth interval	0 - 2 ft		0 - 2 ft		1 - 3 ft		1.62 - 2 ft		2.17 - 2.73 ft		0 - 0.5 ft		6 - 6.5 ft		6 - 6.5 ft		0 - 2 ft		0 - 2 ft	
			Sample ID	MW5A0-		MW5D-0		MW6A1-		MW6AB1e		MW6AB2a		MW6D-0		MW6D-6.		MW6DD-6		MW7A0-2		MW8A0	
			Lab ID	688687		663687		688684		J8861-26		J8861-27		664005		664028		664029		688685		689071	
			Date collected	11/13/2003 1:55:00 PM		8/12/2003		11/12/2003 9:40:00 AM		9/6/2005 10:05:00 AM		9/6/2005 10:15:00 AM		8/13/2003		8/13/2003		8/13/2003		11/12/2003 3:55:00 PM		11/14/2003 12:40:00 PM	
			Sample Type	N		N		N		N		N		N		N		FD		N		N	
			Depth to Groundwater	4.9		4.3		5.3		5.3		5.3		7		7		7		3.5		5.7	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	**12**	**J**	0.21		< 2.8	UM	< 0.024	U	< 0.028	U	**2.1**		< 0.4	UM	0.17		0.1	J	< 0.47	UM
DIBENZOFURAN	132-64-9	-	mg/kg	19	J	< 1.3	U	< 2.8	U	0.0552	J	< 0.012	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.012	U	< 0.014	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.0092	U	< 0.011	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.012	U	< 0.014	U	< 8.4	U	< 0.4	U	< 0.4	U	0.085	B	0.06	B
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.015	U	< 0.017	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
FLUORANTHENE	206-44-0	840	mg/kg	200	J	1.5		0.99		1.2		0.221		5.6		1		0.36		0.4	J	< 0.47	U
FLUORENE	86-73-7	110	mg/kg	28	J	0.16		< 2.8	U	0.0657	J	< 0.016	U	1.5		< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 23	UJM	< 1.3	U	< 2.8	U	< 0.012	U	< 0.014	U	< 8.4	UM	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 23	UJM	< 1.3	UM	< 2.8	UM	< 0.013	U	< 0.015	U	< 8.4	UM	< 0.4	UM	< 0.4	UM	< 0.48	UM	< 0.47	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.017	U	< 0.02	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.014	U	< 0.016	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	**31**	**J**	0.59		0.41		0.202		0.054	J	**5.3**		1.6		0.87		0.28	J	0.054	J
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.014	U	< 0.016	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 23	UJM	< 1.3	UM	< 2.8	UM					< 8.4	UM	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
NAPHTHALENE	91-20-3	**16**	mg/kg	5.6	J	0.37		< 2.8	U	0.133	J	< 0.012	U	8.7		< 0.4	U	< 0.4	U	0.095	J	< 0.47	U
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.0082	U	< 0.0095	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 23	UJM	< 1.3	UM	< 2.8	UM	< 0.012	U	< 0.014	U	< 8.4	UM	< 0.4	UM	< 0.4	UM	< 0.48	UM	< 0.47	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.01	U	< 0.012	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.023	U	< 0.027	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	U	< 0.47	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 120	UJM	< 6.7	UM	< 14	UM	< 0.1	U	< 0.12	U	< 43	UM	< 2.1	U	< 2.1	U		R	< 2.4	UJ
PHENANTHRENE	85-01-8	-	mg/kg	200	J	1.2		0.58		0.728		0.159	J	7.2		0.085		0.049		0.25	J	0.068	J
PHENOL	108-95-2	**5**	mg/kg	< 23	UJ	< 1.3	U	< 2.8	U	< 0.095	U	< 0.11	U	< 8.4	U	< 0.4	U	< 0.4	U	< 0.48	UJ	< 0.47	U
P-NITROANILINE	100-01-6	-	mg/kg	< 120	UJ	< 6.7	U	< 14	U	< 0.018	U	< 0.021	U	< 43	U	< 2.1	U	< 2.1	U	< 2.5	U	< 2.4	U
PYRENE	129-00-0	550	mg/kg	120	J	< 1.3	U	0.85		0.965		0.174	J	10		2.3		1.1		1.4		0.11	J

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	OSB-2		OSB-2		OSB-2		OSB-2		OSB-3		OSB-3		OSB-3		OSB-5		OSB-5		OSB-5	
			Depth interval	0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		4 - 4.5 ft		0.6 - 1.1 ft		2 - 2.5 ft		4 - 4.5 ft		0.4 - 1.4 ft		2 - 2.5 ft		2 - 2.5 ft	
			Sample ID	114-OSB-2A(0.5-1.0)		114-OSB-2B(2-2.5)		114-OSB-2BD(2-2.5)		114-OSB-2C(4-4.5)		114-OSB-3A(0.6-1.1)		114-OSB-3B(2-2.5)		114-OSB-3C(4.0-4.5)		114OSB-5A(0.4-1.4)		114OSB-5B(2.0-2.5)		114OSB-5BD(2.0-2.5)	
			Lab ID	J40240-1		J40240-2		J40240-3		J40240-4		J40240-5		J40240-6		J40240-7		J41369-1		J41369-2		J41369-3	
			Date collected	9/6/2006 10:12:00 AM		9/6/2006 10:30:00 AM		9/6/2006 10:35:00 AM		9/6/2006 10:50:00 AM		9/6/2006 11:25:00 AM		9/6/2006 11:40:00 AM		9/6/2006 12:00:00 PM		9/18/2006 9:37:00 AM		9/18/2006 9:58:00 AM		9/18/2006 10:00:00 AM	
			Sample Type	N		N		FD		N		N		N		N		N		N		FD	
			Depth to Groundwater	5.3		5.3		5.3		5.3		5.5		5.5		5.5		5.6		5.6		5.6	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																				
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																				
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg																				
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																				
1-1'-BIPHENYL	92-52-4	90	mg/kg																				
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg																				
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg																				
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg																				
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg																				
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg																				
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg																				
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.044	U	< 0.045	U	< 0.046	U	< 0.048	U	< 0.045	U	< 0.044	U	< 0.05	U						
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																				
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.043	U	< 0.045	U	< 0.045	U	< 0.048	U	< 0.044	U	< 0.044	U	< 0.049	U						
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.053	U	< 0.055	U	< 0.055	U	< 0.058	U	< 0.054	U	< 0.054	U	< 0.06	U						
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg																				
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.025	U	< 0.026	U	< 0.026	U	< 0.027	U	< 0.025	U	0.515		0.0341	J						
2-METHYLPHENOL	95-48-7	-	mg/kg																				
2-NITROANILINE	88-74-4	-	mg/kg	< 0.024	U	< 0.025	U	< 0.025	U	< 0.026	U	< 0.024	U	< 0.024	U	< 0.027	U						
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.047	U	< 0.049	U	< 0.049	U	< 0.052	U	< 0.048	U	< 0.047	U	< 0.053	U						
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg																				
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg																				
3+4-METHYLPHENOL	106-44-5	-	mg/kg																				
3-NITROANILINE	99-09-2	-	mg/kg	< 0.029	U	< 0.03	U	< 0.031	U	< 0.032	U	< 0.03	U	< 0.03	U	< 0.033	U						
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 0.033	U	< 0.034	U	< 0.034	U	< 0.036	U	< 0.034	U	< 0.033	U	< 0.037	U						
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.019	U	< 0.02	U	< 0.02	U	< 0.021	U	< 0.02	U	< 0.019	U	< 0.022	U						
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg																				
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.018	U	< 0.018	U	< 0.019	U	< 0.02	U	< 0.018	U	< 0.018	U	< 0.02	U						
4-NITROPHENOL	100-02-7	-	mg/kg	< 0.052	U	< 0.053	U	< 0.054	U	< 0.057	U	< 0.052	U	< 0.052	U	< 0.058	U						
ACENAPHTHENE	83-32-9	**74**	mg/kg																				
ACENAPHTHYLENE	208-96-8	-	mg/kg	0.0490	J	0.0283	J	0.0369	J	< 0.021	U	0.0637	J	2.22		0.115		< 0.16	U	0.0330	J	0.0472	J
ACETOPHENONE	98-86-2	2	mg/kg																				
ANTHRACENE	120-12-7	1500	mg/kg																				
ATRAZINE	1912-24-9	**0.2**	mg/kg																				
BENZALDEHYDE	100-52-7	-	mg/kg																				
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	**0.617**		**0.514**		**0.521**		0.0392	J	0.22		**12.5**		**0.654**		0.493	J	0.388		0.374	
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**0.652**		**0.517**		**0.513**		0.0334	J	**0.227**		**7.13**		**0.4**		**0.436**	**J**	**0.281**		**0.336**	
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	0.686		0.554		0.535		0.0327	J	0.29		**6.2**		0.331		0.441	J	0.231		0.276	
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	0.58		0.271		0.272		0.0237	J	0.13		2.26		0.119		< 0.21	U	0.105		0.152	
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	0.422		0.386		0.384		< 0.031	U	0.173		5.92		0.384		0.431	J	0.239		0.256	
BENZYL ALCOHOL	100-51-6	-	mg/kg																				
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg																				
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.025	U	< 0.025	U	< 0.025	U	< 0.027	U	< 0.025	U	< 0.025	U	< 0.028	U						
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.019	U	< 0.02	U	< 0.02	U	< 0.021	U	< 0.019	U	< 0.019	U	< 0.021	U						
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																				
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg																				
CAPROLACTAM	105-60-2	8	mg/kg																				
CARBAZOLE	86-74-8	-	mg/kg	0.0903		0.0562	J	0.0574	J	< 0.017	U	0.0339	J	1.61		0.116		< 0.16	U	0.0215	J	< 0.015	U
CHLOROPHENOLS	58-90-2	-	mg/kg																				
CHRYSENE	218-01-9	**52**	mg/kg																				

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	OSB-2		OSB-2		OSB-2		OSB-2		OSB-3		OSB-3		OSB-3		OSB-5		OSB-5		OSB-5	
			Depth interval	0.5 - 1 ft		2 - 2.5 ft		2 - 2.5 ft		4 - 4.5 ft		0.6 - 1.1 ft		2 - 2.5 ft		4 - 4.5 ft		0.4 - 1.4 ft		2 - 2.5 ft		2 - 2.5 ft	
			Sample ID	114-OSB-2A(0.5-1.0)		114-OSB-2B(2-2.5)		114-OSB-2BD(2-2.5)		114-OSB-2C(4-4.5)		114-OSB-3A(0.6-1.1)		114-OSB-3B(2-2.5)		114-OSB-3C(4.0-4.5)		114OSB-5A(0.4-1.4)		114OSB-5B(2.0-2.5)		114OSB-5BD(2.0-2.5)	
			Lab ID	J40240-1		J40240-2		J40240-3		J40240-4		J40240-5		J40240-6		J40240-7		J41369-1		J41369-2		J41369-3	
			Date collected	9/6/2006 10:12:00 AM		9/6/2006 10:30:00 AM		9/6/2006 10:35:00 AM		9/6/2006 10:50:00 AM		9/6/2006 11:25:00 AM		9/6/2006 11:40:00 AM		9/6/2006 12:00:00 PM		9/18/2006 9:37:00 AM		9/18/2006 9:58:00 AM		9/18/2006 10:00:00 AM	
			Sample Type	N		N		FD		N		N		N		N		N		N		FD	
			Depth to Groundwater	5.3		5.3		5.3		5.3		5.5		5.5		5.5		5.6		5.6		5.6	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	0.175		0.103		0.0907		< 0.022	U	0.0386	J	**1.1**		0.0499	J	< 0.2	U	0.0392	J	0.0450	J
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.018	U	0.0188	J	0.0195	J	< 0.019	U	< 0.018	U	6.92		0.276		< 0.77	U	< 0.077	U	< 0.077	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg																				
DIMETHYL PHTHALATE	131-11-3	-	mg/kg																				
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg																				
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg																				
FLUORANTHENE	206-44-0	840	mg/kg																				
FLUORENE	86-73-7	110	mg/kg																				
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.025	U	< 0.026	U	< 0.026	U	< 0.027	U	< 0.025	U	< 0.025	U	< 0.028	U						
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.022	U	< 0.023	U	< 0.023	U	< 0.024	U	< 0.022	U	< 0.022	U	< 0.025	U						
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg																				
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.019	U	< 0.02	U	< 0.02	U	< 0.021	U	< 0.019	U	< 0.019	U	< 0.021	U						
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	0.606		0.25		0.243		< 0.026	U	0.112		2.73		0.149		< 0.24	U	0.113		0.149	
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg																				
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg																				
NAPHTHALENE	91-20-3	**16**	mg/kg																				
NITROBENZENE	98-95-3	**0.2**	mg/kg																				
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.024	U	< 0.025	U	< 0.025	U	< 0.027	U	< 0.025	U	< 0.025	U	< 0.028	U						
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg																				
P-CHLOROANILINE	106-47-8	-	mg/kg																				
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg																				
PHENANTHRENE	85-01-8	-	mg/kg	0.834		0.454		0.403		0.0274	J	0.205		40.8		1.78		0.338	J	0.293		0.194	
PHENOL	108-95-2	**5**	mg/kg																				
P-NITROANILINE	100-01-6	-	mg/kg	< 0.026	U	< 0.027	U	< 0.027	U	< 0.029	U	< 0.027	U	< 0.026	U	< 0.03	U						
PYRENE	129-00-0	550	mg/kg																				

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	OSB-5		OSB-6		OSB-6		OSB-6		OSB-7		OSB-7		OSB-7		OSB-8		OSB-8		OSB-8			
			Depth interval	5 - 5.5 ft		0.4 - 0.9 ft		1.8 - 2.3 ft		4 - 4.5 ft		0.4 - 0.9 ft		2 - 2.5 ft		4 - 4.5 ft		0.9 - 1.4 ft		4.5 - 5 ft		4.5 - 5 ft			
			Sample ID	114-0SB5C(5-5.5)		114OSB-6A(0.4-0.9)		114OSB-6B(1.8-2.3)		114OSB-6C(4.0-4.5)		114OSB-7A(0.4-0.9)		114OSB-7B(2.0-2.5)		114OSB-7C(4.0-4.5)		OSB-8A(0.9-1.4)		OSB-8B(4.5-5)		OSB-8BD(4.5-5)			
			Lab ID	J41455-6R		J41369-4		J41369-5		J41369-6		J41369-8		J41369-9		J41369-10		J36325-1		J36325-2		J36325-3			
			Date collected	9/19/2006 12:10:00 PM		9/18/2006 1:20:00 PM		9/18/2006 1:30:00 PM		9/18/2006 1:50:00 PM		9/18/2006 2:25:00 PM		9/18/2006 2:32:00 PM		9/18/2006 2:45:00 PM		7/21/2006 8:30:00 AM		7/21/2006 1:56:00 PM		7/21/2006 2:00:00 PM			
			Sample Type	N		N		N		N		N		N		N		N		N		FD			
			Depth to Groundwater	5.6		6		6		6		6.4		6.4		6.4		5.5		5.5		5.5			
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg																						
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																						
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg																						
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																						
1-1'-BIPHENYL	92-52-4	90	mg/kg																						
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg																						
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg																						
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg																						
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg																						
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg																						
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg																						
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.048	U																				
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																						
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.047	U																				
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.058	U																				
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg																						
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	0.0654	J																				
2-METHYLPHENOL	95-48-7	-	mg/kg																						
2-NITROANILINE	88-74-4	-	mg/kg	< 0.026	U																				
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.052	U																				
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg																						
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg																						
3+4-METHYLPHENOL	106-44-5	-	mg/kg																						
3-NITROANILINE	99-09-2	-	mg/kg	< 0.032	U																				
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 0.036	U																				
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.021	U																				
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg																						
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.02	U																				
4-NITROPHENOL	100-02-7	-	mg/kg	< 0.057	U																				
ACENAPHTHENE	83-32-9	**74**	mg/kg																						
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.017	U	< 0.16	U	0.153		< 0.017	U														
ACETOPHENONE	98-86-2	2	mg/kg																						
ANTHRACENE	120-12-7	1500	mg/kg																						
ATRAZINE	1912-24-9	**0.2**	mg/kg																						
BENZALDEHYDE	100-52-7	-	mg/kg																						
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	< 0.02	U	0.252	J	**1.85**		< 0.02	U														
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	< 0.014	U	0.173	J	**1.55**		< 0.014	U														
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	< 0.019	U	< 0.18	U	1.3		< 0.019	U														
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	< 0.023	U	< 0.21	U	0.659		< 0.023	U	0.0399	J	0.0842		< 0.022	U	< 0.19	U	0.423	J	0.0762	J		
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	< 0.031	U	< 0.3	U	1.29		< 0.031	U														
BENZYL ALCOHOL	100-51-6	-	mg/kg																						
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg																						
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.027	U																				
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.021	U																				
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg																						
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg																						
CAPROLACTAM	105-60-2	8	mg/kg																						
CARBAZOLE	86-74-8	-	mg/kg	< 0.017	U	< 0.16	U	0.23		< 0.017	U														
CHLOROPHENOLS	58-90-2	-	mg/kg																						
CHRYSENE	218-01-9	**52**	mg/kg																						

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	OSB-5		OSB-6		OSB-6		OSB-6		OSB-7		OSB-7		OSB-7		OSB-8		OSB-8		OSB-8			
			Depth interval	5 - 5.5 ft		0.4 - 0.9 ft		1.8 - 2.3 ft		4 - 4.5 ft		0.4 - 0.9 ft		2 - 2.5 ft		4 - 4.5 ft		0.9 - 1.4 ft		4.5 - 5 ft		4.5 - 5 ft			
			Sample ID	114-0SB5C(5-5.5)		114OSB-6A(0.4-0.9)		114OSB-6B(1.8-2.3)		114OSB-6C(4.0-4.5)		114OSB-7A(0.4-0.9)		114OSB-7B(2.0-2.5)		114OSB-7C(4.0-4.5)		OSB-8A(0.9-1.4)		OSB-8B(4.5-5)		OSB-8BD(4.5-5)			
			Lab ID	J41455-6R		J41369-4		J41369-5		J41369-6		J41369-8		J41369-9		J41369-10		J36325-1		J36325-2		J36325-3			
			Date collected	9/19/2006 12:10:00 PM		9/18/2006 1:20:00 PM		9/18/2006 1:30:00 PM		9/18/2006 1:50:00 PM		9/18/2006 2:25:00 PM		9/18/2006 2:32:00 PM		9/18/2006 2:45:00 PM		7/21/2006 8:30:00 AM		7/21/2006 1:56:00 PM		7/21/2006 2:00:00 PM			
			Sample Type	N		N		N		N		N		N		N		N		N		FD			
			Depth to Groundwater	5.6		6		6		6		6.4		6.4		6.4		5.5		5.5		5.5			
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q		
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 0.022	U	< 0.21	UM	0.264		< 0.022	U														
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.019	U	< 0.79	U	0.135		< 0.083	U	< 0.077	U	< 0.084	U	< 0.08	U								
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg																						
DIMETHYL PHTHALATE	131-11-3	-	mg/kg																						
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg																						
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg																						
FLUORANTHENE	206-44-0	840	mg/kg																						
FLUORENE	86-73-7	110	mg/kg																						
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.027	U																				
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.024	U																				
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg																						
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.021	U																				
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	< 0.026	U	< 0.25	U	0.68		< 0.026	U														
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg																						
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg																						
NAPHTHALENE	91-20-3	**16**	mg/kg																						
NITROBENZENE	98-95-3	**0.2**	mg/kg																						
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.027	U																				
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg																						
P-CHLOROANILINE	106-47-8	-	mg/kg																						
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg																						
PHENANTHRENE	85-01-8	-	mg/kg	0.0408	J	0.178	J	2.93		< 0.018	U	0.0625	J	0.304		0.0278	J	< 0.15	U	3.61	J	0.157	J		
PHENOL	108-95-2	**5**	mg/kg																						
P-NITROANILINE	100-01-6	-	mg/kg	< 0.029	U																				
PYRENE	129-00-0	550	mg/kg																						

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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			Location	OSB-9		OSB-9		OSB-9		OSB-9		PSEG-SB62		PSEG-SB67		SB1		SB1		SB12		SB12	
			Depth interval	1 - 1.5 ft		2.3 - 2.8 ft		5 - 6.3 ft		5 - 6.3 ft		1.5 - 2 ft		1.5 - 2 ft		0.5 - 1 ft		4 - 4.5 ft		0 - 0.5 ft		4 - 4.5 ft	
			Sample ID	OSB-9A(1-1.5)		OSB-9B(2.3-2.8)		114-XOSB9C(5-6.3)		114-XOSB9CD(5-6.3)		1		3		SB1-0.5		SB1-4.0		SB12-0		SB12-4	
			Lab ID	J36325-4		J36325-5		J41625-1		J41625-3		854412		856779		10155-001		10155-002		10275-002		10275-004	
			Date collected	7/21/2006 3:00:00 PM		7/21/2006 10:25:00 AM		9/20/2006 8:35:00 AM		9/20/2006 8:40:00 AM		8/17/2007		8/28/2007		11/10/2003 9:50:00 AM		11/10/2003 10:15:00 AM		11/13/2003 11:05:00 AM		11/13/2003 11:15:00 AM	
			Sample Type	N		N		N		FD		N		N		N		N		N		N	
			Depth to Groundwater	5.2		5.2		5.2		5.2		4.1		5.3		4.7		4.7		6.4		6.4	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg													< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg									< 0.083	U	< 0.050	U								
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg									< 0.83	U	< 0.50	U								
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg									< 0.83	U	< 0.50	U								
1-1'-BIPHENYL	92-52-4	90	mg/kg													< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg									< 0.83	U	< 0.50	U								
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg									< 2.5	U	< 1.5	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg									< 0.16	U	< 0.099	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																				
2,6-DINITROTOLUENE	606-20-2	-	mg/kg									< 0.16	U	< 0.099	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg									0.54	J	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2-METHYLPHENOL	95-48-7	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2-NITROANILINE	88-74-4	-	mg/kg									< 1.6	U	< 0.99	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
2-NITROPHENOL	88-75-5	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg									< 1.6	UM	< 0.99	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
3-NITROANILINE	99-09-2	-	mg/kg									< 1.6	U	< 0.99	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg									< 2.5	U	< 1.5	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
4-NITROPHENOL	100-02-7	-	mg/kg									< 2.5	U	0.047	J	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
ACENAPHTHENE	83-32-9	**74**	mg/kg									1.6		< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
ACENAPHTHYLENE	208-96-8	-	mg/kg									0.082	J	< 0.50	U	0.268		< 0.237	U	< 0.115	U	0.436	
ACETOPHENONE	98-86-2	2	mg/kg													< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
ANTHRACENE	120-12-7	1500	mg/kg									3.3		< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
ATRAZINE	1912-24-9	**0.2**	mg/kg													< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
BENZALDEHYDE	100-52-7	-	mg/kg													< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	0.409		0.331		0.116		0.0506	J	**6.7**		< 0.050	U	< 0.218	U	< 0.237	U	0.197		0.090	J
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**0.447**		**0.34**		0.0972		0.0348	J	**5.9**		< 0.050	U	**0.378**	**J**	< 0.237	UM	0.175		**0.479**	
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	0.52		0.355		0.0731	J	0.0448	J	**6.3**		< 0.050	U	0.29		< 0.237	U	0.131		0.28	
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	0.381		0.266		0.0409	J	< 0.021	U	0.85		< 0.50	U	0.514		< 0.237	U	0.116		3	
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	0.458		0.259		0.0876		< 0.03	U	6.1		< 0.050	U	0.173	J	< 0.237	U	0.144		< 0.117	U
BENZYL ALCOHOL	100-51-6	-	mg/kg																				
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg									< 0.083	U	< 0.050	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg													< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg									< 0.83	U	0.22	J	< 0.218	U	< 0.237	U	0.154		< 0.117	U
CAPROLACTAM	105-60-2	8	mg/kg													< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
CARBAZOLE	86-74-8	-	mg/kg	< 0.015	U	< 0.015	U	< 0.016	U	< 0.016	U	0.97		< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
CHLOROPHENOLS	58-90-2	-	mg/kg																				
CHRYSENE	218-01-9	**52**	mg/kg									6.9		< 0.50	U	0.291		< 0.237	U	0.216		0.083	J

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	OSB-9		OSB-9		OSB-9		OSB-9		PSEG-SB62		PSEG-SB67		SB1		SB1		SB12		SB12	
			Depth interval	1 - 1.5 ft		2.3 - 2.8 ft		5 - 6.3 ft		5 - 6.3 ft		1.5 - 2 ft		1.5 - 2 ft		0.5 - 1 ft		4 - 4.5 ft		0 - 0.5 ft		4 - 4.5 ft	
			Sample ID	OSB-9A(1-1.5)		OSB-9B(2.3-2.8)		114-XOSB9C(5-6.3)		114-XOSB9CD(5-6.3)		1		3		SB1-0.5		SB1-4.0		SB12-0		SB12-4	
			Lab ID	J36325-4		J36325-5		J41625-1		J41625-3		854412		856779		10155-001		10155-002		10275-002		10275-004	
			Date collected	7/21/2006 3:00:00 PM		7/21/2006 10:25:00 AM		9/20/2006 8:35:00 AM		9/20/2006 8:40:00 AM		8/17/2007		8/28/2007		11/10/2003 9:50:00 AM		11/10/2003 10:15:00 AM		11/13/2003 11:05:00 AM		11/13/2003 11:15:00 AM	
			Sample Type	N		N		N		FD		N		N		N		N		N		N	
			Depth to Groundwater	5.2		5.2		5.2		5.2		4.1		5.3		4.7		4.7		6.4		6.4	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	0.121		0.0976		< 0.02	U	< 0.021	U	0.49		< 0.050	U	< 0.218	UM	< 0.237	UM	< 0.115	U	0.263	
DIBENZOFURAN	132-64-9	-	mg/kg									0.39	J	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
FLUORANTHENE	206-44-0	840	mg/kg									14		< 0.50	U	0.181	J	0.395		0.298		< 0.117	U
FLUORENE	86-73-7	110	mg/kg									1.4		< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg									< 0.16	U	< 0.099	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg									< 0.083	U	< 0.050	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg									< 0.083	U	< 0.050	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	0.305		0.225		0.0431	J	< 0.025	U	1.1		< 0.050	U	0.295		< 0.237	U	0.091	J	0.857	
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg									< 0.83	U	< 0.50	U								
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg																				
NAPHTHALENE	91-20-3	**16**	mg/kg									0.22	J	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
NITROBENZENE	98-95-3	**0.2**	mg/kg									< 0.083	U	< 0.050	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg									< 0.083	U	< 0.050	U	< 0.218	UM	< 0.237	UM	< 0.115	U	< 0.117	U
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
P-CHLOROANILINE	106-47-8	-	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg									< 2.5	U	0.047	J	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
PHENANTHRENE	85-01-8	-	mg/kg	0.417		0.268		0.0660	J	0.0613	J	14		< 0.50	U	< 0.218	U	< 0.237	U	0.247		0.171	
PHENOL	108-95-2	**5**	mg/kg									< 0.83	U	< 0.50	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
P-NITROANILINE	100-01-6	-	mg/kg									0.10	J	< 0.99	U	< 0.218	U	< 0.237	U	< 0.115	U	< 0.117	U
PYRENE	129-00-0	550	mg/kg									13		< 0.50	U	0.22		0.346		0.394		0.076	J

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	SB16		SB16		SB17		SB18		SB19		SB19		SB2		SB20		SB21		SB22	
			Depth interval	0 - 0.5 ft		3.5 - 4 ft		1 - 1.5 ft		1 - 1.5 ft		0.5 - 1 ft		2.5 - 3 ft		1 - 1.5 ft		0.5 - 1 ft		1.5 - 2 ft		1 - 1.5 ft	
			Sample ID	SB16-0		SB16-3		SB17-1		SB18-1		SB19-.5		SB19-2.		SB2-1.0		SB20-0.		SB21-1		SB22-1	
			Lab ID	10363-002		10363-004		10431-009		10275-006		10392-002		10392-003		10155-004		10363-008		10468-002		10431-004	
			Date collected	11/14/2003 3:20:00 PM		11/14/2003 1:30:00 PM		11/18/2003 3:00:00 PM		11/13/2003 3:00:00 PM		11/17/2003 3:00:00 PM		11/17/2003 3:10:00 PM		11/10/2003 2:05:00 PM		11/14/2003 2:40:00 PM		11/19/2003 9:25:00 AM		11/18/2003 1:35:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.5		5.5		5.4		4.8		5		5		5.5		5		5.3		4.5	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg																				
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg																				
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg																				
1-1'-BIPHENYL	92-52-4	90	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	0.225		< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg																				
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																				
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	1.64		< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2-NITROANILINE	88-74-4	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
3-NITROANILINE	99-09-2	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	0.263		< 0.149	U	< 0.189	U	0.595		< 0.262	U	< 0.116	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	0.285		< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
ACETOPHENONE	98-86-2	2	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
ANTHRACENE	120-12-7	1500	mg/kg	0.279		< 0.132	U	< 0.106	U	0.159		0.609		< 0.149	U	< 0.189	U	1.29		< 0.262	U	0.12	
ATRAZINE	1912-24-9	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
BENZALDEHYDE	100-52-7	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	**1.38**		0.272		< 0.106	U	**0.562**		**1.03**		< 0.149	U	< 0.189	U	**3.77**		0.212	J	**0.656**	
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**1.1**		0.196		< 0.106	U	**0.498**		**0.787**		< 0.149	U	< 0.189	U	**3.27**		0.183	J	**0.545**	
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	1.02		0.188		< 0.106	U	0.436		0.597		< 0.149	U	< 0.189	U	**2.83**		0.28		0.516	
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	0.676		< 0.132	U	< 0.106	U	0.306		0.418		< 0.149	U	< 0.189	U	2.19		< 0.262	U	0.339	
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	0.91		0.173		< 0.106	U	0.423		0.545		< 0.149	U	< 0.189	U	2.45		< 0.262	U	0.456	
BENZYL ALCOHOL	100-51-6	-	mg/kg																				
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	0.934		< 0.149	U	0.24		< 0.117	U	< 0.262	U	< 0.116	U
CAPROLACTAM	105-60-2	8	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
CARBAZOLE	86-74-8	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	0.43		< 0.262	U	< 0.116	U
CHLOROPHENOLS	58-90-2	-	mg/kg																				
CHRYSENE	218-01-9	**52**	mg/kg	1.34		0.264		< 0.106	U	0.583		0.976		< 0.149	U	< 0.189	U	3.66		0.189	J	0.708	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	SB16		SB16		SB17		SB18		SB19		SB19		SB2		SB20		SB21		SB22	
			Depth interval	0 - 0.5 ft		3.5 - 4 ft		1 - 1.5 ft		1 - 1.5 ft		0.5 - 1 ft		2.5 - 3 ft		1 - 1.5 ft		0.5 - 1 ft		1.5 - 2 ft		1 - 1.5 ft	
			Sample ID	SB16-0		SB16-3		SB17-1		SB18-1		SB19-.5		SB19-2.		SB2-1.0		SB20-0.		SB21-1		SB22-1	
			Lab ID	10363-002		10363-004		10431-009		10275-006		10392-002		10392-003		10155-004		10363-008		10468-002		10431-004	
			Date collected	11/14/2003 3:20:00 PM		11/14/2003 1:30:00 PM		11/18/2003 3:00:00 PM		11/13/2003 3:00:00 PM		11/17/2003 3:00:00 PM		11/17/2003 3:10:00 PM		11/10/2003 2:05:00 PM		11/14/2003 2:40:00 PM		11/19/2003 9:25:00 AM		11/18/2003 1:35:00 PM	
			Sample Type	N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	5.5		5.5		5.4		4.8		5		5		5.5		5		5.3		4.5	
			Excavated																				
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	0.23		< 0.132	U	< 0.106	U	0.106	J	0.159		< 0.149	U	< 0.189	U	**0.702**		< 0.262	UM	0.137	
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	0.235		< 0.262	U	< 0.116	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
FLUORANTHENE	206-44-0	840	mg/kg	2.75		0.551		< 0.106	U	1.08		1.53		< 0.149	U	0.219		7.72		0.36		1.27	
FLUORENE	86-73-7	110	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	0.494		< 0.149	U	< 0.189	U	0.452		< 0.262	U	< 0.116	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	0.602		< 0.132	U	< 0.106	U	0.285		0.376		< 0.149	U	< 0.189	U	1.94		< 0.262	U	0.308	
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg																				
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg																				
NAPHTHALENE	91-20-3	**16**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	2.36		< 0.149	U	< 0.189	U	0.139		< 0.262	U	< 0.116	U
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	UM	< 0.116	U
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
PHENANTHRENE	85-01-8	-	mg/kg	1.16		0.316		< 0.106	U	0.556		2.01		< 0.149	U	< 0.189	U	5.15		0.207	J	0.421	
PHENOL	108-95-2	**5**	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
P-NITROANILINE	100-01-6	-	mg/kg	< 0.122	U	< 0.132	U	< 0.106	U	< 0.156	U	< 0.115	U	< 0.149	U	< 0.189	U	< 0.117	U	< 0.262	U	< 0.116	U
PYRENE	129-00-0	550	mg/kg	2.56		0.546		< 0.106	U	1.01		1.89		< 0.149	U	< 0.189	U	7		0.313		1.12	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

			Location	SB4		SB5		TT108		TT109		TT109		TT110		TT110		TT112		TT114		TT114		TT1305	
			Depth interval	2 - 2.5 ft		1 - 1.5 ft		4 - 4.5 ft		1 - 1.5 ft		4 - 4.5 ft		0 - 0.5 ft		4 - 4.5 ft		6 - 6.5 ft		0 - 0.5 ft		3 - 3.5 ft		1.5 - 2 ft	
			Sample ID	SB4-2.0		SB5-1.0		TT-108		TT-109		TT-109		TT110-0		TT110-4		TT112-6		TT114-0		TT114-3		TT1305	
			Lab ID	10170-003		10170-001		662002		662004		662003		662010		662009		662167		662013		662012		662644	
			Date collected	11/11/2003 1:40:00 PM		11/11/2003 8:30:00 AM		8/5/2003		8/5/2003		8/5/2003		8/5/2003		8/5/2003		8/6/2003		8/5/2003		8/5/2003		8/7/2003	
			Sample Type	N		N		N		N		N		N		N		N		N		N		N	
			Depth to Groundwater	3.6		3.5		4.3		4.3		4.3		4.7		4.7		6.6		6.5		6.5		4.4	
			Excavated																						
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg	< 0.113	U	< 0.137	U																		
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg					< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg					< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg					< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	UM	< 11	UM	< 1.2	U	< 6.2	UM	< 12	UM
1-1'-BIPHENYL	92-52-4	90	mg/kg	< 0.113	U	< 0.137	U																		
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg					< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 0.113	U	< 0.137	U	< 7.3	U	< 2.5	U	< 24	U	< 6.8	U	< 78	U	< 57	U	< 6.2	U	< 32	U	< 63	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	UM	< 0.49	U	< 4.6	UM	< 1.3	UM	< 15	UM	< 11	UM	< 1.2	UM	< 6.2	UM	< 12	UM
2,4-Dinitrotoluene	25321-14-6	-	mg/kg																						
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	UM	< 0.49	U	< 4.6	UM	< 1.3	UM	< 15	UM	< 11	UM	< 1.2	UM	< 6.2	UM	< 12	UM
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	**54**		< 1.2	U	< 6.2	U	< 12	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
2-NITROANILINE	88-74-4	-	mg/kg	< 0.113	U	< 0.137	U	< 7.3	U	< 2.5	U	< 24	U	< 6.8	U	< 78	UM	< 57	UM	< 6.2	U	< 32	U	< 63	UM
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	UM	< 0.49	U	< 4.6	UM	< 1.3	UM	< 15	UM	< 11	UM	< 1.2	UM	< 6.2	UM	< 12	UM
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
3-NITROANILINE	99-09-2	-	mg/kg	< 0.113	U	< 0.137	U	< 7.3	U	< 2.5	U	< 24	U	< 6.8	U	< 78	U	< 57	U	< 6.2	U	< 32	U	< 63	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 0.113	U	< 0.137	U	< 7.3	UM	< 2.5	U	< 24	UM	< 6.8	UM	< 78	UM	< 57	UM	< 6.2	UM	< 32	UM	< 63	UM
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 0.113	U	< 0.137	U	< 7.3	U	< 2.5	U	< 24	U	< 6.8	U	< 78	U	< 57	U	< 6.2	U	< 32	U	< 63	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	**88**		< 1.3	U	25		**91**		< 1.2	U	< 6.2	U	< 12	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	39		25		< 1.2	U	< 6.2	U	< 12	U
ACETOPHENONE	98-86-2	2	mg/kg	< 0.113	U	< 0.137	U																		
ANTHRACENE	120-12-7	1500	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	44		< 1.3	U	25		53		< 1.2	U	< 6.2	U	< 12	U
ATRAZINE	1912-24-9	**0.2**	mg/kg	< 0.113	U	< 0.137	U																		
BENZALDEHYDE	100-52-7	-	mg/kg	< 0.113	U	< 0.137	U																		
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	< 0.113	U	< 0.137	U	**1.8**		< 0.49	U	< 4.6	UM	< 1.3	UM	**18**		**47**		< 1.2	UM	< 6.2	UM	**5.7**	
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	< 0.113	U	< 0.137	U	**2.3**		< 0.49	UM	< 4.6	UM	< 1.3	UM	< 15	UM	**37**		**1.4**		< 6.2	UM	**4.9**	
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	< 0.113	U	< 0.137	U	1.5		< 0.49	U	< 4.6	UM	< 1.3	UM	**6.6**		**26**		< 1.2	UM	< 6.2	UM	**4.1**	
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	8.4		< 1.3	U	5.8		14		< 1.2	U	8.5		2.7	
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	8.3		**26**		< 1.2	U	< 6.2	UM	3.9	
BENZYL ALCOHOL	100-51-6	-	mg/kg					< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	UM	< 0.49	UM	< 4.6	UM	< 1.3	UM	< 15	UM	< 11	UM	< 1.2	UM	< 6.2	UM	< 12	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg	< 0.113	U	< 0.137	U																		
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
CAPROLACTAM	105-60-2	8	mg/kg	< 0.113	U	< 0.137	U																		
CARBAZOLE	86-74-8	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	9.4		< 1.2	U	< 6.2	U	< 12	U
CHLOROPHENOLS	58-90-2	-	mg/kg																						
CHRYSENE	218-01-9	**52**	mg/kg	< 0.113	U	< 0.137	U	2		< 0.49	U	< 4.6	U	< 1.3	U	18		49		1.3		< 6.2	U	5.9	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location		SB4		SB5		TT108		TT109		TT109		TT110		TT110		TT112		TT114		TT114		TT1305	
				Depth interval		2 - 2.5 ft		1 - 1.5 ft		4 - 4.5 ft		1 - 1.5 ft		4 - 4.5 ft		0 - 0.5 ft		4 - 4.5 ft		6 - 6.5 ft		0 - 0.5 ft		3 - 3.5 ft		1.5 - 2 ft	
				Sample ID		SB4-2.0		SB5-1.0		TT-108		TT-109		TT-109		TT110-0		TT110-4		TT112-6		TT114-0		TT114-3		TT1305	
				Lab ID		10170-003		10170-001		662002		662004		662003		662010		662009		662167		662013		662012		662644	
				Date collected		11/11/2003 1:40:00 PM		11/11/2003 8:30:00 AM		8/5/2003		8/5/2003		8/5/2003		8/5/2003		8/5/2003		8/6/2003		8/5/2003		8/5/2003		8/7/2003	
				Sample Type		N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater		3.6		3.5		4.3		4.3		4.3		4.7		4.7		6.6		6.5		6.5		4.4	
				Excavated																							
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	UM	< 0.49	UM	< 4.6	UM	< 1.3	UM	< 15	UM	**5.5**		< 1.2	UM	< 6.2	UM	< 12	UM
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	4.8		< 1.3	U	3.2		8.9		< 1.2	U	< 6.2	U	< 12	U
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
FLUORANTHENE	206-44-0	840	mg/kg	< 0.113	U	0.096	J	2.8		< 0.49	U	51		1.4		29		< 11	U	2.1		< 6.2	U	< 12	U
FLUORENE	86-73-7	110	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	42		< 1.3	U	26		47		< 1.2	U	< 6.2	U	< 12	U
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	UM	< 11	UM	< 1.2	U	< 6.2	UM	< 12	UM
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	UM	< 0.49	UM	< 4.6	UM	< 1.3	UM	< 15	UM	< 11	UM	< 1.2	UM	< 6.2	UM	< 12	UM
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	UM	< 0.49	U	**7.5**		< 1.3	UM	5		**13**		< 1.2	UM	**7.6**		2.7	
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg					< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg					< 1.4	UM	< 0.49	U	< 4.6	UM	< 1.3	UM	< 15	UM	< 11	UM	< 1.2	UM	< 6.2	UM	< 12	UM
NAPHTHALENE	91-20-3	**16**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	**220**		**260**		< 1.2	U	< 6.2	UM	< 12	UM
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	UM	< 0.49	UM	< 4.6	UM	< 1.3	UM	< 15	UM	< 11	UM	< 1.2	UM	< 6.2	UM	< 12	UM
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 0.113	U	< 0.137	U	< 7.3	UM	< 2.5	U	< 24	UM	< 6.8	UM	< 78	UM	< 57	UM	< 6.2	UM	< 32	UM	< 63	UM
PHENANTHRENE	85-01-8	-	mg/kg	< 0.113	U	0.14		< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	84		170		1.4		< 6.2	U	7.5	
PHENOL	108-95-2	**5**	mg/kg	< 0.113	U	< 0.137	U	< 1.4	U	< 0.49	U	< 4.6	U	< 1.3	U	< 15	U	< 11	U	< 1.2	U	< 6.2	U	< 12	U
P-NITROANILINE	100-01-6	-	mg/kg	< 0.113	U	< 0.137	U	< 7.3	U	< 2.5	U	< 24	U	< 6.8	U	< 78	U	< 57	U	< 6.2	U	< 32	U	< 63	U
PYRENE	129-00-0	550	mg/kg	< 0.113	U	< 0.137	U	2.7		< 0.49	U	62		< 1.3	U	42		95		1.8		< 6.2	U	8.8	

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

			Location	TT1308		TT315		TT315		TT316		TT317		TT319		TT703	
			Depth interval	0 - 0.5 ft		1 - 1.5 ft		3 - 3.5 ft		4 - 4.5 ft		2 - 2.5 ft		0 - 0.5 ft		0 - 0.5 ft	
			Sample ID	TT1308-		TT315-1		TT315-3		TT316-4		TT317-2		TT319-0		TT703-0	
			Lab ID	662666		662169		662168		662171		662170		662635		662658	
			Date collected	8/7/2003		8/6/2003		8/6/2003		8/6/2003		8/6/2003		8/7/2003		8/7/2003	
			Sample Type	N		N		N		N		N		N		N	
			Depth to Groundwater	4.3		6.7		6.7		5.6		5.2		4		4.5	
			Excavated														
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
1,2,4,5-TETRACHLOROBENZENE	95-94-3	-	mg/kg														
1,2,4-TRICHLOROBENZENE	120-82-1	**0.4**	mg/kg	< 0.45	U	**5.9**		< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
1,2-DICHLOROBENZENE	95-50-1	**11**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
1,4-DICHLOROBENZENE	106-46-7	**1**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	UM	< 22	UM	< 2.7	U	< 1.2	U
1-1'-BIPHENYL	92-52-4	90	mg/kg														
2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	**3**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	UM	< 22	U	< 2.7	U	< 1.2	U
2,4,5-TRICHLOROPHENOL	95-95-4	**44**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
2,4,6-TRICHLOROPHENOL	88-06-2	**0.2**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	UM	< 22	UM	< 2.7	U	< 1.2	U
2,4-DICHLOROPHENOL	120-83-2	**0.2**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
2,4-DIMETHYLPHENOL	105-67-9	**0.7**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
2,4-DINITROPHENOL	51-28-5	**0.3**	mg/kg	< 2.3	U	< 23	U	< 2.2	U	< 130	UM	< 110	U	< 14	U	< 6.4	U
2,4-DINITROTOLUENE	121-14-2	-	mg/kg	< 0.45	U	< 4.5	UM	< 0.42	U	< 25	UM	< 22	UM	< 2.7	UM	< 1.2	UM
2,4-Dinitrotoluene	25321-14-6	-	mg/kg														
2,6-DINITROTOLUENE	606-20-2	-	mg/kg	< 0.45	U	< 4.5	UM	< 0.42	U	< 25	UM	< 22	UM	< 2.7	UM	< 1.2	UM
2-CHLORONAPHTHALENE	91-58-7	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
2-CHLOROPHENOL	95-57-8	**0.5**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
2-METHYLNAPHTHALENE	91-57-6	**5**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
2-METHYLPHENOL	95-48-7	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
2-NITROANILINE	88-74-4	-	mg/kg	< 2.3	U	< 23	U	< 2.2	U	< 130	UM	< 110	UM	< 14	U	< 6.4	U
2-NITROPHENOL	88-75-5	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
3,3'-DICHLOROBENZIDINE	91-94-1	**0.2**	mg/kg	< 0.45	U	< 4.5	UM	< 0.42	U	< 25	UM	< 22	UM	< 2.7	UM	< 1.2	UM
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	**0.2**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
3+4-METHYLPHENOL	106-44-5	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
3-NITROANILINE	99-09-2	-	mg/kg	< 2.3	U	< 23	U	< 2.2	U	< 130	U	< 110	U	< 14	U	< 6.4	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	**0.3**	mg/kg	< 2.3	U	< 23	UM	< 2.2	U	< 130	UM	< 110	UM	< 14	UM	< 6.4	UM
4-BROMOPHENYL PHENYL ETHER	101-55-3	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
4-CHLORO-3-METHYLPHENOL	59-50-7	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
4-NITROPHENOL	100-02-7	-	mg/kg	< 2.3	U	< 23	U	< 2.2	U	< 130	U	< 110	U	< 14	U	< 6.4	U
ACENAPHTHENE	83-32-9	**74**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	8.2		< 22	U	< 2.7	U	< 1.2	U
ACENAPHTHYLENE	208-96-8	-	mg/kg	< 0.45	U	5.1		< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
ACETOPHENONE	98-86-2	2	mg/kg														
ANTHRACENE	120-12-7	1500	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	60		< 22	U	< 2.7	U	< 1.2	U
ATRAZINE	1912-24-9	**0.2**	mg/kg														
BENZALDEHYDE	100-52-7	-	mg/kg														
BENZO(A)ANTHRACENE	56-55-3	**0.5**	mg/kg	**1.9**		< 4.5	UM	< 0.42	U	< 25	UM	**31**		< 2.7	UM	< 1.2	UM
BENZO(A)PYRENE	50-32-8	**0.2**	mg/kg	**1.9**		**9.4**		< 0.42	UM	< 25	UM	**39**		< 2.7	UM	< 1.2	UM
BENZO(B)FLUORANTHENE	205-99-2	**2**	mg/kg	1.6		**7**		< 0.42	U	**77**		**23**		< 2.7	UM	< 1.2	UM
BENZO(G,H,I)PERYLENE	191-24-2	-	mg/kg	1.1		9.1		< 0.42	U	81		24		< 2.7	U	< 1.2	U
BENZO(K)FLUORANTHENE	207-08-9	**16**	mg/kg	1.6		< 4.5	U	< 0.42	U	**83**		**27**		< 2.7	U	< 1.2	U
BENZYL ALCOHOL	100-51-6	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
BENZYL BUTYL PHTHALATE	85-68-7	150	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
BIS(-2-CHLOROETHOXY)METHANE	111-91-1	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
BIS(2-CHLOROETHYL)ETHER	111-44-4	**0.2**	mg/kg	< 0.45	UM	< 4.5	UM	< 0.42	UM	< 25	UM	< 22	UM	< 2.7	UM	< 1.2	UM
BIS(2-CHLOROISOPROPYL)ETHER	39638-32-9	-	mg/kg														
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U
CAPROLACTAM	105-60-2	8	mg/kg														
CARBAZOLE	86-74-8	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	UM	< 22	U	< 2.7	U	< 1.2	U
CHLOROPHENOLS	58-90-2	-	mg/kg														
CHRYSENE	218-01-9	**52**	mg/kg	1.8		< 4.5	U	< 0.42	U	< 25	U	40		< 2.7	U	< 1.2	U

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

				Location		TT1308		TT315		TT315		TT316		TT317		TT319		TT703	
				Depth interval		0 - 0.5 ft		1 - 1.5 ft		3 - 3.5 ft		4 - 4.5 ft		2 - 2.5 ft		0 - 0.5 ft		0 - 0.5 ft	
				Sample ID		TT1308-		TT315-1		TT315-3		TT316-4		TT317-2		TT319-0		TT703-0	
				Lab ID		662666		662169		662168		662171		662170		662635		662658	
				Date collected		8/7/2003		8/6/2003		8/6/2003		8/6/2003		8/6/2003		8/7/2003		8/7/2003	
				Sample Type		N		N		N		N		N		N		N	
				Depth to Groundwater		4.3		6.7		6.7		5.6		5.2		4		4.5	
				Excavated															
Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
DIBENZO(A,H)ANTHRACENE	53-70-3	**0.5**	mg/kg	< 0.45	UM	< 4.5	UM	< 0.42	UM	**29**		**7.4**		< 2.7	UM	< 1.2	UM		
DIBENZOFURAN	132-64-9	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	3.6		< 22	U	< 2.7	U	< 1.2	U		
DIETHYL PHTHALATE	84-66-2	**57**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
DIMETHYL PHTHALATE	131-11-3	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
DI-N-BUTYLPHTHALATE	84-74-2	620	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
DI-N-OCTYL PHTHALATE	117-84-0	3300	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
FLUORANTHENE	206-44-0	840	mg/kg	3.4		< 4.5	U	< 0.42	U	< 25	U	25		< 2.7	U	1.7			
FLUORENE	86-73-7	110	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	32		< 22	U	< 2.7	U	< 1.2	U		
HEXACHLORO-1,3-BUTADIENE	87-68-3	**0.6**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	UM	< 22	UM	< 2.7	U	< 1.2	U		
HEXACHLOROBENZENE	118-74-1	**0.2**	mg/kg	< 0.45	UM	< 4.5	UM	< 0.42	UM	< 25	UM	< 22	UM	< 2.7	UM	< 1.2	UM		
HEXACHLOROCYCLOPENTADIENE	77-47-4	210	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
HEXACHLOROETHANE	67-72-1	**0.2**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
INDENO(1,2,3-CD)PYRENE	193-39-5	**5**	mg/kg	1.1		**6.6**		< 0.42	U	**68**		< 22	UM	< 2.7	UM	< 1.2	UM		
M-DICHLOROBENZENE	541-73-1	**12**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
METHANAMINE, N-METHYL-N-NITROSO	62-75-9	**0.7**	mg/kg	< 0.45	U	< 4.5	UM	< 0.42	U	< 25	UM	< 22	UM	< 2.7	UM	< 1.2	UM		
NAPHTHALENE	91-20-3	**16**	mg/kg	< 0.45	U	6.7		< 0.42	U	< 25	UM	< 22	UM	< 2.7	U	< 1.2	U		
NITROBENZENE	98-95-3	**0.2**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	**0.2**	mg/kg	< 0.45	UM	< 4.5	UM	< 0.42	UM	< 25	UM	< 22	UM	< 2.7	UM	< 1.2	UM		
N-NITROSODIPHENYLAMINE	86-30-6	**0.2**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
P-CHLOROANILINE	106-47-8	-	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
PENTACHLOROPHENOL	87-86-5	**0.3**	mg/kg	< 2.3	U	< 23	UM	< 2.2	U	< 130	UM	< 110	UM	< 14	UM	< 6.4	UM		
PHENANTHRENE	85-01-8	-	mg/kg	1.1		4.9		< 0.42	U	< 25	U	6.2		< 2.7	U	< 1.2	U		
PHENOL	108-95-2	**5**	mg/kg	< 0.45	U	< 4.5	U	< 0.42	U	< 25	U	< 22	U	< 2.7	U	< 1.2	U		
P-NITROANILINE	100-01-6	-	mg/kg	< 2.3	U	< 23	U	< 2.2	U	< 130	U	< 110	U	< 14	U	< 6.4	U		
PYRENE	129-00-0	550	mg/kg	2.6		< 4.5	U	< 0.42	U	< 25	U	41		< 2.7	U	1.4			

Appendix I2 Table I2-3
Soil Analytical Results -SVOC
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

Sample Type = N indicates normal original sample; FD indicates duplicate sample.

Depth to groundwater based on 2011 groundwater gauging and soil boing logs used to determine the unsaturated zone.

Excavated indicates that the sample has been removed as part of remedial efforts.

Results = R indicates results; Q indicates qualifier

DIGWSSL = NJDEP Default Impact to Groundwater Soil Screening Level.

Bold values indicate a detected result that exceeds the DIGWSSL.

B - Indicates that the analyte was reported in a blank sample.

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

M - Indicates a non-detect result exceeding the most stringent of the NJDEP Residential or Nonresidential Soil Remediation Standards. Qualifiers were not provided where non-detect data exceeded the DIGWSSL.

R - Indicates that the result for this analyte has been rejected.

U - Indicates the analyte was not detected in the sample above the sample reporting limit.

UJ - Indicates the analyte was not detected above the reporting limit and the reporitng limit was approximate.

A blank result value indicates the analysis was not requested.

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location	114-PB1302		114-PH13		114-PI11		114-PI11		114-PI12		114-PI12		114-PI13		114-PI13		114-PJ11		114-PJ11	
				Depth interval	0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		1 - 1.5 ft	
				Sample ID	114-PB1302-00		114-PH13-02		114-PI11-00		114-PI11-02		114-PI12-00		114-PI12-02		114-PI13-00		114-PI13-02		114-PJ11-00		114-PJ11-01	
				Lab ID	460-26238-43		460-27070-21		460-26238-39		460-26238-40		460-26238-36		460-26238-37		460-26238-33		460-26238-34		460-26238-23		460-26238-24	
				Date collected	5/5/2011 1:35:00 PM		5/31/2011 2:19:00 PM		5/6/2011 11:50:00 AM		5/6/2011 11:54:00 AM		5/6/2011 11:30:00 AM		5/6/2011 11:37:00 AM		5/6/2011 11:12:00 AM		5/6/2011 11:18:00 AM		5/6/2011 10:15:00 AM		5/6/2011 10:25:00 AM	
				Sample Type	N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	4.6		4.6		4.7		4.7		4.6		4.6		4.5		4.5		4.6		4.6	
				Excavated																				
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.017	U	< 0.015	U	< 0.015	U	< 0.018	U	< 0.018	U	< 0.022	U	< 0.015	U	< 0.022	U	< 0.016	U	< 0.019	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.027	U	< 0.024	U	< 0.024	U	< 0.029	U	< 0.028	U	< 0.034	U	< 0.024	U	< 0.035	U	< 0.025	U	< 0.03	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.052	U	< 0.046	U	< 0.045	U	< 0.054	U	< 0.052	U	< 0.064	U	< 0.045	U	< 0.067	U	< 0.047	U	< 0.057	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.017	U	< 0.015	U	< 0.015	U	< 0.018	U	< 0.017	U	< 0.021	U	< 0.015	U	< 0.022	U	< 0.016	U	< 0.019	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.024	U	< 0.022	U	< 0.021	U	< 0.025	U	< 0.024	U	< 0.03	U	< 0.021	U	< 0.031	U	< 0.022	U	< 0.027	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	0.18		0.075		< 0.027	U	0.072		< 0.031	U	0.053		< 0.027	U	**0.66**		0.075		< 0.034	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.01	U	< 0.0090	U	< 0.0089	U	< 0.011	U	< 0.01	U	< 0.013	U	< 0.0088	U	0.12		< 0.0092	U	< 0.011	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg	< 0.016	U	< 0.014	U	< 0.014	U	< 0.016	U	< 0.016	U	< 0.019	U	< 0.013	U	< 0.02	U	< 0.014	U	< 0.017	U
SW8082	PCB 1268	11100-14-4	0.2	mg/kg	< 0.016	U	< 0.014	U	< 0.014	U	< 0.016	U	< 0.016	U	< 0.019	U	< 0.013	U	< 0.02	U	< 0.014	U	< 0.017	U
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	0.18		0.075		< 0.045	U	0.072		< 0.052	U	0.053		< 0.045	U	**0.78**		0.075		< 0.057	U

Appendix I2 Table I2-4

Soil Analytical Results - PCBs

Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels

PPG Industries, Jersey City, New Jersey

Remedial Investigation Report - Soil

AECOM

				Location	114-PJ12		114-PJ12		114-PJ12		114-PJ13		114-PJ13		114-PK11		114-PK11		114-PK11		114-PK12		114-PK12	
				Depth interval	0 - 0.5 ft		2 - 2.5 ft		2 - 2.5 ft		0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		1 - 1.5 ft		1 - 1.5 ft		0 - 0.5 ft		1 - 1.5 ft	
				Sample ID	114-PJ12-00		114-PJ12-02		114-PJ12-02-Z		114-PJ13-00		114-PJ13-02		114-PK11-00		114-PK11-01		114-PK11-01-Z		114-PK12-00		114-PK12-01	
				Lab ID	460-26238-26		460-26238-27		460-26238-28		460-26238-30		460-26238-31		460-26238-19		460-26238-20		460-26238-21		460-26238-16		460-26238-17	
				Date collected	5/6/2011 10:38:00 AM		5/6/2011 10:48:00 AM		5/6/2011 10:50:00 AM		5/6/2011 11:00:00 AM		5/6/2011 11:03:00 AM		5/6/2011 10:03:00 AM		5/6/2011 10:07:00 AM		5/6/2011 10:08:00 AM		5/6/2011 9:50:00 AM		5/6/2011 9:53:00 AM	
				Sample Type	N		N		FD		N		N		N		N		FD		N		N	
				Depth to Groundwater	4.6		4.6		4.6		4.5		4.5		4.6		4.6		4.6		4.5		4.5	
				Excavated																				
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.015	U	< 0.077	U	< 0.08	U	< 0.015	U	< 0.017	U	< 0.015	U	< 0.019	U	< 0.021	U	< 0.016	U	< 0.017	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.024	U	< 0.12	U	< 0.13	U	< 0.024	U	< 0.026	U	< 0.024	U	< 0.03	U	< 0.033	U	< 0.025	U	< 0.027	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.045	U	< 0.23	UM	< 0.24	UM	< 0.045	U	< 0.05	U	< 0.045	U	< 0.056	U	< 0.062	U	< 0.046	U	< 0.051	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.015	U	< 0.077	U	< 0.08	U	< 0.015	U	< 0.017	U	< 0.015	U	< 0.019	U	< 0.021	U	< 0.015	U	< 0.017	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.021	U	< 0.11	U	< 0.11	U	< 0.021	U	< 0.023	U	< 0.021	U	< 0.026	U	< 0.029	U	< 0.022	U	< 0.024	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	0.14		**5.3**		**5.3**		0.11		< 0.03	U	< 0.027	U	< 0.034	U	< 0.038	U	**0.26**		< 0.031	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.0089	U	**1.4**		**1.3**		0.03		< 0.0098	U	**0.22**		0.044		0.032		**0.25**		0.036	
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg	< 0.014	U	< 0.069	U	< 0.072	U	< 0.014	U	< 0.015	U	< 0.014	U	< 0.017	U	< 0.019	U	< 0.014	U	< 0.015	U
SW8082	PCB 1268	11100-14-4	0.2	mg/kg	< 0.014	U	< 0.069	U	< 0.072	U	< 0.014	U	< 0.015	U	< 0.014	U	< 0.017	U	< 0.019	U	< 0.014	U	< 0.015	U
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	0.14		**6.7**		**6.6**		0.14		< 0.05	U	**0.22**		0.044		0.032		**0.51**		0.036	

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location	114-PK13		114-PK13		114-PL11		114-PL11		114-PL12		114-PL12		114-PL13		114-PL13		A4		A4	
				Depth interval	0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		1 - 1.5 ft		0 - 0.5 ft		1 - 1.5 ft		0 - 0.5 ft		1 - 1.5 ft		1.4 - 1.7 ft		5 - 5.5 ft	
				Sample ID	114-PK13-00		114-PK13-02		114-PL11-00		114-PL11-01		114-PL12-00		114-PL12-01		114-PL13-00		114-PL13-01		A4S1.4		A4DS5	
				Lab ID	460-26238-13		460-26238-14		460-26238-46		460-26238-47		460-26238-49		460-26238-50		460-26238-10		460-26238-11		666217		666219	
				Date collected	5/6/2011 9:35:00 AM		5/6/2011 9:40:00 AM		5/5/2011 2:35:00 PM		5/5/2011 2:40:00 PM		5/5/2011 2:50:00 PM		5/5/2011 2:55:00 PM		5/6/2011 9:25:00 AM		5/6/2011 9:28:00 AM		8/21/2003 8:35:00 AM		8/21/2003 8:45:00 AM	
				Sample Type	N		N		N		N		N		N		N		N		N		FD	
				Depth to Groundwater	4.4		4.4		4.5		4.5		4.5		4.5		4.4		4.4		5.2		5.2	
				Excavated																				
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.015	U	< 0.016	U	< 0.016	U	< 0.018	U	< 0.016	U	< 0.018	U	< 0.015	U	< 0.016	U	< 0.037	U	< 0.038	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.023	U	< 0.025	U	< 0.026	U	< 0.028	U	< 0.025	U	< 0.029	U	< 0.024	U	< 0.025	U	< 0.037	U	< 0.038	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.044	U	< 0.047	U	< 0.048	U	< 0.052	U	< 0.047	U	< 0.054	U	< 0.045	U	< 0.048	U	< 0.037	U	< 0.038	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.015	U	< 0.016	U	< 0.016	U	< 0.017	U	< 0.016	U	< 0.018	U	< 0.015	U	< 0.016	U	< 0.037	U	< 0.038	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.02	U	< 0.022	U	< 0.023	U	< 0.024	U	< 0.022	U	< 0.025	U	< 0.021	U	< 0.022	U	< 0.037	U	< 0.038	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.026	U	< 0.028	U	< 0.029	U	< 0.031	U	< 0.029	U	< 0.033	U	< 0.027	U	< 0.029	U	< 0.037	U	< 0.038	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.0086	U	< 0.0093	U	0.024		< 0.01	U	< 0.0093	U	< 0.011	U	< 0.0089	U	< 0.0094	U	0.10		< 0.038	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg	< 0.013	U	< 0.014	U	< 0.015	U	< 0.016	U	0.058		< 0.016	U	< 0.014	U	0.053					
SW8082	PCB 1268	11100-14-4	0.2	mg/kg	< 0.013	U	< 0.014	U	< 0.015	U	< 0.016	U	< 0.014	U	< 0.016	U	< 0.014	U	< 0.014	U				
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.044	U	< 0.047	U	0.024		< 0.052	U	0.058		< 0.054	U	< 0.045	U	0.053		0.10		< 0.038	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location	A4		A6		AA5		B1001		B1001		B101		B102		B102		B103		B104		B105	
				Depth interval	5 - 5.5 ft		1.5 - 2 ft		3 - 3.5 ft		0 - 0.5 ft		2.8 - 3.3 ft		0 - 0.5 ft		0 - 0.5 ft		5.5 - 6 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft	
				Sample ID	A4S5.0		A6S-1.5		AA5S-3		B1001-0		B1001-2		B101-0		B102-0		B102-5		B-103-0		B-104-0		B-105-0	
				Lab ID	666218		668995		669002		664553		664555		663698		663703		663705		663237		663223		663231	
				Date collected	8/21/2003 8:40:00 AM		9/2/2003 4:00:00 PM		9/2/2003 6:00:00 PM		8/15/2003		8/15/2003		8/12/2003		8/12/2003		8/12/2003		8/11/2003		8/11/2003		8/11/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	5.2		5.4		5.9		4.2		4.2		6.7		6.1		6.1		6.1		4.5		4.8	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.037	UJ	< 0.041	U	< 0.04	U	< 0.83	UM	< 0.079	U	< 0.081	U	< 0.08	U	< 0.083	U	< 0.43	UM	< 0.039	U	< 0.04	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.037	UJ	< 0.041	U	< 0.04	U	< 0.83	UM	< 0.079	U	< 0.081	U	< 0.08	U	< 0.083	U	< 0.43	UM	< 0.039	U	< 0.04	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.037	UJ	< 0.041	U	< 0.04	U	< 0.83	UM	< 0.079	U	< 0.081	U	< 0.08	U	< 0.083	U	< 0.43	UM	< 0.039	U	< 0.04	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.037	UJ	< 0.041	U	< 0.04	U	< 0.83	UM	< 0.079	U	< 0.081	U	< 0.08	U	< 0.083	U	< 0.43	UM	< 0.039	U	< 0.04	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.037	UJ	< 0.041	U	< 0.04	U	< 0.83	UM	< 0.079	U	< 0.081	U	< 0.08	U	< 0.083	U	< 0.43	UM	< 0.039	U	< 0.04	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.037	UJ	< 0.041	U	< 0.04	U	< 0.83	UM	< 0.079	U	< 0.081	U	< 0.08	U	< 0.083	U	< 0.43	UM	< 0.039	U	< 0.04	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.037	UJ	< 0.041	U	< 0.04	U	< 0.83	UM	0.095		< 0.081	U	< 0.08	U	< 0.083	U	< 0.43	UM	0.061		< 0.04	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.037	U	< 0.041	U	< 0.040	U	< 0.83	UM	0.095		< 0.081	U	< 0.080	U	< 0.083	U	< 0.43	UM	0.061		< 0.040	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location	B107		B1101		B1201		B1301		B1301		B1302		B1303		B1304		B1304		B1304A		B1304A	
				Depth interval	0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		2 - 3 ft		0.3 - 0.8 ft		5 - 5.5 ft	
				Sample ID	B-107-0		B1101-0		B1201-0		B1301-0		B1301-2		B1302-0		B1303-0		B1304-0		B1304-2		B1304A		B1304Ab	
				Lab ID	663234		664528		664540		664524		664526		664563		665425		665409		665420		665714		665716	
				Date collected	8/11/2003		8/15/2003		8/15/2003		8/15/2003		8/15/2003		8/15/2003		8/19/2003		8/19/2003		8/19/2003		8/20/2003		8/20/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	5.1		4.2		4.4		4.3		4.3		4.6		5.2		5.2		5.2		5.2		5.2	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.047	U	< 0.77	UM	< 0.81	UM	< 0.078	U	< 0.075	U	< 430	UM	< 0.07	U	< 0.069	U	< 0.079	U	< 0.07	U	< 0.1	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.047	U	< 0.77	UM	< 0.81	UM	< 0.078	U	< 0.075	U	< 430	UM	< 0.07	U	< 0.069	U	< 0.079	U	< 0.07	U	< 0.1	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.047	U	< 0.77	UM	< 0.81	UM	< 0.078	U	< 0.075	U	< 430	UM	< 0.07	U	< 0.069	U	< 0.079	U	< 0.07	U	< 0.1	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.047	U	< 0.77	UM	< 0.81	UM	< 0.078	U	< 0.075	U	< 430	UM	< 0.07	U	< 0.069	U	< 0.079	U	< 0.07	U	< 0.1	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.047	U	< 0.77	UM	< 0.81	UM	< 0.078	U	< 0.075	U	< 430	UM	< 0.07	U	< 0.069	U	< 0.079	U	< 0.07	U	< 0.1	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.047	U	< 0.77	UM	< 0.81	UM	< 0.078	U	< 0.075	U	**2800**		< 0.07	U	< 0.069	U	< 0.079	U	< 0.07	U	< 0.1	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.047	U	< 0.77	UM	< 0.81	UM	< 0.078	U	< 0.075	U	< 430	UM	< 0.07	U	< 0.069	U	< 0.079	U	< 0.07	U	< 0.1	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.047	U	< 0.77	UM	< 0.81	UM	< 0.078	U	< 0.075	U	**2800**		< 0.070	U	< 0.069	U	< 0.079	U	< 0.070	U	< 0.10	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location	B1304B		B1304B		B1304C		B1401		B1402		B1402A		B1402A		B201		B201		B201		B201	
				Depth interval	0.3 - 0.8 ft		4.5 - 5 ft		0.3 - 0.8 ft		0.8 - 1.3 ft		0.3 - 0.8 ft		0.3 - 0.8 ft		2.5 - 3 ft		0 - 0.5 ft		4 - 4.5 ft		5 - 5.5 ft		6 - 6.5 ft	
				Sample ID	B1304Be		B1304Ba		B1304Cb		B1401-0		B1402-0		B1402A		B1402Ac		B201-0		B201-4		B201-5		B201-6	
				Lab ID	665720		665722		665726		665431		665443		665709		665712		663708		663713		663710		663711	
				Date collected	8/20/2003		8/20/2003		8/20/2003		8/19/2003		8/19/2003		8/20/2003		8/20/2003		8/12/2003		8/12/2003		8/12/2003		8/12/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	5.3		5.3		5.4		5.5		5.1		5		5		6.3		6.3		6.3		6.3	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.081	U	< 0.098	U	< 0.072	U	< 0.074	U	< 0.072	U	< 0.094	U	< 0.089	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.078	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.081	U	< 0.098	U	< 0.072	U	< 0.074	U	< 0.072	U	< 0.094	U	< 0.089	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.078	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.081	U	< 0.098	U	< 0.072	U	< 0.074	U	< 0.072	U	< 0.094	U	< 0.089	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.078	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.081	U	< 0.098	U	< 0.072	U	< 0.074	U	< 0.072	U	< 0.094	U	< 0.089	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.078	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.081	U	< 0.098	U	< 0.072	U	< 0.074	U	< 0.072	U	< 0.094	U	< 0.089	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.078	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.081	U	< 0.098	U	< 0.072	U	< 0.074	U	< 0.072	U	< 0.094	U	< 0.089	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.078	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.081	U	< 0.098	U	< 0.072	U	< 0.074	U	< 0.072	U	< 0.094	U	< 0.089	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.078	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.081	U	< 0.098	U	< 0.072	U	< 0.074	U	< 0.072	U	< 0.094	U	< 0.089	U	< 0.077	U	< 0.075	U	< 0.081	U	< 0.078	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location	B302		B302		B303		B303		B303		B304		B304		B305A		B305A		B305A		B306C	
				Depth interval	0 - 0.5 ft		5 - 5.5 ft		0 - 0.5 ft		2.5 - 3 ft		4 - 4.5 ft		0 - 0.5 ft		2 - 2.5 ft		0 - 0.5 ft		1 - 1.5 ft		4 - 4.5 ft		0 - 0.5 ft	
				Sample ID	B302-0		B302-5		B303-0		B303-2		B303-4		B304-0		B304-2		B305A-0		B305A-1		B305A-4		B306C-0	
				Lab ID	664007		664024		664011		664032		664025		664013		664026		664015		664036		664027		664326	
				Date collected	8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/13/2003		8/14/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	6.3		6.3		5.6		5.6		5.6		4.3		4.3		4.8		4.8		4.8		5.1	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.075	U	< 0.078	U	< 0.077	U	< 0.078	U	< 0.081	U	< 0.081	U	< 0.084	U	< 0.077	U	< 0.079	U	< 0.075	U	< 0.04	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.075	U	< 0.078	U	< 0.077	U	< 0.078	U	< 0.081	U	< 0.081	U	< 0.084	U	< 0.077	U	< 0.079	U	< 0.075	U	< 0.04	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.075	U	< 0.078	U	< 0.077	U	< 0.078	U	< 0.081	U	< 0.081	U	< 0.084	U	< 0.077	U	< 0.079	U	< 0.075	U	< 0.04	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.075	U	< 0.078	U	< 0.077	U	< 0.078	U	< 0.081	U	< 0.081	U	< 0.084	U	< 0.077	U	< 0.079	U	< 0.075	U	< 0.04	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.075	U	< 0.078	U	< 0.077	U	< 0.078	U	< 0.081	U	< 0.081	U	< 0.084	U	< 0.077	U	< 0.079	U	< 0.075	U	< 0.04	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.075	U	< 0.078	U	< 0.077	U	< 0.078	U	< 0.081	U	0.17		< 0.084	U	< 0.077	U	< 0.079	U	< 0.075	U	< 0.04	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.075	U	< 0.078	U	< 0.077	U	< 0.078	U	< 0.081	U	< 0.081	U	< 0.084	U	< 0.077	U	< 0.079	U	< 0.075	U	< 0.04	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.075	U	< 0.078	U	< 0.077	U	< 0.078	U	< 0.081	U	0.17		< 0.084	U	< 0.077	U	< 0.079	U	< 0.075	U	< 0.040	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

AECOM

				Location	B306C		B306C		B307D		B307D		B307D		B308E		B309D		B309D		B309D		B310		B310	
				Depth interval	2 - 2.3 ft		5 - 5.5 ft		0 - 0.5 ft		1.5 - 2 ft		2.5 - 3 ft		0 - 0.5 ft		0 - 0.5 ft		2 - 2.5 ft		5 - 5.5 ft		0 - 0.5 ft		2.2 - 2.7 ft	
				Sample ID	B306C2		B306C-5		B307D-0		B307D-1		B307D-2		B308E-0		B309D-0		B309D-2		B309D-5		B310-0		B310-2	
				Lab ID	664328		664329		665086		665087		665088		665148		664336		664340		664341		665075		665077	
				Date collected	8/14/2003		8/14/2003		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/14/2003		8/14/2003		8/14/2003		8/18/2003		8/18/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	5.1		5.1		5.8		5.8		5.8		4.3		5.8		5.8		5.8		5.3		5.3	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.074	U	< 0.04	U	< 0.079	U	< 0.076	U	< 0.081	U	< 0.083	U	< 0.038	U	< 0.079	U	< 0.041	U	< 0.081	U	< 0.081	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.074	U	< 0.04	U	< 0.079	U	< 0.076	U	< 0.081	U	< 0.083	U	< 0.038	U	< 0.079	U	< 0.041	U	< 0.081	U	< 0.081	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.074	U	< 0.04	U	< 0.079	U	< 0.076	U	< 0.081	U	< 0.083	U	< 0.038	U	< 0.079	U	< 0.041	U	< 0.081	U	< 0.081	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.074	U	< 0.04	U	< 0.079	U	< 0.076	U	< 0.081	U	< 0.083	U	< 0.038	U	< 0.079	U	< 0.041	U	< 0.081	U	< 0.081	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.074	U	< 0.04	U	< 0.079	U	< 0.076	U	< 0.081	U	< 0.083	U	< 0.038	U	< 0.079	U	< 0.041	U	< 0.081	U	< 0.081	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.074	U	< 0.04	U	< 0.079	U	< 0.076	U	< 0.081	U	< 0.083	U	< 0.038	U	< 0.079	U	< 0.041	U	< 0.081	U	< 0.081	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.074	U	< 0.04	U	< 0.079	U	< 0.076	U	< 0.081	U	0.16		0.044		< 0.079	U	< 0.041	U	< 0.081	U	< 0.081	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.074	U	< 0.040	U	< 0.079	U	< 0.076	U	< 0.081	U	0.16		0.044		< 0.079	U	< 0.041	U	< 0.081	U	< 0.081	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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				Location	B311		B311		B313C		B313C		B401		B401		B401A		B401A		B401B		B401B		B501	
				Depth interval	1 - 1.5 ft		2.6 - 3.1 ft		0 - 0.5 ft		4.3 - 4.8 ft		0 - 0.5 ft		2 - 2.5 ft		0.5 - 1 ft		2.5 - 3 ft		0 - 0.5 ft		2 - 2.5 ft		0.5 - 1 ft	
				Sample ID	B311-1		B311-2		B313C-0		B313C-4		B401-0		B401-2		B401A-0		B401A-2		B401B-0		B401B-2		B501-0	
				Lab ID	665080		665082		665089		665091		665092		665094		665732		665734		665738		665740		665116	
				Date collected	8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/18/2003		8/20/2003		8/20/2003		8/20/2003		8/20/2003		8/18/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	5.5		5.5		6.2		6.2		6		6		5.6		5.6		5.2		5.2		5.3	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.077	U	< 0.077	U	< 0.079	U	< 0.08	U	< 0.088	U	< 0.085	U	< 0.08	U	< 0.09	U	< 0.08	U	< 0.081	U	< 0.08	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.077	U	< 0.077	U	< 0.079	U	< 0.08	U	< 0.088	U	< 0.085	U	< 0.08	U	< 0.09	U	< 0.08	U	< 0.081	U	< 0.08	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.077	U	< 0.077	U	< 0.079	U	< 0.08	U	< 0.088	U	< 0.085	U	< 0.08	U	< 0.09	U	< 0.08	U	< 0.081	U	< 0.08	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.077	U	< 0.077	U	< 0.079	U	< 0.08	U	< 0.088	U	< 0.085	U	< 0.08	U	< 0.09	U	< 0.08	U	< 0.081	U	< 0.08	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.077	U	< 0.077	U	< 0.079	U	< 0.08	U	< 0.088	U	< 0.085	U	< 0.08	U	< 0.09	U	< 0.08	U	< 0.081	U	< 0.08	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.077	U	< 0.077	U	< 0.079	U	< 0.08	U	< 0.088	U	< 0.085	U	< 0.08	U	< 0.09	U	< 0.08	U	< 0.081	U	< 0.08	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.077	U	< 0.077	U	< 0.079	U	< 0.08	U	< 0.088	U	< 0.085	U	< 0.08	U	< 0.09	U	< 0.08	U	< 0.081	U	0.14	
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.077	U	< 0.077	U	< 0.079	U	< 0.080	U	< 0.088	U	< 0.085	U	< 0.080	U	< 0.090	U	< 0.080	U	< 0.081	U	0.14	

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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				Location	B501		B502		B502		B5S		B6		B601		B601		B7		B701		B701		B802	
				Depth interval	2 - 2.5 ft		0.5 - 1 ft		2.6 - 2.9 ft		2.5 - 3 ft		2.5 - 3 ft		0 - 0.5 ft		2 - 2.5 ft		0.5 - 1 ft		0 - 0.5 ft		2.7 - 3.2 ft		0 - 0.5 ft	
				Sample ID	B501-2		B502-0		B502-2		B5S-2.5		B6S2.5		B601-0		B601-2		B7S-.5a		B701-0		B701-2		B802-0	
				Lab ID	665118		665098		665100		665795		665786		665109		665111		666231		664371		665115		664351	
				Date collected	8/18/2003		8/18/2003		8/18/2003		8/20/2003 3:05:00 PM		8/20/2003 2:00:00 PM		8/18/2003		8/18/2003		8/21/2003 9:27:00 AM		8/14/2003		8/18/2003		8/14/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	5.3		5.4		5.4		6.5		5.6		5.1		5.1		5.7		4.3		4.3		3.7	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.1	U	< 0.088	U	< 0.092	U	< 0.076	U	0.08		< 0.089	U	< 0.082	U	< 0.41	UM	< 0.042	U	< 0.083	U	< 0.042	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.1	U	< 0.088	U	< 0.092	U	< 0.076	U	0.08		< 0.089	U	< 0.082	U	< 0.41	UM	< 0.042	U	< 0.083	U	< 0.042	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.1	U	< 0.088	U	< 0.092	U	< 0.076	U	0.08		< 0.089	U	< 0.082	U	< 0.41	UM	< 0.042	U	< 0.083	U	< 0.042	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.1	U	< 0.088	U	< 0.092	U	< 0.076	U	0.08		< 0.089	U	< 0.082	U	< 0.41	UM	< 0.042	U	< 0.083	U	< 0.042	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.1	U	< 0.088	U	< 0.092	U	< 0.076	U	0.08		< 0.089	U	< 0.082	U	**1.1**		< 0.042	U	< 0.083	U	< 0.042	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.1	U	< 0.088	U	< 0.092	U	< 0.076	U	0.08		< 0.089	U	< 0.082	U	**4.1**		< 0.042	U	< 0.083	U	< 0.042	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.1	U	< 0.088	U	< 0.092	U	< 0.076	U	0.08		< 0.089	U	< 0.082	U	**0.66**		< 0.042	U	< 0.083	U	0.070	
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.10	U	< 0.088	U	< 0.092	U	< 0.076	U	**0.56**		< 0.089	U	< 0.082	U	**5.9**		< 0.042	U	< 0.083	U	0.070	

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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				Location	B802		B803		B901		B901		BC8		C4		C5		C6		C6		C7	
				Depth interval	2.6 - 3.1 ft		0 - 0.5 ft		0 - 0.5 ft		1.9 - 2.4 ft		1.5 - 2 ft		2 - 2.5 ft		2.5 - 3 ft		3 - 3.5 ft		3 - 3.5 ft		0.5 - 1 ft	
				Sample ID	B802-2		B803-0		B901-0		B901-1a		BC8S1		C4S2-2		C5S2.5		C6DS3		C6S-3		C7S-0.5	
				Lab ID	664353		664356		664547		664549		669419		667712		665812		665819		665818		666234	
				Date collected	8/14/2003		8/14/2003		8/15/2003		8/15/2003		9/3/2003 3:10:00 PM		8/27/2003 3:40:00 PM		8/20/2003 10:50:00 AM		8/20/2003 12:35:00 PM		8/20/2003 12:20:00 PM		8/21/2003 10:10:00 AM	
				Sample Type	N		N		N		N		N		N		N		FD		N		N	
				Depth to Groundwater	3.7		4.1		3.9		3.9		6.2		5.6		6.2		5.2		5.2		5.3	
				Excavated																				
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.074	U	< 0.039	U	< 0.079	U	< 0.081	U	< 0.041	U	< 0.055	U	< 0.086	U	< 0.084	U	< 0.088	U	< 0.04	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.074	U	< 0.039	U	< 0.079	U	< 0.081	U	< 0.041	U	< 0.055	U	< 0.086	U	< 0.084	U	< 0.088	U	< 0.04	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.074	U	< 0.039	U	< 0.079	U	< 0.081	U	< 0.041	U	< 0.055	U	< 0.086	U	< 0.084	U	< 0.088	U	< 0.04	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.074	U	< 0.039	U	< 0.079	U	< 0.081	U	< 0.041	U	< 0.055	U	< 0.086	U	< 0.084	U	< 0.088	U	< 0.04	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.074	U	0.095		< 0.079	U	< 0.081	U	< 0.041	U	< 0.055	U	< 0.086	U	< 0.084	U	< 0.088	U	< 0.04	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.074	U	< 0.039	U	< 0.079	U	< 0.081	U	< 0.041	U	< 0.055	U	< 0.086	U	< 0.084	U	< 0.088	U	< 0.04	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.074	U	0.14		< 0.079	U	< 0.081	U	< 0.041	U	< 0.055	U	< 0.086	U	< 0.084	U	< 0.088	U	< 0.04	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																				
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																				
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.074	U	**0.24**		< 0.079	U	< 0.081	U	< 0.041	U	< 0.055	U	< 0.086	U	< 0.084	U	< 0.088	U	< 0.040	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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				Location	C9		CHEM-5		CHEM-5		D10		D10		D4		D5		D6		D7		E10	
				Depth interval	2.5 - 3 ft		1 - 2 ft		5 - 7 ft		1.5 - 2 ft		4 - 5 ft		1.5 - 2 ft		3.5 - 4 ft		1.5 - 2 ft		3 - 3.5 ft		2 - 2.5 ft	
				Sample ID	C9S2.5		CHEM5-1-2		CHEM5-5-7		D10S1.5		D10S4		D4S1.5		D5S3.5-		D6S1.5		D7S3.0		E10S2	
				Lab ID	669415		JA74890-5		JA74890-6		666267		689444		667690		665807		669392		666241		666264	
				Date collected	9/3/2003 1:25:00 PM		5/3/2011 10:05:00 AM		5/3/2011 10:25:00 AM		8/21/2003 4:43:00 PM		11/17/2003 1:47:00 PM		8/27/2003 11:25:00 AM		8/20/2003 9:20:00 AM		9/3/2003 11:40:00 AM		8/21/2003 2:10:00 PM		8/21/2003 4:05:00 PM	
				Sample Type	N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	5.8		5.9		5.9		4.5		4.5		3.8		4		3.3		4.4		4.9	
				Excavated																	Yes			
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.04	U	< 0.014	U	< 0.014	U	< 0.042	U	< 0.04	U	< 0.048	U	< 0.10	U	< 0.065	U	< 0.039	U	< 0.046	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.04	U	< 0.026	U	< 0.026	U	< 0.042	U	< 0.04	U	< 0.048	U	< 0.10	U	< 0.065	U	< 0.039	U	< 0.046	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.04	U	< 0.012	U	< 0.013	U	< 0.042	U	< 0.04	U	< 0.048	U	< 0.10	U	< 0.065	U	< 0.039	U	< 0.046	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.04	U	< 0.014	U	< 0.014	U	< 0.042	U	< 0.04	U	< 0.048	U	< 0.10	U	< 0.065	U	< 0.039	U	< 0.046	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.04	U	< 0.0077	U	< 0.0079	U	< 0.042	U	< 0.04	U	< 0.048	U	< 0.10	U	< 0.065	U	< 0.039	U	< 0.046	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.04	U	< 0.0098	U	< 0.01	U	< 0.042	U	< 0.04	U	< 0.048	U	< 0.10	U	< 0.065	U	< 0.039	U	< 0.046	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.04	U	< 0.015	U	< 0.015	U	< 0.042	U	< 0.04	U	< 0.048	U	< 0.10	U	< 0.065	U	< 0.039	U	< 0.046	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg			< 0.0078	U	< 0.0080	U														
SW8082	PCB 1268	11100-14-4	0.2	mg/kg			< 0.0088	U	< 0.0090	U														
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.040	U	< 0.026	U	< 0.026	U	< 0.042	U	< 0.040	U	< 0.048	U	< 0.10	U	< 0.065	U	< 0.039	U	< 0.046	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
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				Location	E7		EF-05		EF-39		EF-44		EF-45		EF-46		F01		F01		F05		G3		G4	
				Depth interval	2 - 2.5 ft		2.5 - 3 ft		2.5 - 3 ft		1.5 - 2 ft		1.5 - 2 ft		2.5 - 3 ft		1 - 1.5 ft		3 - 3.5 ft		1 - 1.5 ft		0 - 0.5 ft		0 - 0.5 ft	
				Sample ID	E7S2-		EF-B05-2.5		EF-B39-2.5		EF-B44-1.5		EF-B45-1.5		EF-B46-2.5		F01-1.0		F01S3		F05-1.0		G-3-0-0		G4-0-0	
				Lab ID	669386		460-25190-11		460-25760-7		460-26009-3		460-25955-13		460-27297-18		662007		662008		662172		663217		665401	
				Date collected	9/3/2003 8:10:00 AM		4/11/2011 2:40:00 PM		4/25/2011 10:20:00 AM		5/2/2011 10:15:00 AM		4/29/2011 2:35:00 PM		6/6/2011 12:10:00 PM		8/5/2003		8/5/2003		8/6/2003		8/11/2003		8/19/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	5.7		4.2		5.5		4.7		5.4		4.2		5.4		5.4		3.5		4.5		4.6	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.062	U	< 0.015	U	< 0.015	U	< 0.018	U	< 0.016	U	< 0.02	U	< 0.047	U	< 0.045	U	< 0.039	U	< 0.042	U	< 0.086	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.062	U	< 0.023	U	< 0.023	U	< 0.029	U	< 0.024	U	< 0.031	U	< 0.047	U	< 0.045	U	< 0.039	U	< 0.042	U	< 0.086	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.062	U	< 0.044	U	< 0.044	U	< 0.054	U	< 0.046	U	< 0.059	U	< 0.047	U	< 0.045	U	< 0.039	U	< 0.042	U	< 0.086	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.062	U	< 0.015	U	< 0.015	U	< 0.018	U	< 0.015	U	< 0.02	U	< 0.047	U	< 0.045	U	< 0.039	U	< 0.042	U	< 0.086	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.062	U	< 0.021	U	< 0.02	U	< 0.025	U	< 0.022	U	< 0.028	U	< 0.047	U	< 0.045	U	< 0.039	U	< 0.042	U	< 0.086	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.062	U	< 0.026	U	< 0.026	U	< 0.033	U	< 0.028	U	< 0.036	U	< 0.047	U	< 0.045	U	< 0.039	U	< 0.042	U	< 0.086	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.062	U	< 0.0086	U	< 0.0086	U	< 0.011	U	0.016	J	< 0.012	U	< 0.047	U	< 0.045	U	< 0.039	U	< 0.042	U	< 0.086	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg			**0.48**		< 0.013	U	< 0.016	U	< 0.014	U	< 0.018	U										
SW8082	PCB 1268	11100-14-4	0.2	mg/kg			< 0.013	U	< 0.013	U	< 0.016	U	< 0.014	U	< 0.018	U										
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.062	U	**0.48**		< 0.044	U	< 0.054	U	0.016		< 0.059	U	< 0.047	U	< 0.045	U	< 0.039	U	< 0.042	U	< 0.086	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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				Location	G4		G4A		G9		MW1A		MW2A		MW3B		MW3B		MW4A		MW4D		MW4D	
				Depth interval	2.5 - 3 ft		0 - 0.5 ft		3.5 - 4 ft		2 - 4 ft		1 - 3 ft		0 - 0.5 ft		2.6 - 3.1 ft		2 - 4 ft		0 - 0.5 ft		1.5 - 2 ft	
				Sample ID	G4-2.5		G4A-0-0		G9S3.5		MW1A2		MW2A1-		MW3B0		MW3B2.6		MW4A2		MW4D0		MW4D1.	
				Lab ID	665403		665745		668382		689705		689073		664542		664544		689703		665390		665396	
				Date collected	8/19/2003		8/20/2003		8/29/2003 2:25:00 PM		11/18/2003 2:50:00 PM		11/14/2003 2:15:00 PM		8/15/2003		8/15/2003		11/18/2003 8:58:00 AM		8/19/2003		8/19/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	4.6		4.9		5.5		5.3		6.3		4.4		4.4		5.2		7		7	
				Excavated																				
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.09	U	< 0.093	U	< 0.043	U	< 0.041	U	< 0.041	U	< 0.079	U	< 0.76	UM	< 0.039	U	< 0.081	U	< 0.077	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.09	U	< 0.093	U	< 0.043	U	< 0.041	U	< 0.041	U	< 0.079	U	< 0.76	UM	< 0.039	U	< 0.081	U	< 0.077	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.09	U	< 0.093	U	< 0.043	U	< 0.041	U	< 0.041	U	< 0.079	U	< 0.76	UM	< 0.039	U	< 0.081	U	< 0.077	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.09	U	< 0.093	U	< 0.043	U	< 0.041	U	< 0.041	U	< 0.079	U	< 0.76	UM	< 0.039	U	< 0.081	U	< 0.077	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.09	U	< 0.093	U	< 0.043	U	< 0.041	U	< 0.041	U	< 0.079	U	< 0.76	UM	< 0.039	U	< 0.081	U	< 0.077	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.09	U	< 0.093	U	< 0.043	U	0.098		< 0.041	U	< 0.079	U	< 0.76	UM	< 0.039	U	< 0.081	U	< 0.077	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.09	U	< 0.093	U	< 0.043	U	< 0.041	U	< 0.041	U	< 0.079	U	< 0.76	UM	< 0.039	U	< 0.081	U	< 0.077	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																				
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																				
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.090	U	< 0.093	U	< 0.043	U	0.098		< 0.041	U	< 0.079	U	< 0.76	UM	< 0.039	U	< 0.081	U	< 0.077	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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				Location	MW5A		MW5D		MW5D		MW6A		MW6D		MW6D		MW6D		MW6D		MW7A		MW8A		TT108	
				Depth interval	0 - 2 ft		0 - 2 ft		2 - 2.5 ft		1 - 3 ft		0 - 0.5 ft		2 - 2.5 ft		6 - 6.5 ft		6 - 6.5 ft		0 - 2 ft		0 - 2 ft		4 - 4.5 ft	
				Sample ID	MW5A0-		MW5D-0		MW5D-2		MW6A1-		MW6D-0		MW6D-2.		MW6D-6.		MW6DD-6		MW7A0-2		MW8A0		TT-108	
				Lab ID	688687		663687		663689		688684		664005		664023		664028		664029		688685		689071		662002	
				Date collected	11/13/2003 1:55:00 PM		8/12/2003		8/12/2003		11/12/2003 9:40:00 AM		8/13/2003		8/13/2003		8/13/2003		8/13/2003		11/12/2003 3:55:00 PM		11/14/2003 12:40:00 PM		8/5/2003	
				Sample Type	N		N		N		N		N		N		N		FD		N		N		N	
				Depth to Groundwater	4.9		4.3		4.3		5.3		7		7		7		7		3.5		5.7		4.3	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.045	U	< 0.086	U	< 0.091	U	< 0.056	U	< 0.84	UM	< 0.085	U	< 0.081	U	< 0.081	U	< 0.048	U	< 0.047	U	< 0.047	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.045	U	< 0.086	U	< 0.091	U	< 0.056	U	< 0.84	UM	< 0.085	U	< 0.081	U	< 0.081	U	< 0.048	U	< 0.047	U	< 0.047	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.045	U	< 0.086	U	< 0.091	U	< 0.056	U	< 0.84	UM	< 0.085	U	< 0.081	U	< 0.081	U	< 0.048	U	< 0.047	U	< 0.047	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.045	U	< 0.086	U	< 0.091	U	< 0.056	U	< 0.84	UM	< 0.085	U	< 0.081	U	< 0.081	U	< 0.048	U	< 0.047	U	< 0.047	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.045	U	< 0.086	U	< 0.091	U	< 0.056	U	< 0.84	UM	< 0.085	U	< 0.081	U	< 0.081	U	< 0.048	U	< 0.047	U	< 0.047	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.045	U	< 0.086	U	< 0.091	U	< 0.056	U	< 0.84	UM	< 0.085	U	< 0.081	U	< 0.081	U	< 0.048	U	< 0.047	U	< 0.047	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.045	U	< 0.086	U	< 0.091	U	< 0.056	U	< 0.84	UM	< 0.085	U	< 0.081	U	< 0.081	U	< 0.048	U	< 0.047	U	< 0.047	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.045	U	< 0.086	U	< 0.091	U	< 0.056	U	< 0.84	UM	< 0.085	U	< 0.081	U	< 0.081	U	< 0.048	U	< 0.047	U	< 0.047	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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				Location	TT109		TT109		TT110		TT110		TT112		TT114		TT114		TT1305		TT1308		TT315		TT315	
				Depth interval	1 - 1.5 ft		4 - 4.5 ft		0 - 0.5 ft		4 - 4.5 ft		6 - 6.5 ft		0 - 0.5 ft		3 - 3.5 ft		1.5 - 2 ft		0 - 0.5 ft		1 - 1.5 ft		3 - 3.5 ft	
				Sample ID	TT-109		TT-109		TT110-0		TT110-4		TT112-6		TT114-0		TT114-3		TT1305		TT1308-		TT315-1		TT315-3	
				Lab ID	662004		662003		662010		662009		662167		662013		662012		662644		662666		662169		662168	
				Date collected	8/5/2003		8/5/2003		8/5/2003		8/5/2003		8/6/2003		8/5/2003		8/5/2003		8/7/2003		8/7/2003		8/6/2003		8/6/2003	
				Sample Type	N		N		N		N		N		N		N		N		N		N		N	
				Depth to Groundwater	4.3		4.3		4.7		4.7		6.6		6.5		6.5		4.4		4.3		6.7		6.7	
				Excavated																						
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.049	U	< 0.046	U	< 0.044	U	< 0.05	U	< 0.074	U	< 0.04	U	< 0.041	U	< 0.041	U	< 0.045	U	< 0.045	U	< 0.042	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.049	U	< 0.046	U	< 0.044	U	< 0.05	U	< 0.074	U	< 0.04	U	< 0.041	U	< 0.041	U	< 0.045	U	< 0.045	U	< 0.042	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.049	U	< 0.046	U	< 0.044	U	< 0.05	U	< 0.074	U	< 0.04	U	< 0.041	U	< 0.041	U	< 0.045	U	< 0.045	U	< 0.042	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.049	U	< 0.046	U	< 0.044	U	< 0.05	U	< 0.074	U	< 0.04	U	< 0.041	U	< 0.041	U	< 0.045	U	< 0.045	U	< 0.042	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.049	U	< 0.046	U	< 0.044	U	< 0.05	U	< 0.074	U	< 0.04	U	< 0.041	U	< 0.041	U	< 0.045	U	< 0.045	U	< 0.042	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.049	U	< 0.046	U	< 0.044	U	< 0.05	U	< 0.074	U	< 0.04	U	< 0.041	U	< 0.041	U	**0.29**		< 0.045	U	< 0.042	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.049	U	< 0.046	U	< 0.044	U	< 0.05	U	< 0.074	U	< 0.04	U	< 0.041	U	< 0.041	U	< 0.045	U	< 0.045	U	< 0.042	U
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg																						
SW8082	PCB 1268	11100-14-4	0.2	mg/kg																						
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.049	U	< 0.046	U	< 0.044	U	< 0.050	U	< 0.074	U	< 0.040	U	< 0.041	U	< 0.041	U	**0.29**		< 0.045	U	< 0.042	U

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

				Location	TT316		TT317		TT319		TT703	
				Depth interval	4 - 4.5 ft		2 - 2.5 ft		0 - 0.5 ft		0 - 0.5 ft	
				Sample ID	TT316-4		TT317-2		TT319-0		TT703-0	
				Lab ID	662171		662170		662635		662658	
				Date collected	8/6/2003		8/6/2003		8/7/2003		8/7/2003	
				Sample Type	N		N		N		N	
				Depth to Groundwater	5.6		5.2		4		4.5	
				Excavated								
Method	Analyte	CAS-RN	DIGWSSL	Units	R	Q	R	Q	R	Q	R	Q
SW8082	PCB 1016	12674-11-2	**0.2**	mg/kg	< 0.049	U	< 0.043	U	< 0.045	U	< 0.041	U
SW8082	PCB 1221	11104-28-2	**0.2**	mg/kg	< 0.049	U	< 0.043	U	< 0.045	U	< 0.041	U
SW8082	PCB 1232	11141-16-5	**0.2**	mg/kg	< 0.049	U	< 0.043	U	< 0.045	U	< 0.041	U
SW8082	PCB 1242	53469-21-9	**0.2**	mg/kg	< 0.049	U	< 0.043	U	< 0.045	U	< 0.041	U
SW8082	PCB 1248	12672-29-6	**0.2**	mg/kg	< 0.049	U	< 0.043	U	**0.65**		< 0.041	U
SW8082	PCB 1254	11097-69-1	**0.2**	mg/kg	< 0.049	U	< 0.043	U	**0.39**		< 0.041	U
SW8082	PCB 1260	11096-82-5	**0.2**	mg/kg	< 0.049	U	< 0.043	U	**0.22**		0.086	
SW8082	PCB 1262	37324-23-5	**0.2**	mg/kg								
SW8082	PCB 1268	11100-14-4	0.2	mg/kg								
SW8082	Total PCB (AROCLORS)	TOT-PCB-ARO	**0.2**	mg/kg	< 0.049	U	< 0.043	U	**1.3**		0.086	

Appendix I2 Table I2-4
Soil Analytical Results - PCBs
Compared to NJDEP Default Impact ot Groundwater Soil Screening Levels
PPG Industries, Jersey City, New Jersey
Remedial Investigation Report - Soil

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Notes:

All results are reported in milligrams per kilogram (mg/kg).

Depths are presented in feet below ground surface (bgs).

CAS-RN = Chemical Abstract Service Registry Number.

Sample Type = N indicates normal original sample; FD indicates duplicate sample.

Depth to groundwater based on 2011 groundwater gauging and soil boing logs used to determine the unsaturated zone.

Excavated indicates that the sample has been removed as part of remedial efforts.

Results = R indicates results; Q indicates qualifier

DIGWSSL = NJDEP Default Impact to Groundwater Soil Screening Level.

Bold values indicate a detected result that exceeds the DIGWSSL.

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

M - Indicates a non-detect result exceeding the most stringent of the NJDEP Residential or Nonresidential Soil Remediation Standards. Qualifiers were not provided where non-detect data exceeded the DIGWSSL.

U - Indicates the analyte was not detected in the sample above the sample reporting limit.

UJ - Indicates the analyte was not detected above the reporting limit and the reporitng limit was approximate.

Total PCBs is the sum of detected results.

A blank result value indicates the analysis was not requested.