Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
10W-J33A	3.0 - 3.5 ft	10W-J33A-3.0-3.5	JB67595-3A	5/22/2014	N			3.2		76.0		32.9		< 0.48	U	34.9	
10W-J33A	5.0 - 5.5 ft	10W-J33A-5.0-5.5	JB67595-4A	5/22/2014	N			1.9	J	429		34.6		< 0.41	U	68.0	
10W-J33A	7.0 - 7.5 ft	10W-J33A-7.0-7.5	JB67595-5A	5/22/2014	N			11.2		241		24.3		< 0.41	U	240	
10W-J33A	9.0 - 9.5 ft	10W-J33A-9.0-9.5	JB67595-6A	5/22/2014	N			7.4	J	32.6	J	19.3	J	1.2	J	38.3	J
10W-J33A	11.0 - 11.5 ft	10W-J33A-11.0-11.5	JB67595-7A	5/22/2014	N			2.5		54.9		19.1		< 0.41	U	25.9	
10W-J33A	15.0 - 15.5 ft	10W-J33A-17.0-17.5	JB67595-10A	5/22/2014	N			< 0.27	U	183		33.6		< 0.41	U	41.1	
10W-J33A	18.5 - 19.0 ft	10W-J33A-18.5-19.0	JB67595-11A	5/22/2014	N			< 0.27	U	41.8		28.6		< 0.40	U	43.5	
10W-J33A	19.0 - 19.5 ft	10W-J33A-19.0-19.5	JB67595-13A	5/22/2014	N			< 0.27	UJ	16.2	J	14.3	J	< 0.42	UJ	24.8	J
10W-J35A	1.0 - 1.5 ft	10W-J35A-1.0-1.5	JB67595-14T	5/22/2014	N	4.3	J										
10W-J35A	3.0 - 3.5 ft	10W-J35A-3.0-3.5	JB67595-15	5/22/2014	N	0.46	J										
10W-J35A	3.0 - 3.5 ft	10W-J35A-3.0-3.5	JB67595-15A	5/22/2014	N			2.6		103		32.6		< 0.41	U	28.1	
10W-J35A	5.0 - 5.5 ft	10W-J35A-5.0-5.5	JB67595-16	5/22/2014	N	0.36	J										
10W-J35A	5.0 - 5.5 ft	10W-J35A-5.0-5.5	JB67595-16A	5/22/2014	N			13.3	J	641		36.0		1.2	J	20.8	
10W-J35A	5.0 - 5.5 ft	10W-J35A-5.0-5.5X	JB67595-19	5/22/2014	FD	0.54	J										
10W-J35A	5.0 - 5.5 ft	10W-J35A-5.0-5.5X	JB67595-19A	5/22/2014	FD			8.2	J	590		50.6		< 1.3	U	23.6	
10W-J35A	7.0 - 7.5 ft	10W-J35A-7.0-7.5	JB67595-17A	5/22/2014	N			0.62	J	230		21.6		< 0.40	U	28.5	
10W-J35A	7.0 - 7.5 ft	10W-J35A-7.0-7.5	JB67595-17T	5/22/2014	N	5.8	J										
10W-J35A	9.0 - 9.5 ft	10W-J35A-9.0-9.5	JB67595-18	5/22/2014	N	0.36	J										
10W-J35A	9.0 - 9.5 ft	10W-J35A-9.0-9.5	JB67595-18A	5/22/2014	N			3.4	J	51.0	J	27.9	J	< 0.41	U	40.6	J
10W-J35A	11.0 - 11.5 ft	10W-J35A-11.0-11.5	JB67595-20	5/22/2014	N	0.64	J										
10W-J35A	11.0 - 11.5 ft	10W-J35A-11.0-11.5	JB67595-20A	5/22/2014	N			2.1		91.2		26.3		< 0.42	U	24.4	
10W-J35A	13.0 - 13.5 ft	10W-J35A-13.0-13.5	JB67595-21	5/22/2014	N	0.84	J										
10W-J35A	15.0 - 15.5 ft	10W-J35A-15.0-15.5	JB67595-22	5/22/2014	N	0.24	J										
10W-J35A	17.0 - 17.5 ft	10W-J35A-17.0-17.5	JB67595-23	5/22/2014	N	< 0.24	UJ										
10W-J35A	18.5 - 19.0 ft	10W-J35A-18.5-19.0	JB67595-24	5/22/2014	N	0.60	J										
10W-J35A	18.5 - 19.0 ft	10W-J35A-18.5-19.0	JB67595-24A	5/22/2014	N			< 0.27	UJ	21.4		17.8		< 0.41	U	32.5	
10W-J35A	19.0 - 19.5 ft	10W-J35A-19.0-19.5	JB67595-25	5/22/2014	N	0.32	J										
10W-J35A	19.0 - 19.5 ft	10W-J35A-19.0-19.5	JB67595-25A	5/22/2014	N			< 0.27	U	19.5		14.1		< 0.41	U	27.5	
10W-J38A	0.6 - 1.1 ft	10W-J38A-0.6-1.1	JB67196-2	5/16/2014	N	1.1	J										
10W-J38A	2.5 - 3.0 ft	10W-J38A-2.5-3.0	JB67196-3R	5/16/2014	N	1.7	J										
10W-J38A	4.5 - 5.0 ft	10W-J38A-4.5-5.0	JB67196-4R	5/16/2014	N	0.58	J										
10W-J38A	6.5 - 7.0 ft	10W-J38A-6.5-7.0	JB67196-5	5/16/2014	N	1.1	J										
10W-J38A	6.5 - 7.0 ft	10W-J38A-6.5-7.0X	JB67196-10	5/16/2014	FD	0.35	J										
10W-J38A	7.5 - 8.0 ft	10W-J38A-7.5-8.0	JB67196-6	5/16/2014	N	0.71	J										
10W-J38A	8.5 - 9.0 ft	10W-J38A-8.5-9.0	JB67196-7	5/16/2014	N	< 0.24	UJ										
10W-J38A	10.5 - 11.0 ft	10W-J38A-10.5-11.0	JB67196-8	5/16/2014	N	0.24	J										
10W-J38A	12.5 - 13.0 ft	10W-J38A-12.5-13.0	JB67196-9R	5/16/2014	N	0.55	J										
10W-J38A	14.5 - 15.0 ft	10W-J38A-14.5-15.0	JB67196-11	5/16/2014	N	1.2	J										
10W-J38A	16.5 - 17.0 ft	10W-J38A-16.5-17.0	JB67196-12	5/16/2014	N	0.53	J										
10W-J38A	17.0 - 17.5 ft	10W-J38A-17.0-17.5	JB67196-13	5/16/2014	N	0.62	J										
10W-L35A	4.5 - 5.0 ft	10W-L35A-4.5-5.0	JB67379-3A	5/20/2014	N			< 1.7	U	3950		672		< 2.7	U	**771**	
10W-L35A	5.5 - 6.0 ft	10W-L35A-5.5-6.0	JB67379-4A	5/20/2014	N			2.5		651		18.0		< 0.41	U	19.6	
10W-L35A	6.5 - 7.0 ft	10W-L35A-6.5-7.0	JB67379-5A	5/20/2014	N			6.1		167		16.2		< 0.41	U	15.5	
10W-L35A	12.5 - 13.0 ft	10W-L35A-12.5-13.0	JB67379-8A	5/20/2014	N			< 2.7	U	28800		589		8.8	J	319	

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AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
10W-L35A	14.5 - 15.0 ft	10W-L35A-14.5-15.0	JB67379-9A	5/20/2014	N			1.5	J	18800		393		< 2.1	U	273	
10W-L37A	0.5 - 1.0 ft	10W-L37A-0.5-1.0	JB67495-16	5/21/2014	N	3.6	RA										
10W-L37A	2.5 - 3.0 ft	10W-L37A-2.5-3.0	JB67495-17	5/21/2014	N	0.55	RA										
10W-L37A	4.5 - 5.0 ft	10W-L37A-4.5-5.0	JB67495-18R	5/21/2014	N	0.25	RA										
10W-L37A	5.0 - 5.5 ft	10W-L37A-5.0-5.5	JB67495-19	5/21/2014	N	0.63	RA										
10W-L37A	6.5 - 7.0 ft	10W-L37A-6.5-7.0	JB67495-20	5/21/2014	N	0.96	RA										
10W-L37A	8.5 - 9.0 ft	10W-L37A-8.5-9.0	JB67495-21R	5/21/2014	N	0.70	RA										
10W-L37A	10.5 - 11.0 ft	10W-L37A-10.5-11.0	JB67495-22	5/21/2014	N	5.0	RA										
10W-L37A	12.5 - 13.0 ft	10W-L37A-12.5-13.0	JB67495-23	5/21/2014	N	0.39	RA										
10W-L37A	14.5 - 15.0 ft	10W-L37A-14.5-15.0	JB67495-24	5/21/2014	N	< 0.23	RA										
10W-L37A	16.5 - 17.0 ft	10W-L37A-16.5-17.0	JB67495-25	5/21/2014	N	0.40	RA										
10W-L37A	18.5 - 19.0 ft	10W-L37A-18.5-19.0	JB67495-26R	5/21/2014	N	0.41	RA										
10W-L37A	20.0 - 20.5 ft	10W-L37A-20.0-20.5	JB67495-27R	5/21/2014	N	1.3	RA										
10W-L37A	20.5 - 21.0 ft	10W-L37A-20.5-21.0	JB67495-28	5/21/2014	N	11.3	RA										
10W-L39A	0.5 - 1.0 ft	10W-L39A-0.5-1.0	JB67304-9R	5/19/2014	N	0.28	J										
10W-L39A	2.5 - 3.0 ft	10W-L39A-2.5-3.0	JB67304-10	5/19/2014	N	0.25	J										
10W-L39A	4.5 - 5.0 ft	10W-L39A-4.5-5.0	JB67304-11A	5/19/2014	N			2.4		66.5		22.6		< 0.49	U	23.0	
10W-L39A	4.5 - 5.0 ft	10W-L39A-4.5-5.0	JB67304-11T	5/19/2014	N	0.20	J										
10W-L39A	6.0 - 6.5 ft	10W-L39A-6.0-6.5	JB67304-12A	5/19/2014	N			1.7	J	22.1		13.8		< 0.52	U	21.0	
10W-L39A	6.0 - 6.5 ft	10W-L39A-6.0-6.5	JB67304-12T	5/19/2014	N	0.21	J										
10W-L39A	6.5 - 7.0 ft	10W-L39A-6.5-7.0	JB67304-13A	5/19/2014	N			1.0	J	24.0		18.1		< 0.54	U	30.8	
10W-L39A	6.5 - 7.0 ft	10W-L39A-6.5-7.0	JB67304-13T	5/19/2014	N	0.23	J										
10W-L39A	8.5 - 9.0 ft	10W-L39A-8.5-9.0	JB67304-14	5/19/2014	N	< 0.23	UJ										
10W-L39A	10.5 - 11.0 ft	10W-L39A-10.5-11.0	JB67304-15T	5/19/2014	N	0.25	J										
10W-L39A	12.5 - 13.0 ft	10W-L39A-12.5-13.0	JB67304-16	5/19/2014	N	< 0.23	UJ										
10W-L39A	12.5 - 13.0 ft	10W-L39A-12.5-13.0	JB67304-16A	5/19/2014	N			3.9		31.9		20.4		0.98	J	20.7	
10W-L39A	14.5 - 15.0 ft	10W-L39A-14.5-15.0	JB67304-17	5/19/2014	N	< 0.22	UJ										
10W-L39A	16.5 - 17.0 ft	10W-L39A-16.5-17.0	JB67304-18	5/19/2014	N	< 0.25	UJ										
10W-L39A	18.5 - 19.0 ft	10W-L39A-18.5-19.0	JB67304-19A	5/19/2014	N			17.0		36.1		34.4		< 1.1	U	20.1	
10W-L39A	18.5 - 19.0 ft	10W-L39A-18.5-19.0	JB67304-19T	5/19/2014	N	0.22	J										
10W-L39A	20.5 - 21.0 ft	10W-L39A-20.5-21.0	JB67304-20A	5/19/2014	N			4.8		2330		35.6		0.96	J	29.1	
10W-L39A	20.5 - 21.0 ft	10W-L39A-20.5-21.0	JB67304-20T	5/19/2014	N	0.27	J										
10W-L39A	22.0 - 22.5 ft	10W-L39A-22.0-22.5	JB67304-21A	5/19/2014	N			2.5	J	899		25.8		0.89	J	27.1	
10W-L39A	22.0 - 22.5 ft	10W-L39A-22.0-22.5	JB67304-21T	5/19/2014	N	0.25	J										
10W-L39A	22.5 - 23.0 ft	10W-L39A-22.5-23.0	JB67304-22A	5/19/2014	N			1.0	J	249	J	18.5	J	< 6.5	UJ	30.5	J
10W-L39A	22.5 - 23.0 ft	10W-L39A-22.5-23.0	JB67304-22T	5/19/2014	N	3.2	J										
10W-L41A	5.0 - 5.5 ft	10W-L41A-5.0-5.5	JB67379-16A	5/20/2014	N			4.6		73.3		19.9		< 0.41	U	23.5	
10W-L41A	6.5 - 7.0 ft	10W-L41A-6.5-7.0	JB67379-17A	5/20/2014	N			3.3		43.2		20.5		< 0.41	U	24.7	
10W-L41A	7.0 - 7.5 ft	10W-L41A-7.0-7.5	JB67379-18A	5/20/2014	N			5.0		32.5		27.3		0.46	J	20.7	
10W-L41A	11.0 - 11.5 ft	10W-L41A-11.0-11.5	JB67379-20A	5/20/2014	N			1.1	J	31.8		16.2		< 0.49	U	23.4	
10W-L41A	15.0 - 15.5 ft	10W-L41A-15.0-15.5	JB67379-22A	5/20/2014	N			2.6		33.5		30.8		< 0.41	U	22.0	
10W-L41A	19.0 - 19.5 ft	10W-L41A-19.0-19.5	JB67379-24A	5/20/2014	N			0.60	J	30.8		108	J	< 0.41	U	28.3	
10W-L41A	19.0 - 19.5 ft	10W-L41A-19.0-19.5X	JB67379-25A	5/20/2014	FD			2.4	J	42.4		26.6	J	< 0.41	U	25.5	
10W-L41A	21.0 - 21.5 ft	10W-L41A-21.0-21.5	JB67379-26A	5/20/2014	N			< 0.27	U	1500		36.0		< 0.41	U	39.4	

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						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
10W-L41A	21.5 - 22.0 ft	10W-L41A-21.5-22.0	JB67379-27A	5/20/2014	N			0.27	J	18.2	J	8.2	J	< 0.41	UJ	12.6	J
114-MW20A	0.5 - 1.0 ft	PPG-114-20AA(0.5-1.0)20060724	J36493-3	7/24/2006	N			< 2.2	UJ	276	J	28.2		< 1.1	U	71.6	
114-MW20A	4.5 - 5.0 ft	PPG-114-20AB(4.5-5.0)20060724	J36493-4	7/24/2006	N			8.7	J	19.8	J	18.7		< 1.5	U	27.8	
114-MW20B	8.5 - 9.0 ft	PPG-114-20BC(8.5-9.0)J43280-1	J43280-1	10/9/2006	N			< 2.6	UJ	60.5		12.6		< 1.3	U	13.6	
114-MW20B	8.5 - 9.0 ft	PPG-114-20BC(8.5-9.0)J43280-1R	J43280-1R	10/9/2006	N	< 1.4	UJ										
114-MW20B	8.5 - 9.0 ft	PPG-114-20BCD(8.5-9.0)J43280-2	J43280-2	10/9/2006	FD			< 2.6	UJ	67.8		12.9		< 1.3	U	15.7	
114-MW20B	8.5 - 9.0 ft	PPG-114-20BCD(8.5-9.0)J43280-2R	J43280-2R	10/9/2006	FD	< 1.3	UJ										
114-MW20B	11.5 - 12.0 ft	PPG-114-20BD(11.5-12.0)J43280-3	J43280-3	10/9/2006	N			< 2.3	UJ	103		11.9		< 1.2	U	12.7	
114-MW20B	11.5 - 12.0 ft	PPG-114-20BD(11.5-12.0)J43280-3R	J43280-3R	10/9/2006	N	< 1.2	UJ										
114-MW20B	16.0 - 17.0 ft	PPG-114-20BE(16.0-17.0)J43280-4	J43280-4	10/9/2006	N			< 2.4	UJ	23.1		8.0		< 1.2	U	20.5	
114-MW20B	16.0 - 17.0 ft	PPG-114-20BE(16.0-17.0)J43280-4R	J43280-4R	10/9/2006	N	< 1.2	UJ										
114-MW20B	28.0 - 29.0 ft	114-MW21BI(28-29)J43122-2R	J43122-2R	10/6/2006	N	***167***		< 2.4	UJ	220		< 4.9	U	< 1.2	U	< 6.1	U
114-MW20B	28.0 - 29.0 ft	114-MW21BID(28-29)J43122-3R	J43122-3R	10/6/2006	FD	***215***		< 2.5	UJ	234		< 5.0	U	< 1.2	U	< 6.2	U
114-MW21B	0.6 - 1.0 ft	114-21BA (0.6-1.0)20060711	J35320-5	7/11/2006	N	***39.7***	***J***										
114-MW21B	0.6 - 1.0 ft	114-21BA (0.6-1.0)20060711	J35320-5A	7/11/2006	N			6.6	J	2380		93.3	J	< 1.3	UJ	165	
114-MW21B	2.7 - 3.1 ft	114-21BB (2.7-3.1)20060711	J35320-6	7/11/2006	N	12.0	J										
114-MW21B	2.7 - 3.1 ft	114-21BB (2.7-3.1)20060711	J35320-6A	7/11/2006	N			< 2.6	UJ	1110		104	J	< 1.3	UJ	309	
114-MW21B	5.0 - 6.0 ft	114-MW21BC(5-6)20061005	J43005-1	10/5/2006	N	***850***	***J***	7.8	J	7630		357		< 2.6	UJ	236	J
114-MW21B	7.0 - 7.5 ft	114-MW21BD(7-7.5)20061005	J43005-2	10/5/2006	N	***15200***	***J***	< 19	UJ	28100		688		< 9.5	UJ	**458**	**J**
114-MW21B	7.0 - 7.5 ft	114-MW21BDD(7-7.5)20061005	J43005-3	10/5/2006	FD	***16100***	***J***	< 19	UJ	26700		668		< 9.4	UJ	**452**	**J**
114-MW21B	11.0 - 11.5 ft	114-MW21BE(11-11.5)20061005	J43005-4	10/5/2006	N	***13600***	***J***	**< 33**	**UJ**	30200		498		< 16	UJ	325	J
114-MW21B	15.0 - 15.5 ft	114-MW21BF(15-15.5)20061005	J43005-5	10/5/2006	N	***28900***	***J***	**< 32**	**UJ**	43400		629		< 16	UJ	**423**	**J**
114-MW21B	18.3 - 18.8 ft	114-MW21BG(18.3-18.8)20061005	J43005-6	10/5/2006	N	***661***	***J***	< 3.5	UJ	3420		15.3		< 1.7	UJ	39.2	J
114-MW21B	22.0 - 23.0 ft	114-MW21BH(22-23)J43122-1R	J43122-1R	10/6/2006	N	***883***		3.3	J	4340		10.0		< 1.2	U	17.8	
114-MW24A	0.0 - 0.5 ft	MW24A-0.0	460-34099-1	11/29/2011	N	0.98	J			131							
114-MW24A	2.0 - 2.5 ft	MW24A-2.0	460-34099-2	11/29/2011	N	11.7	J			1710							
114-MW24A	5.0 - 5.5 ft	MW24A-5.0	460-34209-12	12/1/2011	N	< 0.90	U			879							
114-MW24A	10.0 - 10.5 ft	MW24A-10.0	460-34209-10	12/1/2011	N	***20.2***				4520							
114-MW24A	14.0 - 14.5 ft	MW24A-14.0	460-34209-11	12/1/2011	N	< 1.1	U			35.2							
114-MW25A	1.0 - 1.5 ft	MW25A-1.0	460-34209-3	12/1/2011	N	4.5				12.3							
114-MW25A	3.0 - 3.5 ft	MW25A-3.0	460-34209-4	12/1/2011	N	< 0.89	U			15.1							
114-MW25A	4.5 - 5.0 ft	MW25A-4.5	460-34209-13	12/1/2011	N	< 1.0	U			45.5							
114-MW25A	6.0 - 6.5 ft	MW25A-6.0	460-34285-1	12/2/2011	N	***33.7***				852							
114-MW25A	8.0 - 8.5 ft	MW25A-8.0	460-34285-2	12/2/2011	N	***94.2***				231							
114-MW25A	8.0 - 8.5 ft	MW25A-8.0X	460-34285-3	12/2/2011	FD	***109***				239							
114-MW25A	10.0 - 10.5 ft	MW25A-10.0	460-34285-4	12/2/2011	N	14.1				300							
114-MW25A	12.0 - 12.5 ft	MW25A-12.0	460-34285-5	12/2/2011	N	***93.6***				326							
114-MW25A	14.0 - 14.5 ft	MW25A-14.0	460-34285-6	12/2/2011	N	***78.6***				264							
114-MW26A	0.5 - 1.0 ft	MW26A-0.5	460-34099-3	11/29/2011	N	10.8	J			52.7							
114-MW26A	2.0 - 2.5 ft	MW26A-2.0	460-34099-4	11/29/2011	N	6.7	J			187							
114-MW26A	4.0 - 4.5 ft	MW26A-4.0	460-34099-5	11/29/2011	N	< 0.90	UJ			16.9							
114-MW26A	6.0 - 6.5 ft	MW26A-6.0	460-34150-1	11/30/2011	N	5.0	J			106							
114-MW26A	8.0 - 8.5 ft	MW26A-8.0	460-34150-2	11/30/2011	N	< 0.88	UJ			13.7							
114-MW26A	10.0 - 10.5 ft	MW26A-10.0	460-34150-3	11/30/2011	N	< 0.97	UJ			19.3							

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
114-MW26A	12.0 - 12.5 ft	MW26A-12.0	460-34150-4	11/30/2011	N	< 0.86	UJ			9.9							
114-MW26A	14.0 - 14.5 ft	MW26A-14.0	460-34150-5	11/30/2011	N	< 0.90	UJ			10.8							
114-MW27A	0.5 - 1.0 ft	MW27A-0.5	460-34209-1	12/1/2011	N	1.3	J			216							
114-MW27A	3.0 - 3.5 ft	MW27A-3.0	460-34209-2	12/1/2011	N	1.1	J			163							
114-MW27A	5.0 - 5.5 ft	MW27A-5.0	460-34209-7	12/1/2011	N	< 0.86	U			21.9							
114-MW27A	6.0 - 6.5 ft	MW27A-6.0	460-34209-8	12/1/2011	N	< 0.98	U			13.3							
114-MW27A	6.0 - 6.5 ft	MW27A-6.0X	460-34209-5	12/1/2011	FD	< 0.90	U			12.6							
114-MW27A	8.0 - 8.5 ft	MW27A-8.0	460-34209-6	12/1/2011	N	1.4	J			118							
114-MW28A	0.5 - 1.0 ft	MW28A-0.5	460-34150-6	11/30/2011	N	< 0.83	UJ			108							
114-MW28A	2.0 - 2.5 ft	MW28A-2.0	460-34150-7	11/30/2011	N	2.3	J			310							
114-MW28A	2.0 - 2.5 ft	MW28A-2.0X	460-34150-11	11/30/2011	FD	1.3	J			312							
114-MW28A	4.0 - 4.5 ft	MW28A-4.0	460-34150-8	11/30/2011	N	< 0.95	UJ			17.7							
114-MW28A	6.0 - 6.5 ft	MW28A-6.0	460-34150-10	11/30/2011	N	< 0.90	UJ			14.4							
114-MW28A	8.0 - 8.5 ft	MW28A-8.0	460-34150-9	11/30/2011	N	0.89	J			10.9							
132-B1	0.0 - 0.7 ft	132B1A_0.0-0.7_803864	803864	1/30/2007	N	< 2.75	UJ	< 1.3	UJ	67.4	J	16.4		< 1.3	U	25.3	
132-B1	1.0 - 1.9 ft	132B1B_1.0-1.9_803865	803865	1/30/2007	N	< 2.21	UJ	< 1.1	UJ	14.3	J	9.3		< 1.1	U	19.5	
132-B1	4.4 - 4.8 ft	132B1E_4.4-4.8_804219	804219	1/31/2007	N	< 2.46	UJ	< 1.4	UJ	11.3		9.9		< 1.2	U	19	
132-B1	8.5 - 9.1 ft	132B1F_8.5-9.1_804222	804222	1/31/2007	N	< 3.07	UJ	< 1.8	UJ	14.7		10.9		< 1.4	U	20.4	
132-B1	8.5 - 9.1 ft	132B1FD_8.5-9.1_804223	804223	1/31/2007	FD	< 3.12	UJ	2.3	J	8.9		14.5		< 1.5	U	27.6	
132-B1	9.9 - 10.4 ft	132B1G_9.9-10.4_804224	804224	1/31/2007	N	< 2.75	UJ	< 1.6	UJ	12.1		9.1		< 1.3	U	18.7	
132-B1	12.0 - 12.5 ft	132B1H_12.0-12.5_804225	804225	1/31/2007	N	< 2.37	UJ	< 1.4	UJ	14		9.6		< 1.1	U	21	
132-B2	0.0 - 0.8 ft	132B2A_0.0-0.8_803855	803855	1/30/2007	N	5.6	J	< 1.2	UJ	64	J	14		< 1.2	U	18.9	
132-B2	0.0 - 0.8 ft	132B2AD_0.0-0.8_803856	803856	1/30/2007	FD	2.5	J	< 1.2	UJ	36.7	J	10.1		< 1.2	U	19.1	
132-B2	4.4 - 4.9 ft	132B2B_4.4-4.9_803857	803857	1/30/2007	N	< 3.08	UJ	< 1.5	UJ	17	J	13.2		< 1.5	U	22.9	
132-B2	5.0 - 5.5 ft	132B2C_5.0-5.5_803859	803859	1/30/2007	N	< 2.56	UJ	< 1.3	UJ	10.1	J	8.3		< 1.2	U	15.2	
132-B2	6.0 - 6.5 ft	132B2E_6.0-6.5_803870	803870	1/30/2007	N	< 2.79	UJ	< 1.4	UJ	14	J	15.6		< 1.3	U	19.4	
132-B2	9.8 - 10.2 ft	132B2F_9.8-10.2_803871	803871	1/30/2007	N	< 2.71	UJ	< 1.3	UJ	9.5	J	7.5		< 1.3	U	16.9	
132-B2	13.0 - 13.4 ft	132B2G_13.0-13.4_803872	803872	1/30/2007	N	< 2.28	UJ	< 1.1	UJ	10.3	J	9		< 1.1	U	19	
133-B7	0.8 - 1.3 ft	133B7A(0.8-1.3)J48474-14	J48474-14	12/7/2006	N	< 1.1	U	< 2.3	UJ	141	J	14.5	J	< 1.1	U	16.3	J
133-B7	2.3 - 2.4 ft	133B7B(2.3-2.4)J48474-15	J48474-15	12/7/2006	N	< 1.1	U	< 2.2	UJ	1350	J	36.3	J	< 1.1	U	35.9	J
133-B7	4.5 - 5.0 ft	133B7C(4.5-5.0)J48474-16	J48474-16	12/7/2006	N	< 1.4	U	< 2.8	UJ	2190	J	84.1	J	< 1.4	U	45.9	J
133-B7	8.5 - 9.5 ft	PPG-133-B7D_8.5-9.5	793194	12/13/2006	N	< 2.29	UJ	< 1.3	UJ	16.9		10.3		< 1.1	U	25.1	
133-B7	12.5 - 13.0 ft	PPG-133-B7E_12.5-13.0	793195	12/13/2006	N	< 4.35	UJ	< 2.5	UJ	28		19.1		< 2	U	37.6	
133-B7	16.5 - 17.0 ft	PPG-133-B7F_16.5-17.0	793196	12/13/2006	N	< 3.4	UJ	< 1.8	UJ	33		26.4		< 1.5	U	35.9	
133-B7	20.5 - 21.0 ft	PPG-133-B7G_20.5-21.0	793197	12/13/2006	N	< 3.23	UJ	< 1.9	UJ	30		26.5		< 1.5	U	42.1	
133-B7	22.3 - 22.8 ft	PPG-133-B7H_22.3-22.8	793198	12/13/2006	N	< 2.66	UJ	< 1.5	UJ	12.1		10.5		< 1.3	U	18.5	
135-B12	0.7 - 1.2 ft	135-B12A(0.7-1.2)J48979-9	J48979-9	12/12/2006	N			< 2.1	UJ	41.2		14.7		< 1.1	U	27.9	
135-B12	0.7 - 1.2 ft	135-B12A(0.7-1.2)J48979-9R	J48979-9R	12/12/2006	N	1.4	J										
135-B12	1.5 - 2.0 ft	135-B12B(1.5-2.0)J48979-10	J48979-10	12/12/2006	N			3.7	J	121		19.9		< 1.3	U	26.6	
135-B12	1.5 - 2.0 ft	135-B12B(1.5-2.0)J48979-10R	J48979-10R	12/12/2006	N	3.5	J										
135-B12	2.9 - 3.4 ft	135-B12C(2.9-3.4)J48979-11	J48979-11	12/12/2006	N			< 2.2	UJ	26		9.7		< 1.1	U	24.4	
135-B12	2.9 - 3.4 ft	135-B12C(2.9-3.4)J48979-11R	J48979-11R	12/12/2006	N	< 1.2	UJ										
135-B12	3.7 - 4.2 ft	135-B12D(3.7-4.2)J48979-12	J48979-12	12/12/2006	N			< 2.7	UJ	28.6		18.7		< 1.4	U	27.5	
135-B12	3.7 - 4.2 ft	135-B12D(3.7-4.2)J48979-12R	J48979-12R	12/12/2006	N	< 1.3	UJ										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
Analyte						CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
CAS-RN						18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
Units						mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
RDCSRS						20		31		120000		1600				390*	
NRDCSRS						20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
135-B12	4.5 - 5.0 ft	135-B12E(4.5-5.0)J48979-13	J48979-13	12/12/2006	N			< 2.4	UJ	21.1		11.6		< 1.2	U	17.5	
135-B12	4.5 - 5.0 ft	135-B12E(4.5-5.0)J48979-13R	J48979-13R	12/12/2006	N	< 1.2	UJ										
135-B12	8.5 - 9.0 ft	PPG-135-B12E_8.5-9.0	794787	12/19/2006	N	< 2.4	UJ	< 1.2	UJ	13.3		9.4		< 1.2	U	21.3	
135-B12	12.0 - 13.0 ft	PPG-135-B12F_12.0-13.0	794788	12/19/2006	N	< 5.04	UJ	< 2.5	UJ	16.7		15.9		< 1.2	U	26.6	
135-B12	16.0 - 16.5 ft	PPG-135-B12G_16.0-16.5	794789	12/19/2006	N	< 3.53	UJ	< 1.7	UJ	28.9		24.9		< 1.7	U	32.8	
135-B12	18.7 - 19.2 ft	PPG-135-B12H_18.7-19.2	794790	12/19/2006	N	< 2.38	UJ	< 1.2	UJ	12.4		11.3		< 1.1	U	15.5	
135-B13	0.0 - 0.5 ft	135-B13A(0.0-0.5)J48979-14	J48979-14	12/12/2006	N			4.5	J	183		24.1		< 1.2	U	39.4	
135-B13	0.0 - 0.5 ft	135-B13A(0.0-0.5)J48979-14R	J48979-14R	12/12/2006	N	4.8	J										
135-B13	1.0 - 1.5 ft	135-B13B(1.0-1.5)J48979-15	J48979-15	12/12/2006	N			6.3	J	27.2		20.7		< 1.2	U	25.6	
135-B13	1.0 - 1.5 ft	135-B13B(1.0-1.5)J48979-15R	J48979-15R	12/12/2006	N	2.3	J										
135-B13	3.7 - 4.1 ft	135-B13C(3.7-4.1)J48979-16	J48979-16	12/12/2006	N			< 2.8	UJ	168		23.3		< 1.4	U	35.2	
135-B13	3.7 - 4.1 ft	135-B13C(3.7-4.1)J48979-16R	J48979-16R	12/12/2006	N	1.5	J										
135-B13	4.8 - 5.3 ft	135-B13D(4.8-5.3)J48979-17	J48979-17	12/12/2006	N			< 2.7	UJ	197		22.5		< 1.4	U	26.5	
135-B13	4.8 - 5.3 ft	135-B13D(4.8-5.3)J48979-17R	J48979-17R	12/12/2006	N	4.1	J										
135-B13	8.5 - 9.5 ft	PPG-135-B13E_8.5-9.5_795151	795151	12/20/2006	N	< 2.46	UJ	< 1.2	UJ	16.6		11.4		< 1.2	U	33.6	
135-B13	8.5 - 9.5 ft	PPG-135-B13ED_8.5-9.5_795152	795152	12/20/2006	FD	< 2.39	UJ	< 1.1	UJ	16.6		10.8		< 1	U	31.1	
135-B13	13.5 - 14.0 ft	PPG-135-B13F_13.5-14.0_795153	795153	12/20/2006	N	< 2.37	UJ	< 1.2	UJ	17.6		11.6		< 1.1	U	26.2	
135-B13	17.6 - 18.1 ft	PPG-135-B13G_17.6-18.1_795154	795154	12/20/2006	N	< 4.24	UJ	< 2.1	UJ	24.2		18.9		< 2	U	36.9	
135-B13	21.5 - 22.5 ft	PPG-135-B13H_21.5-22.5_795155	795155	12/20/2006	N	< 2.99	UJ	< 1.5	UJ	20.4		17.8		< 1.4	U	24.8	
135-B13	24.0 - 24.5 ft	PPG-135-B13I_24.0-24.5_795156	795156	12/20/2006	N	< 2.86	UJ	< 1.4	UJ	10.4		13.2		< 1.4	U	13.3	
135-B14	0.8 - 1.3 ft	135-B14A(0.8-1.3)J48979-3	J48979-3	12/12/2006	N			16	J	288		24.6		< 1.1	U	34.3	
135-B14	0.8 - 1.3 ft	135-B14A(0.8-1.3)J48979-3R	J48979-3R	12/12/2006	N	14.6	J										
135-B14	2.9 - 3.4 ft	135-B14B(2.9-3.4)J48979-4	J48979-4	12/12/2006	N			**44.3**	**J**	138		30.1		< 1.2	U	36.2	
135-B14	2.9 - 3.4 ft	135-B14B(2.9-3.4)J48979-4R	J48979-4R	12/12/2006	N	< 1.2	UJ										
135-B14	3.4 - 3.8 ft	135-B14C(3.4-3.8)J48979-5	J48979-5	12/12/2006	N			3.5	J	36.1		14.3		< 1.2	U	14.5	
135-B14	3.4 - 3.8 ft	135-B14C(3.4-3.8)J48979-5R	J48979-5R	12/12/2006	N	< 1.2	UJ										
135-B14	4.6 - 5.0 ft	135-B14D(4.6-5.0)J48979-6	J48979-6	12/12/2006	N			< 1.9	UJ	6.9		< 3.8	U	< 0.96	U	9.5	
135-B14	8.5 - 9.0 ft	PPG-135-B14E_8.5-9.0_795159	795159	12/20/2006	N	< 2.45	UJ	< 1.1	UJ	16.6		10.8		< 1.1	U	29.1	
135-B14	12.8 - 13.3 ft	PPG-135-B14F_12.8-13.3_795160	795160	12/20/2006	N	< 4.43	UJ	< 2.2	UJ	27.5		14.4		< 1.1	UJ	39.5	
135-B14	17.0 - 17.5 ft	PPG-135-B14G_17.0-17.5_795161	795161	12/20/2006	N	< 3.5	UJ	< 1.7	UJ	33.8		25.4		< 1.7	U	38	
135-B14	20.4 - 20.9 ft	PPG-135-B14H_20.4-20.9_795162	795162	12/20/2006	N	< 2.46	UJ	< 1.2	UJ	11.8		13.8		< 1.2	U	13.9	
135-B15	0.6 - 1.1 ft	135-B15A(0.6-1.1)J48979-18	J48979-18	12/12/2006	N			**50.3**	**J**	53.7		28		< 1.1	U	50	
135-B15	0.6 - 1.1 ft	135-B15A(0.6-1.1)J48979-18R	J48979-18R	12/12/2006	N	5.8	J										
135-B15	2.2 - 2.2 ft	135-B15B(2.2-2.2)J48979-19	J48979-19	12/12/2006	N			< 2.6	UJ	18.9		14.1		< 1.3	U	21.1	
135-B15	2.2 - 2.2 ft	135-B15B(2.2-2.2)J48979-19R	J48979-19R	12/12/2006	N	< 1.3	UJ										
135-B15	4.2 - 4.5 ft	135-B15C(4.2-4.5)J48979-20	J48979-20	12/12/2006	N			3.9	J	23.1		21.9		< 1.6	U	29.7	
135-B15	4.2 - 4.5 ft	135-B15C(4.2-4.5)J48979-20R	J48979-20R	12/12/2006	N	< 1.6	UJ										
135-B15	8.0 - 8.5 ft	PPG-135-B15D_8.0-8.5_795806	795806	12/22/2006	N	< 2.37	U	< 1.2	UJ	12.8		9.6		< 1.1	U	22.8	
135-B15	12.0 - 12.5 ft	PPG-135-B15E_12.0-12.5_795807	795807	12/22/2006	N	< 2.36	UJ	< 1.2	UJ	14.7		9.7		< 1.1	U	24.8	
135-B15	13.7 - 14.2 ft	PPG-135-B15F_13.7-14.2_795808	795808	12/22/2006	N	< 3.47	UJ	< 1.7	UJ	31.9		25.3		< 1.7	U	37.2	
135-B15	17.5 - 18.0 ft	PPG-135-B15G_17.5-18.0_795809	795809	12/22/2006	N	< 3.57	UJ	< 1.7	UJ	30.7		24.8		< 1.7	U	35.1	
135-B15	21.5 - 22.0 ft	PPG-135-B15H_21.5-22.0_795810	795810	12/22/2006	N	< 3.46	UJ	< 1.7	UJ	30.4		25.1		< 1.7	U	40.3	
135-B15	23.0 - 23.5 ft	PPG-135-B15I_23.0-23.5_795811	795811	12/22/2006	N	< 2.58	UJ	< 1.1	UJ	11.9		12.8		< 1.1	U	14.0	
135-B16	0.7 - 1.2 ft	135-B16A(0.7-1.2)J49116-2	J49116-2	12/13/2006	N	< 1.3	UJ	5.1	J	64.1		31.3		< 2.6	U	30.4	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
135-B16	2.0 - 2.4 ft	135-B16B(2.0-2.4)J49116-3	J49116-3	12/13/2006	N	< 1.2	UJ	< 2.3	UJ	81.2		17.4		< 1.2	U	18.4	
135-B16	4.2 - 4.6 ft	135-B16C(4.2-4.6)J49116-4	J49116-4	12/13/2006	N	< 1.3	UJ	< 2.4	UJ	170		16.6		< 1.2	U	23.7	
135-B16	8.0 - 8.5 ft	PPG-135-B16D_8.0-8.5_795798	795798	12/22/2006	N	< 2.39	UJ	< 1.2	UJ	15.2		11.0		< 1.1	U	23.3	
135-B16	12.2 - 13.2 ft	PPG-135-B16E_12.2-13.2_795799	795799	12/22/2006	N	< 2.31	UJ	< 1.1	UJ	16.3	J	13.4	J	< 1.1	UJ	22.4	J
135-B16	12.2 - 13.2 ft	PPG-135-B16ED_12.2-13.2_795800	795800	12/22/2006	FD	< 4.69	UJ	< 2.3	UJ	37.8	J	34.0	J	< 1.1	UJ	50.7	J
135-B16	16.2 - 16.7 ft	PPG-135-B16F_16.2-16.7_795801	795801	12/22/2006	N	6.0	J	< 1.8	UJ	33.0		27.0		< 1.8	U	38.0	
135-B16	20.0 - 20.5 ft	PPG-135-B16G_20.0-20.5_795802	795802	12/22/2006	N	< 3.41	UJ	< 1.7	UJ	30.0		24.9		< 1.6	U	33.6	
135-B16	20.9 - 21.4 ft	PPG-135-B16H_20.9-21.4_795803	795803	12/22/2006	N	< 2.68	UJ	< 1.3	UJ	12.7		12.1		< 1.3	U	17.6	
135-B17	0.9 - 1.4 ft	135-B17A(0.9-1.4)J49116-5	J49116-5	12/13/2006	N	1.4	J	3.2	J	19.7		11.5		< 1.1	U	21.3	
135-B17	2.4 - 2.9 ft	135-B17B(2.4-2.9)J49116-6	J49116-6	12/13/2006	N	< 1.2	UJ	< 2.4	UJ	12.7		9.5		< 1.2	U	17.5	
135-B17	4.0 - 4.5 ft	135-B17C(4.0-4.5)J49116-7	J49116-7	12/13/2006	N	< 1.5	UJ	< 3	UJ	23.5		23.7		< 1.5	U	32.8	
135-B17	8.0 - 8.5 ft	PPG-135-B17D_8.0-8.5	795532	12/21/2006	N	< 2.44	UJ	< 1.4	UJ	20.9		14.1		< 1.1	UJ	32.9	
135-B17	12.0 - 13.0 ft	PPG-135-B17E_12.0-13.0	795533	12/21/2006	N	< 2.4	UJ	< 1.4	UJ	9.9		7.3		< 1.1	U	16.3	
135-B17	12.0 - 13.0 ft	PPG-135-B17ED_12.0-13.0	795534	12/21/2006	FD	< 2.53	UJ	< 1.5	UJ	14.3		10.2		< 1.2	U	20.3	
135-B17	14.9 - 15.4 ft	PPG-135-B17F_14.9-15.4	795535	12/21/2006	N	< 5.32	UJ	< 3.1	UJ	24.7		18.9		< 1.2	U	32.2	
135-B17	18.8 - 19.3 ft	PPG-135-B17G_18.8-19.3	795536	12/21/2006	N	< 2.47	UJ	< 1.3	UJ	13.8		12.7		< 1.1	U	16.8	
135-B18	0.6 - 1.1 ft	135 B18A(0.6-1.1)J49116-10	J49116-10	12/13/2006	N	< 1.1	UJ	3.6	J	192		27.1		< 1.1	U	42	
135-B18	2.8 - 3.3 ft	135 B18B(2.8-3.3)J49116-11	J49116-11	12/13/2006	N	< 1.3	UJ	< 2.6	UJ	46.3		16.3		< 1.3	U	19.3	
135-B18	4.1 - 4.6 ft	135 B18C(4.1-4.6)J49116-12	J49116-12	12/13/2006	N	< 1.3	UJ	< 2.6	UJ	21.2		13.8		< 1.3	U	23.1	
135-B18	8.0 - 8.5 ft	PPG-135-B18D_8.0-8.5	795539	12/21/2006	N	< 2.32	UJ	< 1.3	UJ	9.4		6.4		< 1.1	U	15.7	
135-B18	12.0 - 13.0 ft	PPG-135-B18E_12.0-13.0	795540	12/21/2006	N	< 2.28	UJ	< 1.3	UJ	15.1		10.1		< 1.1	U	26	
135-B18	13.2 - 13.7 ft	PPG-135-B18F_13.2-13.7	795541	12/21/2006	N	< 6.64	UJ	< 3.9	UJ	17.9		12		< 1.6	U	24.9	
135-B18	16.2 - 16.7 ft	PPG-135-B18G_16.2-16.7	795543	12/21/2006	N	< 5.68	UJ	< 3.3	UJ	11.1		10.2		< 1.3	U	17.6	
135-B18	17.5 - 18.0 ft	PPG-135-B18H_17.5-18.0	795544	12/21/2006	N	< 2.47	UJ	< 1.3	UJ	8.3		8.3		< 1.1	U	7.9	
135-B19	1.3 - 1.8 ft	135-B19A (1.3-1.8)J49116-8	J49116-8	12/13/2006	N	< 1.2	UJ	< 2.3	UJ	169		61.1		< 1.2	U	50.5	
135-B19	2.1 - 2.6 ft	135-B19B (3.3-3.8)J49116-9	J49116-9	12/13/2006	N	< 1.3	UJ	2.7	J	457		26.1		< 1.3	U	25.1	
135-B19	3.3 - 3.8 ft	135 B19C(3.3-3.8)J49116-17	J49116-17	12/13/2006	N	< 1.3	UJ	< 2.7	UJ	231		21.3		< 1.3	U	25.1	
135-B19	5.1 - 5.6 ft	PPG-135-B19D_5.1-5.6_796867	796867	1/2/2007	N	< 3.48	UJ	< 1.6	UJ	27.2		14.5		< 1.5	U	28	
135-B19	9.4 - 9.9 ft	PPG-135-B19E_9.4-9.9_796868	796868	1/2/2007	N	< 3.18	UJ	< 1.6	UJ	23.5		18		< 1.5	U	39.1	
135-B19	13.2 - 13.7 ft	PPG-135-B19F_13.2-13.7_796869	796869	1/2/2007	N	< 3.38	UJ	< 1.7	UJ	21.9		15		< 1.6	U	32.2	
135-B19	17.2 - 18.2 ft	PPG-135-B19G_17.2-18.2_796870	796870	1/2/2007	N	< 3.82	UJ	< 1.9	UJ	33.7		28.3		< 1.8	U	41.1	
135-B19	17.2 - 18.2 ft	PPG-135-B19GD_17.2-18.2_796871	796871	1/2/2007	FD	< 3.85	UJ	< 1.9	UJ	20.6		17.7		< 1.8	U	29.7	
135-B19	20.2 - 20.7 ft	PPG-135-B19H_20.2-20.7_796872	796872	1/2/2007	N	< 2.53	UJ	< 1.2	UJ	13		14.2		< 1.2	U	15	
135-B4	0.7 - 1.6 ft	135-B4A(0.7-1.6)J48979-7	J48979-7	12/12/2006	N			< 2.2	UJ	54.2		18.8		< 1.1	U	35.6	
135-B4	0.7 - 1.6 ft	135-B4A(0.7-1.6)J48979-7R	J48979-7R	12/12/2006	N	2.2	J										
135-B4	2.1 - 2.6 ft	135-B4B(2.1-2.6)DUPJ48979-23	J48979-23	12/12/2006	FD			4.3	J	756		70.6		< 1.3	U	324	
135-B4	2.1 - 2.6 ft	135-B4B(2.1-2.6)DUPJ48979-23R	J48979-23R	12/12/2006	FD	16.1	J										
135-B4	2.1 - 2.6 ft	135-B4B(2.1-2.6)J48979-22	J48979-22	12/12/2006	N			< 2.8	UJ	640		43.1		< 1.4	U	224	
135-B4	2.1 - 2.6 ft	135-B4B(2.1-2.6)J48979-22R	J48979-22R	12/12/2006	N	12.1	J										
135-B4	4.0 - 4.5 ft	135-B4C(4.0-4.5)J48979-8	J48979-8	12/12/2006	N			15.8	J	160		23.3		< 1.2	U	31.8	
135-B4	4.0 - 4.5 ft	135-B4C(4.0-4.5)J48979-8R	J48979-8R	12/12/2006	N	4.2	J										
135-B4	8.5 - 9.0 ft	PPG-135-B4D_8.5-9.0	794779	12/19/2006	N	< 2.27	UJ	< 1.1	UJ	11.7		8.1		< 1.1	U	19.4	
135-B4	12.5 - 13.0 ft	PPG-135-B4E_12.5-13.0	794780	12/19/2006	N	< 3.5	UJ	< 1.7	UJ	26.4		21		< 1.7	U	26.6	
135-B4	13.9 - 14.4 ft	PPG-135-B4F_13.9-14.4	794781	12/19/2006	N	< 5.81	UJ	< 2.8	UJ	25.3		23.5		< 1.4	U	35.2	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
135-B4	13.9 - 14.4 ft	PPG-135-B4FD_13.9-14.4	794782	12/19/2006	FD	< 6.49	UJ	< 3.2	UJ	31.8		30.8		< 1.6	U	41.9	
135-B4	18.0 - 18.5 ft	PPG-135-B4G_18.0-18.5	794783	12/19/2006	N	< 3.85	UJ	< 1.9	UJ	24		32.1		< 1.8	U	41	
135-B4	22.3 - 22.8 ft	PPG-135-B4H_22.3-22.8	794784	12/19/2006	N	< 2.69	UJ	< 1.3	UJ	12.1		11.8		< 1.3	U	15.6	
135-B5	0.7 - 1.1 ft	135-B5A_0.7-1.1_816973	816973	3/27/2007	N	< 2.14	UJ	< 1.2	UJ	3.4	J	5	J	< 1	U	3.1	J
135-B5	1.1 - 1.8 ft	135-B5B_1.1-1.8_816974	816974	3/27/2007	N	< 2.14	UJ	< 1.2	UJ	15.9	J	6.6	J	< 1	U	11	
135-B5	1.8 - 2.7 ft	135-B5C_1.8-2.7_816975	816975	3/27/2007	N	< 2.28	UJ	< 1.3	UJ	15.7	J	11.6	J	< 1.1	U	20.7	
135-B5	4.7 - 5.8 ft	135-B5D_4.7-5.8_816976	816976	3/27/2007	N	< 2.56	UJ	< 1.3	UJ	42.8		18.3		< 1.2	U	21.9	
135-B5	8.7 - 9.2 ft	135-B5E_8.7-9.2_816978	816978	3/27/2007	N	< 2.71	UJ	3.3	J	424	J	125	J	< 1.3	U	30.2	
135-B5	9.2 - 9.9 ft	135-B5F_9.2-9.9_816979	816979	3/27/2007	N	< 3.01	UJ	< 1.7	UJ	17.7	J	19.7	J	< 1.4	U	28.4	
135-B5	12.7 - 14.1 ft	135-B5G_12.7-14.1_816980	816980	3/27/2007	N	< 2.77	UJ	< 1.2	UJ	22.6		12.9		< 1.2	U	27.6	
135-B5	12.7 - 14.1 ft	135-B5GD_12.7-14.1_816981	816981	3/27/2007	FD	< 2.9	UJ	< 1.4	UJ	34.3		14.7		< 1.4	U	32.4	
135-B5	14.1 - 14.7 ft	135-B5H_14.1-14.7_816982	816982	3/27/2007	N	< 2.3	UJ	< 1.1	UJ	13.1		10.7		< 1.1	U	26.7	
135-B5	16.7 - 18.1 ft	135-B5I_16.7-18.1_816983	816983	3/27/2007	N	< 4.26	UJ	< 2.5	UJ	19.8	J	15.4	J	< 2	UJ	27.5	J
135-B6	0.8 - 2.0 ft	135-B6A_0.8-2.0_816549	816549	3/26/2007	N	2.9	RA	< 1.6	UJ	47.7	J	24.8	J	< 1.3	U	20.1	
135-B6	2.0 - 3.4 ft	135-B6B_2.0-3.4_816550	816550	3/26/2007	N	< 2.56	RA	9.9	J	36	J	12.8	J	< 1.2	U	17.5	
135-B6	6.7 - 7.5 ft	135-B6C_6.7-7.5_816551	816551	3/26/2007	N	< 2.63	RA	< 1.5	UJ	100	J	30.4	J	< 1.2	U	26.5	
135-B6	10.0 - 11.1 ft	135-B6D_10.0-11.1_816553	816553	3/26/2007	N	< 4.02	RA	4.4	J	19.1	J	21.3	J	< 1.9	UJ	24.5	J
135-B6	12.0 - 12.8 ft	135-B6E_12.0-12.8_816554	816554	3/26/2007	N	< 2.79	RA	< 1.6	UJ	20.9	J	12.7	J	< 1.3	U	31.5	
135-B6	12.8 - 13.4 ft	135-B6F_12.8-13.4_816555	816555	3/26/2007	N	< 6.31	RA	< 3.7	UJ	27.8	J	20.5	J	< 1.5	UJ	45.7	J
135-MW1B	5.2 - 5.7 ft	135-1BE_5.2-5.7_815726	815726	3/22/2007	N	< 2.33	UJ	< 1.4	UJ	28.2		12.4		< 1.1	U	28.3	
135-MW1B	9.0 - 9.4 ft	135-1BF_9.0-9.4_815727	815727	3/22/2007	N	< 2.4	UJ	< 1.4	UJ	65		14.7		< 1.1	U	36.2	
135-MW1B	13.0 - 13.5 ft	135-1BG_13.0-13.5_815728	815728	3/22/2007	N	< 2.32	UJ	< 1.3	UJ	19.6		12.2		< 1.1	U	31.6	
135-MW1B	14.0 - 15.0 ft	135-1BH_14.0-15.0_815729	815729	3/22/2007	N	< 2.36	UJ	< 1.4	UJ	16.8		10.4		< 1.1	U	26.7	
135-MW1B	14.0 - 15.0 ft	135-1BHD_14.0-15.0_815730	815730	3/22/2007	FD	< 2.38	UJ	< 1.4	UJ	15		9.4	J	< 1.1	U	22.6	
135-MW1B	16.0 - 17.0 ft	135-1BI_16.0-17.0_815731	815731	3/22/2007	N	< 4.84	UJ	< 2.8	UJ	27.2	J	22.2	J	< 1.1	UJ	36.7	J
135-MW1B	17.3 - 18.3 ft	135-1BJ_17.3-18.3_816122	816122	3/23/2007	N	< 4.2	UJ	< 2.4	UJ	32.3	J	27.5	J	< 2	UJ	44.6	J
135-MW1B	18.3 - 18.8 ft	135-1BK_18.3-18.8_816123	816123	3/23/2007	N	< 2.77	UJ	< 1.6	UJ	10.5		6.2	J	< 1.3	U	18.4	
135-MW1C	0.6 - 1.1 ft	PPG 1351CA(0.6-1.1)J49116-13	J49116-13	12/13/2006	N	10.3	J	2.8	J	32.9		24.8		< 1.2	U	23.1	
135-MW1C	1.8 - 2.3 ft	PPG 1351CB(1.8-2.3) DUPJ49116-15	J49116-15	12/13/2006	FD	***20.1***	***J***	6.9	J	28		29.2		< 1.3	U	28.6	
135-MW1C	1.8 - 2.3 ft	PPG 1351CB(1.8-2.3)J49116-14	J49116-14	12/13/2006	N	12.6	J	6.5	J	24.9		20.8		< 1.3	U	26.5	
135-MW1C	4.5 - 5.0 ft	PPG 1351CC(4.5-5.0)J49116-16	J49116-16	12/13/2006	N	5.4	J	< 2.9	UJ	1140		61.1		< 1.4	U	38.1	
135-P3C-W45A	0.7 - 1.2 ft	135-P3C-W45A-0.7-1.2	JB62344-54	3/19/2014	N	0.63	JB										
135-P3C-W45A	2.0 - 2.5 ft	135-P3C-W45A-2.0-2.5	JB62344-55	3/19/2014	N	0.44	JB										
135-P3C-W45A	4.0 - 4.5 ft	135-P3C-W45A-4.0-4.5	JB62344-56	3/19/2014	N	0.85	JB										
135-P3C-W45A	6.0 - 6.5 ft	135-P3C-W45A-6.0-6.5	JB62344-57	3/19/2014	N	0.86	JB										
135-P3C-W45A	8.0 - 8.5 ft	135-P3C-W45A-8.0-8.5	JB62344-58	3/19/2014	N	< 0.12	UJ										
135-P3C-W45A	10.0 - 10.5 ft	135-P3C-W45A-10.0-10.5	JB62344-59	3/19/2014	N	< 0.091	UJ										
135-P3C-W45A	12.0 - 12.5 ft	135-P3C-W45A-12.0-12.5	JB62344-60	3/19/2014	N	0.42	JB										
135-P3C-W45A	14.0 - 14.5 ft	135-P3C-W45A-14.0-14.5	JB62344-61	3/19/2014	N	1.2	JB										
135-P3C-W45A	15.7 - 16.2 ft	135-P3C-W45A-15.7-16.2	JB62344-62	3/19/2014	N	< 0.099	UJ										
135-P3C-W45A	16.2 - 16.7 ft	135-P3C-W45A-16.2-16.7	JB62344-63	3/19/2014	N	1.3	JB										
A6	0.0 - 0.5 ft	A6S0-.5	668994	9/2/2003	N	***36.4***	***J***	14.7	J	1260	J	66.6	J	< 1.3	U	115	J
A6	1.5 - 2.0 ft	A6S1.5-2	668995	9/2/2003	N			< 0.45	UJ	95	J	8.1	J	< 1.2	U	24.4	J
A6	4.0 - 4.5 ft	A6S4-4.5	668996	9/2/2003	N	< 4.67	UJ	< 0.44	UJ	76.2	J	12.6	J	< 1.2	U	25.4	J

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
A6	6.5 - 7.0 ft	A6S6.5-7	668997	9/2/2003	N	< 4.65	UJ	**43.2**	**J**	5350	J	9.4	J			< 8.1	UJ
A6	6.5 - 7.0 ft	A6S6.5-7)	707954	9/2/2003	N									< 0.19	U		
A6	8.5 - 9.0 ft	A6S8.5-9	668998	9/2/2003	N	< 5.2	UJ	**37.2**	**J**	4430	J	10.6	J			9	J
A6	8.5 - 9.0 ft	A6S8.5-9)	707955	9/2/2003	N									< 0.21	U		
A6	10.5 - 11.0 ft	A6S10.5-11	668999	9/2/2003	N			< 0.57	UJ	27.4	J	16.3	J	< 0.52	U	32.5	J
AE-1	1.5 - 2.0 ft	AE-1(1.5-2.0)	JA79968-5	7/1/2011	N	2.5				39.9							
AE-1	1.5 - 2.0 ft	R-AE-1 (1.5-2.0)	JA80162-15	7/6/2011	N	***62.0***	***J***			418	J						
AE-1	3.5 - 4.0 ft	AE-1(3.5-4.0)	JA79968-7	7/1/2011	N	0.75				37.1							
AE-1	3.5 - 4.0 ft	R-AE-1 (3.5-4.0)	JA80162-16	7/6/2011	N	***29.0***	***J***			226	J						
AE-1	4.5 - 5.0 ft	AE-1(4.5-5.0)	JA79968-9	7/1/2011	N	***38.2***				654							
AE-1	5.0 - 5.5 ft	R-AE-1 (5.0-5.5)	JA80162-17	7/6/2011	N	***38.2***	***J***			652	J						
AE-1	7.5 - 8.0 ft	AE-1(7.5-8.0)	JA80285-1	7/7/2011	N	6.0	J			235	J						
AE-1	9.5 - 10.0 ft	AE-1(9.5-10.0)	JA80285-2	7/7/2011	N	***21.0***	***J***			643	J						
AE-1	13.5 - 14.0 ft	AE-1(13.5-14.0)	JA80285-4	7/7/2011	N	***52.6***	***J***			454	J						
AE-1	15.5 - 16.0 ft	AE-1(15.5-16.0)	JA80285-5	7/7/2011	N	***442***	***J***			1900	J						
AE-1	19.5 - 20.0 ft	AE-1(19.5-20.0)	JA80285-9	7/7/2011	N	***691***	***J***			7990	J						
AE-1	21.5 - 22.0 ft	AE-1(21.5-22.0)	JA80285-10	7/7/2011	N	***86.2***	***J***			1000	J						
AE-1	23.5 - 24.0 ft	AE-1(23.5-24.0)	JA80285-11	7/7/2011	N	***56.0***	***J***			469	J						
AE-1	25.5 - 26.0 ft	AE-1(25.5-26.0)	JA80285-13	7/7/2011	N	***55.7***	***J***			530	J						
AE-1	27.5 - 28.0 ft	AE-1(27.5-28.0)	JA80285-14	7/7/2011	N	***37.6***	***J***			263	J						
AE-1	29.5 - 30.0 ft	AE-1(29.5-30.0)	JA80285-15	7/7/2011	N	***50.0***	***J***			309	J						
AE-1	31.5 - 32.0 ft	AE-1(31.5-32.0)	JA80285-16	7/7/2011	N	***35.7***	***J***			418	J						
AE-1	33.5 - 34.0 ft	AE-1(33.5-34.0)	JA80285-17	7/7/2011	N	18.1	J			119	J						
AE-1	39.5 - 40.0 ft	AE-1(39.5-40.0)	JA80285-19	7/7/2011	N	11.5	J			81.1	J						
AE-1	39.5 - 40.0 ft	AE-D-1(39.5-40.0)	JA80285-20	7/7/2011	FD	***26.5***	***J***			173	J						
AE-1	45.5 - 46.0 ft	AE-1(45.5-46.0)	JA80285-21	7/7/2011	N	10.2	J			94.8	J						
AE-1	49.5 - 50.0 ft	AE-1 (49.5-50.0)	JA80570-1	7/8/2011	N	2.9				91.9							
AE-1	53.5 - 54.0 ft	AE-1 (53.5-54.0)	JA80570-2	7/8/2011	N	< 0.22	U			28.3							
AE-2	1.5 - 2.0 ft	AE-2 (1.5-2.0)	JA80162-10	7/6/2011	N	3.9	J			94.7	J						
AE-2	1.5 - 2.0 ft	AE-D-2 (1.5-2.0)	JA80162-11	7/6/2011	FD	9.7	J			114	J						
AE-2	3.5 - 4.0 ft	AE-2 (3.5-4.0)	JA80162-12	7/6/2011	N	7.1	J			105	J						
AE-2	5.0 - 5.5 ft	AE-2 (5.0-5.5)	JA80162-14	7/6/2011	N	***27.1***	***J***			406	J						
AE-2	7.5 - 8.0 ft	AE-2 (7.5-8.0)	JA80570-3	7/11/2011	N	***62.2***				592							
AE-2	9.5 - 10.0 ft	AE-2 (9.5-10.0)	JA80570-4	7/11/2011	N	***32.2***				638							
AE-2	11.5 - 12.0 ft	AE-2 (11.5-12.0)	JA80570-5	7/11/2011	N	***59.7***				1680							
AE-2	13.5 - 14.0 ft	AE-2 (13.5-14.0)	JA80570-6	7/11/2011	N	***58.4***				1910							
AE-2	15.5 - 16.0 ft	AE-2 (15.5-16.0)	JA80570-7	7/11/2011	N	***1430***				1330							
AE-2	21.5 - 22.0 ft	AE-2 (21.5-22.0)	JA80570-8	7/11/2011	N	17.0				7980							
AE-2	23.5 - 24.0 ft	AE-2 (23.5-24.0)	JA80570-9	7/11/2011	N	20.0				245							
AE-2	25.5 - 26.0 ft	AE-2 (25.5-26.0)	JA80570-10	7/11/2011	N	9.3				268							
AE-2	27.5 - 28.0 ft	AE-2 (27.5-28.0)	JA80570-11	7/11/2011	N	13.5				331							
AE-2	29.5 - 30.0 ft	AE-2 (29.5-30.0)	JA80570-12	7/11/2011	N	***32.6***				58.8							
AE-2	31.5 - 32.0 ft	AE-2 (31.5-32.0)	JA80570-13	7/11/2011	N	***31.1***				55.4							
AE-2	33.5 - 34.0 ft	AE-2 (33.5-34.0)	JA80570-14	7/11/2011	N	***27.5***				83.0							

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
AE-2	35.5 - 36.0 ft	AE-2 (35.5-36.0)	JA80570-15	7/11/2011	N	18.4				528							
AE-2	41.5 - 42.0 ft	AE-2(41.5-42.0)	JA80799-1	7/12/2011	N	0.71				36.2							
AE-2	45.5 - 46.0 ft	AE-2(45.5-46.0)	JA80799-2	7/12/2011	N	7.8				59.3							
AE-2	49.5 - 50.0 ft	AE-2(49.5-50.0)	JA80799-3	7/12/2011	N	1.2				25.6							
AE-2	54.5 - 55.0 ft	AE-2(54.5-55.0)	JA81079-1	7/14/2011	N	***26.4***				52.2							
AE-2	59.5 - 60.0 ft	AE-2(59.5-60.0)	JA81079-2	7/14/2011	N	0.79				78.0							
AE-3	2.4 - 2.9 ft	AE-3(2.4-2.9)	JA79968-1	6/30/2011	N	***24.8***				752							
AE-3	3.5 - 4.0 ft	AE-3(3.5-4.0)	JA79968-2	6/30/2011	N	19.7				558							
AE-3	5.0 - 5.5 ft	AE-3(5.0-5.5)	JA79968-3	6/30/2011	N	***55.2***				865							
AE-3	7.5 - 8.0 ft	AE-3(7.5-8.0)	JA79968-4	7/1/2011	N	***74.4***				1030							
AE-3	9.5 - 10.0 ft	AE-3(9.5-10.0)	JA79968-6	7/1/2011	N	***205***				3160							
AE-3	11.5 - 12.0 ft	AE-3(11.5-12.0)	JA79968-8	7/1/2011	N	***521***				4200							
AE-3	13.5 - 14.0 ft	AE-3(13.5-14.0)	JA79968-10	7/1/2011	N	***1490***				2900							
AE-3	15.5 - 16.0 ft	AE-3(15.5-16.0)	JA79968-11	7/1/2011	N	***1030***				5810							
AE-3	19.5 - 20.0 ft	AE-3(19.5-20.0)	JA79968-12	7/1/2011	N	6.4				978							
AE-3	21.5 - 22.0 ft	AE-3(21.5-22.0)	JA79968-13	7/1/2011	N	7.8				311							
AE-3	23.5 - 24.0 ft	AE-3(23.5-24.0)	JA79968-14	7/1/2011	N	< 0.21	U			40.6							
AE-3	25.5 - 26.0 ft	AE-3 (25.5-26.0)	JA80162-1	7/5/2011	N	3.4	J			231	J						
AE-3	27.5 - 28.0 ft	AE-3 (27.5-28.0)	JA80162-2	7/5/2011	N	***49.9***	***J***			63.7	J						
AE-3	29.5 - 30.0 ft	AE-3 (29.5-30.0)	JA80162-3	7/5/2011	N	19.9	J			58.1	J						
AE-3	31.5 - 32.0 ft	AE-3 (31.5-32.0)	JA80162-4	7/5/2011	N	***78.4***	***J***			88.9	J						
AE-3	33.5 - 34.0 ft	AE-3 (33.5-34.0)	JA80162-5	7/5/2011	N	***50.0***	***J***			122	J						
AE-3	35.5 - 36.0 ft	AE-3 (35.5-36.0)	JA80162-6	7/5/2011	N	***55.4***	***J***			64.5	J						
AE-3	41.5 - 42.0 ft	AE-3 (41.5-42.0)	JA80162-7	7/5/2011	N	< 0.26	UJ			25.5	J						
AE-3	45.5 - 46.0 ft	AE-3 (45.5-46.0)	JA80162-8	7/5/2011	N	< 0.22	UJ			29.8	J						
AE-3	49.5 - 50.0 ft	AE-3 (49.5-50.0)	JA80162-9	7/5/2011	N	< 0.23	UJ			29.0	J						
AE-4	1.5 - 2.0 ft	AE-4(1.5-2.0)	JA80285-8	7/7/2011	N	***30.8***	***J***			2290	J						
AE-4	3.5 - 4.0 ft	AE-4(3.5-4.0)	JA80285-12	7/7/2011	N	***85.5***	***J***			8180	J						
AE-4	5.0 - 5.5 ft	AE-4(5.0-5.5)	JA80285-18	7/7/2011	N	***608***	***J***			6660	J						
AE-4	9.5 - 10.0 ft	AE-4(9.5-10.0)	JA81930-1	7/26/2011	N	***235***				2550							
AE-4	11.5 - 12.0 ft	AE-4(11.5-12.0)	JA81930-2	7/26/2011	N	***362***				1970							
AE-4	13.5 - 14.0 ft	AE-4(13.5-14.0)	JA81930-3	7/26/2011	N	***1190***				2380							
AE-4	15.5 - 16.0 ft	AE-4(15.5-16.0)	JA81930-4	7/26/2011	N	***7760***				33000							
AE-4	17.5 - 18.0 ft	AE-4(17.5-18.0)	JA81930-5	7/26/2011	N	***993***				2160							
AE-4	19.5 - 20.0 ft	AE-4(19.5-20.0)	JA81930-6	7/26/2011	N	***3940***				26700							
AE-4	19.5 - 20.0 ft	AE-4-D(19.5-20.0)	JA81930-7	7/26/2011	N	***3350***				20400							
AE-4	21.5 - 22.0 ft	AE-4(21.5-22.0)	JA81930-9	7/26/2011	N	***546***				2040							
AE-4	23.5 - 24.0 ft	AE-4(23.5-24.0)	JA81930-10	7/26/2011	N	***152***				401							
AE-4	25.5 - 26.0 ft	AE-4(25.5-26.0)	JA81930-11	7/26/2011	N	***126***				1230							
AE-4	27.5 - 28.0 ft	AE-4(27.5-28.0)	JA81930-12	7/26/2011	N	***65.6***				595							
AE-4	29.5 - 30.0 ft	AE-4(29.5-30.0)	JA81930-13	7/26/2011	N	***40.9***				240							
AE-4	31.5 - 32.0 ft	AE-4(31.5-32.0)	JA81930-14	7/26/2011	N	***36.5***				211							
AE-4	33.5 - 34.0 ft	AE-4(33.5-34.0)	JA81930-15	7/26/2011	N	***36.3***				556							
AE-4	35.5 - 36.0 ft	AE-4(35.5-36.0)	JA81930-16	7/26/2011	N	***35.7***				352							

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
AE-4	39.5 - 40.0 ft	AE-4(39.5-40.0)	JA82056-2	7/27/2011	N	***35.0***				332							
AE-4	45.5 - 46.0 ft	AE-4(45.5-46.0)	JA82056-3	7/27/2011	N	0.64				26.1							
AE-4	49.5 - 50.0 ft	AE-4(49.5-50.0)	JA82056-4	7/27/2011	N	1.1				32.5							
AE-4	54.5 - 55.0 ft	AE-4(54.5-55.0)	JA82056-5	7/27/2011	N	13.1				129							
AE-4	58.0 - 58.5 ft	AE-4(58.0-58.5)	JA82056-6	7/27/2011	N	3.1				67.5							
AE-5	2.0 - 2.5 ft	AE-5(2.0-2.5)	JA80285-3	7/7/2011	N	***73.1***	***J***			4420	J						
AE-5	3.5 - 4.0 ft	AE-5(3.5-4.0)	JA80285-6	7/7/2011	N	0.60	J			349	J						
AE-5	5.0 - 5.5 ft	AE-5(5.0-5.5)	JA80285-7	7/7/2011	N	***117***	***J***			3580	J						
AE-5	7.5 - 8.0 ft	AE-5 (7.5-8.0)	JA81317-1	7/19/2011	N	***13800***				31500							
AE-5	9.5 - 10.0 ft	AE-5 (9.5-10.0)	JA81317-2	7/19/2011	N	***7320***				14400							
AE-5	11.5 - 12.0 ft	AE-5 (11.5-12.0)	JA81317-3	7/19/2011	N	***26400***				40100							
AE-5	11.5 - 12.0 ft	AE-5-D (11.5-12.0)	JA81317-4	7/19/2011	N	***23700***				38800							
AE-5	13.5 - 14.0 ft	AE-5 (13.5-14.0)	JA81317-5	7/19/2011	N	***18300***				39400							
AE-5	15.5 - 16.0 ft	AE-5 (15.5-16.0)	JA81447-1	7/20/2011	N	***28000***				42500							
AE-5	17.5 - 18.0 ft	AE-5 (17.5-18.0)	JA81447-2	7/20/2011	N	***3750***				9450							
AE-5	19.5 - 20.0 ft	AE-5 (19.5-20.0)	JA81447-3	7/20/2011	N	***1510***				10200							
AE-5	21.5 - 22.0 ft	AE-5 (21.5-22.0)	JA81447-5	7/20/2011	N	***499***				2760							
AE-5	23.5 - 24.0 ft	AE-5 (23.5-24.0)	JA81447-4	7/20/2011	N	***480***				1900							
AE-5	25.5 - 26.0 ft	AE-5 (25.5-26.0)	JA81447-6	7/20/2011	N	***96.6***				927							
AE-5	27.5 - 28.0 ft	AE-5 (27.5-28.0)	JA81447-7	7/20/2011	N	***148***				319							
AE-5	29.5 - 30.0 ft	AE-5 (29.5-30.0)	JA81447-8	7/20/2011	N	***58.3***				185							
AE-5	31.5 - 32.0 ft	AE-5 (31.5-32.0)	JA81447-9	7/20/2011	N	***92.9***				156							
AE-5	33.5 - 34.0 ft	AE-5 (33.5-34.0)	JA81447-10	7/20/2011	N	***124***				232							
AE-5	35.5 - 36.0 ft	AE-5 (35.5-36.0)	JA81447-11	7/20/2011	N	***208***				199							
AE-5	39.5 - 40.0 ft	AE-5 (39.5-40.0)	JA81582-1	7/21/2011	N	***57.4***				181							
AE-5	45.5 - 46.0 ft	AE-5 (45.5-46.0)	JA81582-2	7/21/2011	N	7.5				22.9							
AE-5	49.5 - 50.0 ft	AE-5 (49.5-50.0)	JA81582-3	7/21/2011	N	4.3				37.3							
AE-5	55.5 - 56.0 ft	AE-5 (55.5-56.0)	JA81582-4	7/21/2011	N	***795***				570							
AE-5	59.5 - 60.0 ft	AE-5 (59.5-60.0)	JA81582-5	7/21/2011	N	***188***				308							
ASM-W46A	0.5 - 1.0 ft	ASM-W46A-0.5-1.0	JC25857-28	8/15/2016	N	0.65	J										
ASM-W46A	2.0 - 2.5 ft	ASM-W46A-2.0-2.5	JC25857-35R	8/15/2016	N	0.75	J										
ASM-W46A	4.0 - 4.5 ft	ASM-W46A-4.0-4.5	JC25857-36	8/15/2016	N	0.98	J										
ASM-W46A	6.0 - 6.5 ft	ASM-W46A-6.0-6.5	JC25857-37R	8/15/2016	N	2.2	J										
ASM-W46A	8.0 - 8.5 ft	ASM-W46A-8.0-8.5	JC25857-38R	8/15/2016	N	0.61	J										
ASM-W46A	10.0 - 10.5 ft	ASM-W46A-10.0-10.5	JC25857-29	8/15/2016	N	1.1	J										
ASM-W46A	12.0 - 12.5 ft	ASM-W46A-12.0-12.5	JC25857-30	8/15/2016	N	< 0.33	UJ										
ASM-W46A	14.0 - 14.5 ft	ASM-W46A-14.0-14.5	JC25857-31	8/15/2016	N	< 0.47	UJ										
ASM-W46A	16.0 - 16.5 ft	ASM-W46A-16.0-16.5	JC25857-32R	8/15/2016	N	0.52	J										
ASM-W46A	17.5 - 18.0 ft	ASM-W46A-17.5-18.0	JC25857-33	8/15/2016	N	0.75	J										
ASM-W46A	18.0 - 18.5 ft	ASM-W46A-18.0-18.5	JC25857-34R	8/15/2016	N	0.76	J										
ASM-X44A	1.0 - 1.5 ft	ASM-X44A-1.0-1.5	JC26005-2	8/17/2016	N	2.2	RA										
ASM-X44A	3.0 - 3.5 ft	ASM-X44A-3.0-3.5	JC26005-7	8/17/2016	N	0.74	RA										
ASM-X44A	5.0 - 5.5 ft	ASM-X44A-5.0-5.5	JC26005-8	8/17/2016	N	0.70	RA										
ASM-X44A	6.0 - 6.5 ft	ASM-X44A-6.0-6.5	JC26005-9	8/17/2016	N	3.9	RA										

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Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ASM-X44A	8.0 - 8.5 ft	ASM-X44A-8.0-8.5	JC26005-10	8/17/2016	N	0.51	RA										
ASM-X44A	10.0 - 10.5 ft	ASM-X44A-10.0-10.5	JC26005-3R	8/17/2016	N	0.14	RA										
ASM-X44A	12.0 - 12.5 ft	ASM-X44A-12.0-12.5	JC26005-4	8/17/2016	N	1.7	RA										
ASM-X44A	13.5 - 14.0 ft	ASM-X44A-13.5-14.0	JC26005-5	8/17/2016	N	1.0	RA										
ASM-X44A	14.0 - 14.5 ft	ASM-X44A-14.0-14.5	JC26005-6	8/17/2016	N	1.2	RA										
ASM-Y44A	0.0 - 0.5 ft	ASM-Y44A-0.0-0.5	JC25920-27R	8/16/2016	N	9.7	J										
ASM-Y44A	2.0 - 2.5 ft	ASM-Y44A-2.0-2.5	JC25920-33	8/16/2016	N	6.2	J										
ASM-Y44A	4.0 - 4.5 ft	ASM-Y44A-4.0-4.5	JC25920-34	8/16/2016	N	12.8	J										
ASM-Y44A	6.0 - 6.5 ft	ASM-Y44A-6.0-6.5	JC25920-35	8/16/2016	N	0.75	J										
ASM-Y44A	8.0 - 8.5 ft	ASM-Y44A-8.0-8.5	JC25920-36	8/16/2016	N	0.74	J										
ASM-Y44A	10.0 - 10.5 ft	ASM-Y44A-10.0-10.5	JC25920-28	8/16/2016	N	0.38	J										
ASM-Y44A	12.0 - 12.5 ft	ASM-Y44A-12.0-12.5	JC25920-29	8/16/2016	N	0.35	J										
ASM-Y44A	14.0 - 14.5 ft	ASM-Y44A-14.0-14.5	JC25920-30R	8/16/2016	N	0.61	J										
ASM-Y44A	15.5 - 16.0 ft	ASM-Y44A-15.5-16.0	JC25920-31R	8/16/2016	N	0.45	J										
ASM-Y44A	16.0 - 16.5 ft	ASM-Y44A-16.0-16.5	JC25920-32R	8/16/2016	N	1.5	J										
BC8	0.5 - 1.0 ft	BC8S0.5-1	669416	9/3/2003	N	***27***	***J***	3.9	BJ	737		90.8	J	< 1.8	U	8.6	J
BC8	1.0 - 1.5 ft	BC8S1-1.5	669421	9/3/2003	N	***78.5***	***J***	**33.5**		6170		171	J			5.7	J
BC8	1.0 - 1.5 ft	BC8S1-1.5)	707964	9/3/2003	N									0.68			
BC8	1.5 - 2.0 ft	BC8S1.5-2	669419	9/3/2003	N	***144***	***J***	12.4		2260		11.5	J			3.4	J
BC8	1.5 - 2.0 ft	BC8S1.5-2)	707963	9/3/2003	N									< 0.2	U		
BC8	7.0 - 7.5 ft	BC8DS7-7.5	669433	9/3/2003	FD	< 6.13	U	18.5		2770		25.6	J			25.4	J
BC8	7.0 - 7.5 ft	BC8S7-7.5	669432	9/3/2003	N	< 6.02	U	20.5		3280		27	J			19	J
BC8	7.0 - 7.5 ft	BC8S7-7.5)	707965	9/3/2003	N									0.32	J		
BC8	7.0 - 7.5 ft	BC8-S7-7.5)D	708424	9/3/2003	FD									< 0.25	U		
BC8	9.0 - 9.5 ft	BC8DS9-9.5	669429	9/3/2003	FD	< 5.47	U	< 0.51	U	29.1		14.4	J	< 0.47	U	37.3	J
BC8	9.0 - 9.5 ft	BC8S9-9.5	669423	9/3/2003	N	< 5.59	U	< 0.51	U	34.7		16.9	J	< 0.47	U	39.1	J
C9V	25.0 - 25.5 ft	114-C9VA 25-25.5	J11857-11	10/6/2005	N	19.2											
CAR-PDI-AA19A	0.5 - 1.0 ft	CAR-PDI-AA19A-0.5-1.0	JC22070-2A	6/13/2016	N			< 1.0	UJ	2890		159		1.9	J	273	
CAR-PDI-AA19A	2.0 - 2.5 ft	CAR-PDI-AA19A-2.0-2.5	JC22070-9A	6/13/2016	N			< 1.0	UJ	3030		73.5		1.4	J	46.8	
CAR-PDI-AA19A	4.0 - 4.5 ft	CAR-PDI-AA19A-4.0-4.5	JC22070-10A	6/13/2016	N			< 0.31	UJ	14.1		6.4		< 0.43	U	16.2	
CAR-PDI-AA19A	6.0 - 6.5 ft	CAR-PDI-AA19A-6.0-6.5	JC22070-11A	6/13/2016	N			5.1	J	23.4		24.5		< 0.51	U	30.4	
CAR-PDI-AA19A	8.0 - 8.5 ft	CAR-PDI-AA19A-8.0-8.5	JC22070-12A	6/13/2016	N			< 0.34	UJ	17.1		11.1		< 0.46	U	25.1	
CAR-PDI-AA19A	10.0 - 10.5 ft	CAR-PDI-AA19A-10.0-10.5	JC22070-3A	6/13/2016	N			< 0.30	UJ	19.4		12.3		< 0.41	U	30.6	
CAR-PDI-AA19A	10.0 - 10.5 ft	CAR-PDI-AA19A-10.0-10.5X	JC22070-4A	6/13/2016	FD			0.43	J	17.6		10.6		< 0.41	U	24.6	
CAR-PDI-AA19A	12.0 - 12.5 ft	CAR-PDI-AA19A-12.0-12.5	JC22070-5A	6/13/2016	N			< 0.36	UJ	15.7		13.3		< 0.49	U	28.4	
CAR-PDI-AA19A	14.0 - 14.5 ft	CAR-PDI-AA19A-14.0-14.5	JC22070-6A	6/13/2016	N			< 0.35	UJ	13.4		8.9		< 0.48	U	24.3	
CAR-PDI-AA19A	14.7 - 15.2 ft	CAR-PDI-AA19A-14.7-15.2	JC22070-7A	6/13/2016	N			< 0.35	UJ	13.3		9.9		< 0.47	U	21.7	
CAR-PDI-AA19A	15.2 - 15.7 ft	CAR-PDI-AA19A-15.2-15.7	JC22070-8A	6/13/2016	N			< 0.29	UJ	23.1	J	20.4	J	< 0.40	UJ	40.9	J
CAR-PDI-BB20A	10.0 - 10.5 ft	CAR-PDI-BB20A-10.0-10.5	JC21933-2R	6/10/2016	N	0.41	J										
CAR-PDI-CC21A	2.0 - 2.5 ft	CAR-PDI-CC21A-2.0-2.5	JC21870-15	6/9/2016	N	0.50	J										
CAR-PDI-CC21A	4.0 - 4.5 ft	CAR-PDI-CC21A-4.0-4.5	JC21870-16	6/9/2016	N	0.53	J										
CAR-PDI-CC21A	8.0 - 8.5 ft	CAR-PDI-CC21A-8.0-8.5	JC21870-17	6/9/2016	N	0.51	J										
CAR-PDI-CC21A	11.0 - 11.5 ft	CAR-PDI-CC21A-11.0-11.5	JC21870-13	6/9/2016	N	0.48	J										
CAR-PDI-CC21A	11.5 - 12.0 ft	CAR-PDI-CC21A-11.5-12.0	JC21870-14	6/9/2016	N	1.8	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CAR-PDI-EE20A	0.3 - 0.8 ft	CAR-PDI-EE20A-0.3-0.8	JC22160-2	6/14/2016	N	5.2	J										
CAR-PDI-EE20A	2.0 - 2.5 ft	CAR-PDI-EE20A-2.0-2.5	JC22160-8R	6/14/2016	N	7.6	J										
CAR-PDI-EE20A	4.0 - 4.5 ft	CAR-PDI-EE20A-4.0-4.5	JC22160-9	6/14/2016	N	0.49	J										
CAR-PDI-EE20A	6.0 - 6.5 ft	CAR-PDI-EE20A-6.0-6.5	JC22160-10R	6/14/2016	N	0.47	J										
CAR-PDI-EE20A	8.0 - 8.5 ft	CAR-PDI-EE20A-8.0-8.5	JC22160-11	6/14/2016	N	< 0.54	UJ										
CAR-PDI-EE20A	10.0 - 10.5 ft	CAR-PDI-EE20A-10.0-10.5	JC22160-3	6/14/2016	N	< 0.34	UJ										
CAR-PDI-EE20A	12.0 - 12.5 ft	CAR-PDI-EE20A-12.0-12.5	JC22160-7	6/14/2016	N	0.39	J										
CAR-PDI-EE20A	14.0 - 14.5 ft	CAR-PDI-EE20A-14.0-14.5	JC22160-6	6/14/2016	N	< 0.34	UJ										
CAR-PDI-EE20A	15.0 - 15.5 ft	CAR-PDI-EE20A-15.0-15.5	JC22160-4	6/14/2016	N	0.88	J										
CAR-PDI-EE20A	15.5 - 16.0 ft	CAR-PDI-EE20A-15.5-16.0	JC22160-5	6/14/2016	N	5.3	J										
CAR-PDI-EE21A	10.5 - 11.0 ft	CAR-PDI-EE21A-10.5-11.0	JC21681-2R	6/7/2016	N	1.9	J										
CAR-PDI-EE21A	11.0 - 11.5 ft	CAR-PDI-EE21A-11.0-11.5	JC21681-3	6/7/2016	N	2.2	J										
CAR-PDI-FF21A	0.7 - 1.2 ft	CAR-PDI-FF21A-0.7-1.2	JC21681-4R	6/7/2016	N	8.7	J										
CAR-PDI-FF21A	2.0 - 2.5 ft	CAR-PDI-FF21A-2.0-2.5	JC21681-9R	6/7/2016	N	0.78	J										
CAR-PDI-FF21A	4.0 - 4.5 ft	CAR-PDI-FF21A-4.0-4.5	JC21681-10R	6/7/2016	N	0.92	J										
CAR-PDI-FF21A	6.0 - 6.5 ft	CAR-PDI-FF21A-6.0-6.5	JC21681-11	6/7/2016	N	< 0.36	UJ										
CAR-PDI-FF21A	8.0 - 8.5 ft	CAR-PDI-FF21A-8.0-8.5	JC21681-12R	6/7/2016	N	0.75	J										
CAR-PDI-FF21A	10.0 - 10.5 ft	CAR-PDI-FF21A-10.0-10.5	JC21681-5	6/7/2016	N	1.6	J										
CAR-PDI-FF21A	12.0 - 12.5 ft	CAR-PDI-FF21A-12.0-12.5	JC21681-6R	6/7/2016	N	2.0	J										
CAR-PDI-FF21A	13.0 - 13.5 ft	CAR-PDI-FF21A-13.0-13.5	JC21681-7R	6/7/2016	N	0.82	J										
CAR-PDI-FF21A	13.5 - 14.0 ft	CAR-PDI-FF21A-13.5-14.0	JC21681-8	6/7/2016	N	< 0.62	UJ										
EF-03	0.5 - 1.0 ft	EF-B03-0.5	460-25190-1	4/11/2011	N	< 0.54	U										
EF-03	2.0 - 2.5 ft	EF-B03-2.0	460-25190-2	4/11/2011	N	< 0.56	U										
EF-03	2.5 - 3.0 ft	EF-B03-2.5	460-25190-3	4/11/2011	N			< 0.94	UJ	35.9		19.8		< 1.0	U	23.4	
EF-03	4.0 - 4.5 ft	EF-B03-4.0	460-25190-4	4/11/2011	N	2.7											
EF-03	6.0 - 6.5 ft	EF-B03-6.0	460-25254-1	4/12/2011	N	0.60	J										
EF-03	7.5 - 8.0 ft	EF-B03-7.5	460-25254-2	4/12/2011	N			< 0.96	UJ	21.2		9.6		< 1.1	U	19.1	
EF-03	8.0 - 8.5 ft	EF-B03-8.0	460-25254-4	4/12/2011	N	5.0											
EF-03	10.0 - 10.5 ft	EF-B03-10.0	460-25254-3	4/12/2011	N	< 0.53	U										
EF-03	12.0 - 12.5 ft	EF-B03-12.0	460-25254-5	4/12/2011	N	2.1	J	< 0.95	UJ	18.1		6.3	J	< 1.0	U	17.9	
EF-03	16.0 - 16.5 ft	EF-B03-16.0	460-25254-6	4/12/2011	N	< 0.56	U	< 0.95	UJ	104		16.6		< 1.0	U	34.1	
EF-03	22.0 - 22.5 ft	EF-B03-22.0	460-25254-7	4/12/2011	N	4.0		< 1.0	UJ	233		7.2	J	< 1.2	U	20.7	
EF-03	27.0 - 27.5 ft	EF-B03-27.0	460-25254-8	4/12/2011	N	< 0.64	U	< 1.1	UJ	291		8.3	J	< 1.2	U	21.3	
EF-04	0.5 - 1.0 ft	EF-B04-0.5	460-25190-5	4/11/2011	N	1.8	J										
EF-04	2.0 - 2.5 ft	EF-B04-2.0	460-25190-6	4/11/2011	N	1.8	J										
EF-04	2.5 - 3.0 ft	EF-B04-2.5	460-25190-7	4/11/2011	N			< 0.97	UJ	14.2		7.4	J	< 1.1	U	17.7	
EF-04	4.0 - 4.5 ft	EF-B04-4.0	460-25190-8	4/11/2011	N	< 0.55	U										
EF-04B	0.5 - 1.0 ft	EF-B04B-0.5	460-25350-11	4/14/2011	N	6.9											
EF-04B	2.5 - 3.0 ft	EF-B04B-2.5	460-25350-12	4/14/2011	N	< 0.55	U	< 0.96	U	59.9	J	29.8	J	< 1.1	U	23.4	
EF-04B	4.0 - 4.5 ft	EF-B04B-4.0	460-25350-13	4/14/2011	N	< 0.55	U										
EF-05	0.5 - 1.0 ft	EF-B05-0.5	460-25190-9	4/11/2011	N	***20.4***											
EF-05	2.0 - 2.5 ft	EF-B05-2.0	460-25190-10	4/11/2011	N	18.2											
EF-05	2.5 - 3.0 ft	EF-B05-2.5	460-25190-11	4/11/2011	N			< 1.0	UJ	759		19.4		< 1.1	U	11.6	
EF-05	4.0 - 4.5 ft	EF-B05-4.0	460-25254-9	4/12/2011	N	8.4											

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-05	6.0 - 6.5 ft	EF-B05-6.0	460-25301-6	4/13/2011	N	0.66	J										
EF-05	10.0 - 10.5 ft	EF-B05-10.0	460-25301-7	4/13/2011	N	< 0.71	U										
EF-05	22.5 - 23.0 ft	EF-B05-22.5	460-25301-10	4/13/2011	N	< 0.56	U	< 0.98	U	12.4	J	8.6	J	< 1.1	U	15.5	
EF-06	0.5 - 1.0 ft	EF-B06-0.5	460-25254-10	4/12/2011	N	1.4	J										
EF-06	2.0 - 2.5 ft	EF-B06-2.0	460-25254-11	4/12/2011	N	< 0.59	U										
EF-06	2.5 - 3.0 ft	EF-B06-2.5	460-25254-12	4/12/2011	N			4.3	J	334		27.0		< 1.2	U	51.5	
EF-06	4.0 - 4.5 ft	EF-B06-4.0	460-25254-13	4/12/2011	N	1.0	J										
EF-06	6.0 - 6.5 ft	EF-B06-6.0	460-25301-1	4/13/2011	N	< 0.61	U	< 1.1	U	42.1	J	14.1		< 1.2	U	23.7	
EF-06	10.0 - 10.5 ft	EF-B06-10.0	460-25301-2	4/13/2011	N	< 0.60	U										
EF-06	12.0 - 12.5 ft	EF-B06-12.0	460-25301-3	4/13/2011	N	***32.4***		< 1.0	U	91.9	J	8.9	J	< 1.1	U	15.5	
EF-06	17.0 - 17.5 ft	EF-B06-17.0	460-25301-4	4/13/2011	N	***44.8***		< 1.0	U	87.7	J	13.5		< 1.1	U	20.0	
EF-06	22.0 - 22.5 ft	EF-B06-22.0	460-25301-5	4/13/2011	N	***98.8***		< 1.1	U	129	J	8.7	J	< 1.2	U	16.3	
EF-07	0.6 - 1.1 ft	EF-B07-0.6	460-25301-11	4/13/2011	N	< 0.52	U										
EF-07	2.0 - 2.5 ft	EF-B07-2.0	460-25301-12	4/13/2011	N	< 0.64	U										
EF-07	2.5 - 3.0 ft	EF-B07-2.5	460-25301-13	4/13/2011	N											234	
EF-07	4.0 - 4.5 ft	EF-B07-4.0	460-25301-14	4/13/2011	N	< 0.55	U										
EF-07	6.0 - 6.5 ft	EF-B07-6.0	460-25350-1	4/14/2011	N	< 0.58	U									20.4	
EF-07	11.0 - 11.5 ft	EF-B07-11.0	460-25350-2	4/14/2011	N											28.1	
EF-07	17.0 - 17.5 ft	EF-B07-17.0	460-25350-3	4/14/2011	N											13.8	
EF-07	22.0 - 22.5 ft	EF-B07-22.0	460-25350-4	4/14/2011	N											8.5	J
EF-08	0.5 - 1.0 ft	EF-B08-0.5	460-25301-15	4/13/2011	N	< 0.66	U										
EF-08	2.0 - 2.5 ft	EF-B08-2.0	460-25301-16	4/13/2011	N	< 0.68	U										
EF-08	2.5 - 3.0 ft	EF-B08-2.5	460-25301-17	4/13/2011	N											74.2	
EF-08	4.0 - 4.5 ft	EF-B08-4.0	460-25301-18	4/13/2011	N	< 0.73	U										
EF-08	6.0 - 6.5 ft	EF-B08-6.0	460-25350-5	4/14/2011	N	< 0.60	U										
EF-08	7.0 - 7.5 ft	EF-B08-7.0	460-25350-6	4/14/2011	N											17.8	
EF-08	12.0 - 12.5 ft	EF-B08-12.0	460-25350-7	4/14/2011	N											12.5	
EF-08	17.0 - 17.5 ft	EF-B08-17.0	460-25350-8	4/14/2011	N											7.5	J
EF-08	22.0 - 22.5 ft	EF-B08-22.0	460-25350-9	4/14/2011	N											14.9	
EF-09	0.5 - 1.0 ft	EF-B09-0.5	460-25350-14	4/14/2011	N	0.72	J										
EF-09	2.0 - 2.5 ft	EF-B09-2.0	460-25350-15	4/14/2011	N	< 0.64	U										
EF-09	2.5 - 3.0 ft	EF-B09-2.5	460-25350-16	4/14/2011	N			< 1.1	U	13.7	J	10.2	J	< 1.2	U	19.8	
EF-09	2.5 - 3.0 ft	EF-B09-2.5X	460-25350-17	4/14/2011	FD			< 1.0	U	15.4	J	11.9	J	< 1.1	U	21.3	
EF-09	4.0 - 4.5 ft	EF-B09-4.0	460-25350-18	4/14/2011	N	< 0.65	U										
EF-09	4.0 - 4.5 ft	EF-B09-4.0X	460-25350-19	4/14/2011	FD	< 0.67	U										
EF-09	6.5 - 7.0 ft	EF-B09-6.5	460-25416-1	4/15/2011	N	< 0.61	U										
EF-09	7.5 - 8.0 ft	EF-B09-7.5	460-25416-2	4/15/2011	N			< 1.0	U	12.9		9.5		< 1.1	U	22.8	
EF-09	10.0 - 10.5 ft	EF-B09-10.0	460-25416-3	4/15/2011	N	< 0.61	U										
EF-09	12.5 - 13.0 ft	EF-B09-12.5	460-25416-4	4/15/2011	N	10.9		< 1.0	U	15.0		9.4		< 1.1	U	22.5	
EF-09	17.5 - 18.0 ft	EF-B09-17.5	460-25416-5	4/15/2011	N	< 0.56	U	< 0.97	U	8.8		7.1	J	< 1.1	U	16.5	
EF-09	21.0 - 21.5 ft	EF-B09-21.0	460-25416-6	4/15/2011	N	< 0.55	U	< 0.92	U	11.0		8.0	J	< 1.0	U	15.9	
EF-10	1.0 - 1.5 ft	EF-B10-1.0	460-25350-20	4/14/2011	N	2.2	J										
EF-10	2.5 - 3.0 ft	EF-B10-2.5	460-25350-21	4/14/2011	N	< 0.56	U										
EF-10	4.0 - 4.5 ft	EF-B10-4.0	460-25350-22	4/14/2011	N	< 0.66	U										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-10	6.0 - 6.5 ft	EF-B10-6.0	460-25416-7	4/15/2011	N	< 0.83	U										
EF-10	10.0 - 10.5 ft	EF-B10-10.0	460-25416-8	4/15/2011	N	< 0.64	U										
EF-10	15.0 - 15.5 ft	EF-B10-15.0	460-25416-9	4/15/2011	N	< 0.68	U										
EF-10	16.5 - 17.0 ft	EF-B10-16.5	460-25416-11	4/15/2011	N	< 0.62	U							< 1.2	U		
EF-10	21.5 - 22.0 ft	EF-B10-21.5	460-25416-12	4/15/2011	N	< 0.60	U							< 1.2	U		
EF-100	0.5 - 1.0 ft	EF-B100-0.5-1.0	JB15380-7	9/4/2012	N	***21.8***	***J***										
EF-100	2.5 - 3.0 ft	EF-B100-2.5-3.0	JB15380-6	9/4/2012	N	0.54	J										
EF-101	2.0 - 2.5 ft	EF-B101-2.0-2.5	JB15645-8	9/6/2012	N			**62.7**									
EF-101	17.7 - 18.2 ft	EF-B101-17.7-18.2	JB15786-7	9/7/2012	N	1.9	J										
EF-101	20.0 - 20.5 ft	EF-B101-20.0-20.5	JB15786-6	9/7/2012	N	0.42	J										
EF-102	17.6 - 18.1 ft	EF-B102-17.6-18.1	JB15786-5R	9/7/2012	N	0.88	J										
EF-102	20.0 - 20.5 ft	EF-B102-20.0-20.5	JB15786-4	9/7/2012	N	0.48	J										
EF-103	0.5 - 1.0 ft	EF-B103-0.5-1.0	JB15645-7	9/6/2012	N							166					
EF-103	11.0 - 11.5 ft	EF-B103-11.0-11.5	JB15645-6R	9/6/2012	N	< 0.21	UJ										
EF-103	15.0 - 15.5 ft	EF-B103-15.0-15.5	JB15645-5	9/6/2012	N	1.5	J										
EF-103	17.0 - 17.5 ft	EF-B103-17.0-17.5	JB15645-4	9/6/2012	N	2.0	J										
EF-103	21.0 - 21.5 ft	EF-B103-21.0-21.5	JB15645-3R	9/6/2012	N	< 0.14	UJ										
EF-103	22.6 - 23.1 ft	EF-B103-22.6-23.1	JB15645-2R	9/6/2012	N	0.41	J										
EF-104	0.3 - 0.8 ft	EF-B104-0.3-0.8	JB16686-2A	9/18/2012	N							48.3					
EF-105	7.5 - 8.1 ft	EF-B105-7.5-8.1	JB16686-6R	9/18/2012	N	0.16	J										
EF-105	10.0 - 10.5 ft	EF-B105-10.0-10.5	JB16686-5	9/18/2012	N	< 0.15	UJ										
EF-107	0.5 - 1.0 ft	EF-B107-0.5-1.0	JB16184-5	9/12/2012	N							25.2					
EF-107	2.0 - 2.5 ft	EF-B107-2.0-2.5	JB16184-4	9/12/2012	N	0.79	J										
EF-107	4.0 - 4.5 ft	EF-B107-4.0-4.5	JB16184-3R	9/12/2012	N	0.54	J										
EF-108	1.0 - 1.5 ft	EF-B108-1.0-1.5	JB15919-4	9/10/2012	N	0.46	J	2.3				19.4					
EF-108	1.0 - 1.5 ft	EF-B108-1.0-1.5X	JB15919-5	9/10/2012	FD	1.5		1.6	J			20.0					
EF-108	2.0 - 2.5 ft	EF-B108-2.0-2.5	JB15919-6	9/10/2012	N	0.61											
EF-109	1.0 - 1.5 ft	EF-B109-1.0-1.5	JB15988-14	9/11/2012	N	0.73	J	1.0	J			15.4					
EF-11	0.5 - 1.0 ft	EF-11-0.5	460-26239-10	5/6/2011	N	2.3	J										
EF-11	2.0 - 2.5 ft	EF-11-2.0	460-26239-11	5/6/2011	N	< 0.59	UJ										
EF-11	2.5 - 3.0 ft	EF-11-2.5	460-26239-13	5/6/2011	N			8.0	J	6.7		6.4	J	< 1.1	U	9.7	J
EF-11	4.0 - 4.5 ft	EF-11-4.0	460-26239-12	5/6/2011	N	< 0.54	UJ										
EF-11	6.0 - 6.5 ft	EF-B11-6.0	460-26277-6	5/9/2011	N	< 0.63	UJ	1.6	J	16.1		20.6		< 1.2	U	24.6	
EF-11	10.5 - 11.0 ft	EF-B11-10.5	460-26277-7	5/9/2011	N	< 0.68	UJ	1.8	J	20.5		20.7		< 1.3	U	24.2	
EF-11	15.0 - 15.5 ft	EF-B11-15.0	460-26277-8	5/9/2011	N	< 0.67	UJ										
EF-11	17.5 - 18.0 ft	EF-B11-17.5	460-26277-9	5/9/2011	N			< 1.5	UJ	15.3		12.0	J	< 1.7	U	18.4	
EF-11	22.0 - 22.5 ft	EF-B11-22.0	460-26277-10	5/9/2011	N	< 0.57	UJ	< 1.0	UJ	21.6		18.8		< 1.1	U	31.2	
EF-11	22.0 - 22.5 ft	EF-B11-22.0X	460-26277-11	5/9/2011	FD	< 0.58	UJ										
EF-110	0.2 - 0.7 ft	EF-B110-0.2-0.7	JB15988-2	9/11/2012	N							32.3					
EF-110A	0.8 - 1.3 ft	EF110A-0.8-1.3	JB97556-3	6/20/2015	N	0.43	J										
EF-110A	0.8 - 1.3 ft	EF110A-0.8-1.3	JB97556-3A	6/20/2015	N			1.4	J	16.1		23.2		< 1.1	U	17.7	
EF-110A	2.0 - 2.5 ft	EF110A-2.0-2.5	JB97556-4	6/20/2015	N	< 0.22	U										
EF-110A	2.0 - 2.5 ft	EF110A-2.0-2.5	JB97556-4A	6/20/2015	N			< 0.36	U	16.4		14.7		< 0.22	U	24.4	
EF-110A	3.0 - 3.5 ft	EF110A-3.0-3.5	JB97556-5	6/20/2015	N	< 0.23	U										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-110A	3.0 - 3.5 ft	EF110A-3.0-3.5	JB97556-5A	6/20/2015	N			< 0.38	U	16.5		14.6		< 0.23	U	27.1	
EF-110A	5.0 - 5.5 ft	EF110A-5.0-5.5	JB97556-6	6/20/2015	N	0.33	J										
EF-110A	5.0 - 5.5 ft	EF110A-5.0-5.5	JB97556-6A	6/20/2015	N			< 0.39	U	14.5		18.1		< 0.24	U	19.8	
EF-110A	7.0 - 7.5 ft	EF110A-7.0-7.5	JB97556-7	6/20/2015	N	0.33	J										
EF-110A	7.0 - 7.5 ft	EF110A-7.0-7.5	JB97556-7A	6/20/2015	N			< 0.37	U	18.0		13.2		< 0.23	U	30.6	
EF-110A	8.0 - 8.5 ft	EF110A-8.0-8.5	JB97556-8	6/20/2015	N	< 0.23	U										
EF-110A	8.0 - 8.5 ft	EF110A-8.0-8.5	JB97556-8A	6/20/2015	N			< 0.35	U	16.9		12.7		< 0.21	U	27.9	
EF-110A	10.0 - 10.5 ft	EF110A-10.0-10.5	JB97556-11	6/20/2015	N	0.99											
EF-110A	10.0 - 10.5 ft	EF110A-10.0-10.5	JB97556-11A	6/20/2015	N			< 0.37	UJ	20.7		13.5		< 0.23	U	28.9	
EF-110A	12.0 - 12.5 ft	EF110A-12.0-12.5	JB97556-12	6/20/2015	N	***20.8***											
EF-110A	12.0 - 12.5 ft	EF110A-12.0-12.5	JB97556-12A	6/20/2015	N			< 0.35	U	95.9		12.7		< 0.22	U	23.2	
EF-110A	12.0 - 12.5 ft	EF110A-12.0-12.5X	JB97556-13	6/20/2015	FD	17.1											
EF-110A	12.0 - 12.5 ft	EF110A-12.0-12.5X	JB97556-13A	6/20/2015	FD			< 0.34	U	87.7		8.6		< 0.21	U	16.2	
EF-110A	14.0 - 14.5 ft	EF110A-14.0-14.5	JB97556-14	6/20/2015	N	17.6											
EF-110A	14.0 - 14.5 ft	EF110A-14.0-14.5	JB97556-14A	6/20/2015	N			< 0.36	U	93.9		11.9		< 0.22	U	22.9	
EF-110A	16.0 - 16.5 ft	EF110A-16.0-16.5	JB97556-15	6/20/2015	N	11.4											
EF-110A	16.0 - 16.5 ft	EF110A-16.0-16.5	JB97556-15A	6/20/2015	N			< 0.35	U	230		6.1		< 0.21	U	13.3	
EF-110A	18.0 - 18.5 ft	EF110A-18.0-18.5	JB97556-16A	6/20/2015	N			< 0.36	U	97.8		4.9		< 0.22	U	11.9	
EF-110A	18.0 - 18.5 ft	EF110A-18.0-18.5	JB97556-16R	6/20/2015	N	11.2											
EF-110A	20.0 - 20.5 ft	EF110A-20.0-20.5	JB97556-19A	6/20/2015	N			< 0.39	U	102		4.5	J	< 0.24	U	12.0	
EF-110A	20.0 - 20.5 ft	EF110A-20.0-20.5	JB97556-19R	6/20/2015	N	***34.7***											
EF-110A	22.0 - 22.5 ft	EF110A-22.0-22.5	JB97556-20	6/20/2015	N	***77.5***	***J***										
EF-110A	22.0 - 22.5 ft	EF110A-22.0-22.5	JB97556-20A	6/20/2015	N			< 0.39	U	143		3.8	J	< 0.24	U	8.6	
EF-110A	24.0 - 24.5 ft	EF110A-24.0-24.5	JB97556-21	6/20/2015	N	***42.3***	***J***										
EF-110A	24.0 - 24.5 ft	EF110A-24.0-24.5	JB97556-21A	6/20/2015	N			< 0.36	UJ	88.4		3.8	J	< 0.22	U	8.4	
EF-110A	26.0 - 26.5 ft	EF110A-26.0-26.5	JB97556-22	6/20/2015	N	***22.3***	***J***										
EF-110A	26.0 - 26.5 ft	EF110A-26.0-26.5	JB97556-22A	6/20/2015	N			< 0.37	UJ	49.4		3.5	J	< 0.23	U	8.3	
EF-110A	28.0 - 28.5 ft	EF110A-28.0-28.5	JB97556-23	6/20/2015	N	***29.0***	***J***										
EF-110A	28.0 - 28.5 ft	EF110A-28.0-28.5	JB97556-23A	6/20/2015	N			< 0.35	UJ	44.1		3.4	J	< 0.22	U	8.1	
EF-110A	30.0 - 30.5 ft	EF110A-30.0-30.5	JB97556-28A	6/20/2015	N			< 0.39	UJ	27.2		11.5		< 0.24	U	15.4	
EF-110A	30.0 - 30.5 ft	EF110A-30.0-30.5	JB97556-28R	6/20/2015	N	1.6											
EF-110A	32.0 - 32.5 ft	EF110A-32.0-32.5	JB97556-29A	6/20/2015	N			< 0.41	UJ	14.0		5.2		< 0.25	U	11.5	
EF-110A	32.0 - 32.5 ft	EF110A-32.0-32.5	JB97556-29R	6/20/2015	N	0.67											
EF-110A	34.0 - 34.5 ft	EF110A-34.0-34.5	JB97556-30	6/20/2015	N	0.40	J										
EF-110A	34.0 - 34.5 ft	EF110A-34.0-34.5	JB97556-30A	6/20/2015	N			< 0.40	UJ	6.3		3.7	J	< 0.24	U	10.2	
EF-110A	36.0 - 36.5 ft	EF110A-36.0-36.5	JB97556-31	6/20/2015	N	0.38	J										
EF-110A	36.0 - 36.5 ft	EF110A-36.0-36.5	JB97556-31A	6/20/2015	N			< 0.38	UJ	10.0		8.2		< 0.23	U	12.9	
EF-110A	38.0 - 38.5 ft	EF110A-38.0-38.5	JB97556-32	6/20/2015	N	< 0.23	UJ										
EF-110A	38.0 - 38.5 ft	EF110A-38.0-38.5	JB97556-32A	6/20/2015	N			< 0.37	UJ	8.2		6.2		< 0.23	U	11.8	
EF-110A	39.5 - 40.0 ft	EF110A-39.5-40.0	JB97556-33	6/20/2015	N	0.38	J										
EF-110A	39.5 - 40.0 ft	EF110A-39.5-40.0	JB97556-33A	6/20/2015	N			< 0.37	UJ	8.5		6.2		< 0.23	U	13.1	
EF-111	0.1 - 0.6 ft	EF-B111-0.1-0.6	JB15988-12	9/11/2012	N							31.4					
EF-111	6.0 - 6.5 ft	EF-B111-6.0-6.5	JB15988-11	9/11/2012	N	0.72	J										
EF-111	7.5 - 8.0 ft	EF-B111-7.5-8.0	JB15988-10	9/11/2012	N	***33.9***	***J***										

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Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-111	11.0 - 11.5 ft	EF-B111-11.0-11.5	JB15988-9	9/11/2012	N		***46.7***	***J***										
EF-111	13.0 - 13.5 ft	EF-B111-13.0-13.5	JB15988-8	9/11/2012	N		***22.2***	***J***										
EF-111	15.0 - 15.5 ft	EF-B111-15.0-15.5	JB15988-7	9/11/2012	N		***57.6***	***J***										
EF-111	17.0 - 17.5 ft	EF-B111-17.0-17.5	JB15988-6	9/11/2012	N		***41.9***	***J***										
EF-111	20.0 - 20.5 ft	EF-B111-20.0-20.5	JB15988-5	9/11/2012	N		***45.2***	***J***										
EF-111	22.4 - 22.9 ft	EF-B111-22.4-22.9	JB15988-4	9/11/2012	N		***63.2***	***J***										
EF-111	25.0 - 25.5 ft	EF-B111-25.0-25.5	JB15988-3	9/11/2012	N		***59.8***	***J***										
EF-111A	0.4 - 0.9 ft	EF-111A-0.4-0.9	JB98041-3	6/27/2015	N		3.7											
EF-111A	0.4 - 0.9 ft	EF-111A-0.4-0.9	JB98041-3A	6/27/2015	N				1.3	J	59.4		21.0		< 1.2	U	18.3	
EF-111A	2.0 - 2.5 ft	EF-111A-2.0-2.5	JB98041-4	6/27/2015	N		< 0.22	U										
EF-111A	2.0 - 2.5 ft	EF-111A-2.0-2.5	JB98041-4A	6/27/2015	N				< 0.35	UJ	23.3		12.9		0.35	J	49.8	
EF-111A	3.0 - 3.5 ft	EF-111A-3.0-3.5	JB98041-5	6/27/2015	N		< 0.24	U										
EF-111A	3.0 - 3.5 ft	EF-111A-3.0-3.5	JB98041-5A	6/27/2015	N				< 0.32	UJ	16.1		15.2		0.72	J	19.3	
EF-111A	5.0 - 5.5 ft	EF-111A-5.0-5.5	JB98041-6	6/27/2015	N		< 0.25	U										
EF-111A	5.0 - 5.5 ft	EF-111A-5.0-5.5	JB98041-6A	6/27/2015	N				< 0.31	UJ	14.1		18.2		0.58	J	17.8	
EF-111A	5.0 - 5.5 ft	EF-111A-5.0-5.5X	JB98041-7	6/27/2015	FD		< 0.24	U										
EF-111A	5.0 - 5.5 ft	EF-111A-5.0-5.5X	JB98041-7A	6/27/2015	FD				< 0.32	UJ	15.6		17.0		0.48	J	17.6	
EF-111A	7.0 - 7.5 ft	EF-111A-7.0-7.5	JB98041-8	6/27/2015	N		***48.6***											
EF-111A	7.0 - 7.5 ft	EF-111A-7.0-7.5	JB98041-8A	6/27/2015	N				< 0.31	UJ	62.9		18.2		0.78	J	19.7	
EF-111A	8.0 - 8.5 ft	EF-111A-8.0-8.5	JB98041-9	6/27/2015	N		***54.0***											
EF-111A	8.0 - 8.5 ft	EF-111A-8.0-8.5	JB98041-9A	6/27/2015	N				< 0.37	UJ	220		13.2		0.84	J	31.1	
EF-111A	10.0 - 10.5 ft	EF-111A-10.0-10.5	JB98041-12	6/27/2015	N		17.7											
EF-111A	10.0 - 10.5 ft	EF-111A-10.0-10.5	JB98041-12A	6/27/2015	N				< 0.38	UJ	165		12.0		0.60	J	25.6	
EF-111A	12.0 - 12.5 ft	EF-111A-12.0-12.5	JB98041-13	6/27/2015	N		9.3											
EF-111A	12.0 - 12.5 ft	EF-111A-12.0-12.5	JB98041-13A	6/27/2015	N				< 0.37	UJ	45.6		6.7		0.53	J	14.9	
EF-111A	13.0 - 13.5 ft	EF-111A-13.0-13.5	JB98041-14	6/27/2015	N		7.5											
EF-111A	13.0 - 13.5 ft	EF-111A-13.0-13.5	JB98041-14A	6/27/2015	N				< 0.36	UJ	66.2		6.0		0.22	J	15.9	
EF-111A	15.0 - 15.5 ft	EF-111A-15.0-15.5	JB98041-15	6/27/2015	N		10.4											
EF-111A	15.0 - 15.5 ft	EF-111A-15.0-15.5	JB98041-15A	6/27/2015	N				< 0.35	UJ	93.3		8.9		0.58	J	20.8	
EF-111A	17.0 - 17.5 ft	EF-111A-17.0-17.5	JB98041-16	6/27/2015	N		11.8											
EF-111A	17.0 - 17.5 ft	EF-111A-17.0-17.5	JB98041-16A	6/27/2015	N				< 0.36	UJ	86.5		9.3		0.45	J	20.3	
EF-111A	18.0 - 18.5 ft	EF-111A-18.0-18.5	JB98041-17	6/27/2015	N		3.6											
EF-111A	18.0 - 18.5 ft	EF-111A-18.0-18.5	JB98041-17A	6/27/2015	N				< 0.38	UJ	13.5		3.5	J	< 0.23	U	8.8	
EF-111A	20.0 - 20.5 ft	EF-111A-20.0-20.5	JB98041-20	6/27/2015	N		2.1											
EF-111A	20.0 - 20.5 ft	EF-111A-20.0-20.5	JB98041-20A	6/27/2015	N				< 0.36	UJ	17.1		4.2	J	< 0.22	U	9.6	
EF-111A	22.0 - 22.5 ft	EF-111A-22.0-22.5	JB98041-21	6/27/2015	N		4.0											
EF-111A	22.0 - 22.5 ft	EF-111A-22.0-22.5	JB98041-21A	6/27/2015	N				< 0.35	UJ	22.4		5.1		< 0.21	U	9.8	
EF-111A	23.0 - 23.5 ft	EF-111A-23.0-23.5	JB98041-22	6/27/2015	N		***34.3***											
EF-111A	23.0 - 23.5 ft	EF-111A-23.0-23.5	JB98041-22A	6/27/2015	N				< 0.36	UJ	39.7		4.3	J	0.33	J	10.2	
EF-111A	25.0 - 25.5 ft	EF-111A-25.0-25.5	JB98041-23	6/27/2015	N		2.6											
EF-111A	25.0 - 25.5 ft	EF-111A-25.0-25.5	JB98041-23A	6/27/2015	N				< 0.37	UJ	45.3		6.8		0.28	J	11.1	
EF-111A	30.0 - 30.5 ft	EF-111A-30.0-30.5	JB98041-26	6/27/2015	N		2.0											
EF-111A	30.0 - 30.5 ft	EF-111A-30.0-30.5	JB98041-26A	6/27/2015	N				< 0.31	UJ	19.7		5.5		0.26	J	10.7	
EF-111A	32.0 - 32.5 ft	EF-111A-32.0-32.5	JB98041-27	6/27/2015	N		2.1											

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-111A	32.0 - 32.5 ft	EF-111A-32.0-32.5	JB98041-27A	6/27/2015	N			< 0.38	UJ	16.0		5.4		0.39	J	11.2	
EF-111A	33.0 - 33.5 ft	EF-111A-33.0-33.5	JB98041-28	6/27/2015	N	< 0.23	U										
EF-111A	33.0 - 33.5 ft	EF-111A-33.0-33.5	JB98041-28A	6/27/2015	N			< 0.39	UJ	6.9		3.9	J	0.34	J	9.6	
EF-111A	35.0 - 35.5 ft	EF-111A-35.0-35.5	JB98041-29	6/27/2015	N	0.77											
EF-111A	35.0 - 35.5 ft	EF-111A-35.0-35.5	JB98041-29A	6/27/2015	N			< 0.36	UJ	9.3		3.9	J	0.55	J	9.6	
EF-111A	37.0 - 37.5 ft	EF-111A-37.0-37.5	JB98041-30	6/27/2015	N	< 0.23	U										
EF-111A	37.0 - 37.5 ft	EF-111A-37.0-37.5	JB98041-30A	6/27/2015	N			< 0.38	UJ	8.8		6.8		0.41	J	13.2	
EF-111A	39.0 - 39.5 ft	EF-111A-39.0-39.5	JB98041-31	6/27/2015	N	< 0.23	U										
EF-111A	39.0 - 39.5 ft	EF-111A-39.0-39.5	JB98041-31A	6/27/2015	N			< 0.39	UJ	9.0		7.3		0.27	J	13.2	
EF-111A	39.5 - 40.0 ft	EF-111A-39.5-40.0	JB98041-32	6/27/2015	N	< 0.22	U										
EF-111A	39.5 - 40.0 ft	EF-111A-39.5-40.0	JB98041-32A	6/27/2015	N			< 0.38	UJ	7.5		5.3		0.32	J	12.1	
EF-112	1.0 - 1.5 ft	EF-B112-1.0-1.5	JB16184-2	9/12/2012	N	***66.8***	***J***										
EF-112A	2.0 - 2.5 ft	EF-112A-2.0-2.5	JB61703-1	3/12/2014	N	***25.6***											
EF-112A	2.0 - 2.5 ft	EF-112A-2.0-2.5	JB61703-1A	3/12/2014	N			1.1	J	2560		316		1.8	J	236	
EF-112A	4.0 - 4.5 ft	EF-112A-4.0-4.5	JB61703-21	3/12/2014	N	3.2											
EF-112A	4.0 - 4.5 ft	EF-112A-4.0-4.5	JB61703-21A	3/12/2014	N			0.80	J	184		15.5		< 0.36	U	14.0	
EF-112A	6.0 - 6.5 ft	EF-112A-6.0-6.5	JB61703-22	3/12/2014	N	***30.8***											
EF-112A	6.0 - 6.5 ft	EF-112A-6.0-6.5	JB61703-22A	3/12/2014	N			1.2	J	1010		17.0		< 0.40	U	19.1	
EF-112A	8.0 - 8.5 ft	EF-112A-8.0-8.5	JB61703-23	3/12/2014	N	***121***											
EF-112A	8.0 - 8.5 ft	EF-112A-8.0-8.5	JB61703-23A	3/12/2014	N			0.30	J	162		12.1		< 0.33	U	22.0	
EF-112A	10.0 - 10.5 ft	EF-112A-10.0-10.5	JB61703-4	3/12/2014	N	***26.2***											
EF-112A	10.0 - 10.5 ft	EF-112A-10.0-10.5	JB61703-4A	3/12/2014	N			0.46	J	313		10.6		< 0.34	U	19.8	
EF-112A	12.0 - 12.5 ft	EF-112A-12.0-12.5	JB61703-5	3/12/2014	N	***54.8***											
EF-112A	12.0 - 12.5 ft	EF-112A-12.0-12.5	JB61703-5A	3/12/2014	N			0.43	J	205		12.2		0.50	J	24.3	
EF-112A	14.0 - 14.5 ft	EF-112A-14.0-14.5	JB61703-6	3/12/2014	N	5.5											
EF-112A	14.0 - 14.5 ft	EF-112A-14.0-14.5	JB61703-6A	3/12/2014	N			< 0.30	UJ	24.0		6.1		< 0.37	U	12.8	
EF-112A	14.0 - 14.5 ft	EF-112A-14.0-14.5X	JB61703-7	3/12/2014	FD	5.4											
EF-112A	14.0 - 14.5 ft	EF-112A-14.0-14.5X	JB61703-7A	3/12/2014	FD			< 0.27	UJ	24.5		5.8		< 0.34	U	13.9	
EF-112A	16.0 - 16.5 ft	EF-112A-16.0-16.5	JB61703-8	3/12/2014	N	6.6											
EF-112A	16.0 - 16.5 ft	EF-112A-16.0-16.5	JB61703-8A	3/12/2014	N			< 0.27	UJ	39.6		16.6		0.33	J	28.0	
EF-112A	18.0 - 18.5 ft	EF-112A-18.0-18.5	JB61703-9	3/12/2014	N	***29.6***											
EF-112A	18.0 - 18.5 ft	EF-112A-18.0-18.5	JB61703-9A	3/12/2014	N			0.41	J	55.8		14.4		< 0.68	U	29.3	
EF-112A	20.0 - 20.5 ft	EF-112A-20.0-20.5	JB61703-10	3/12/2014	N	19.8											
EF-112A	20.0 - 20.5 ft	EF-112A-20.0-20.5	JB61703-10A	3/12/2014	N			0.48	J	65.7		12.6		0.38	J	29.3	
EF-112A	22.0 - 22.5 ft	EF-112A-22.0-22.5	JB61703-11	3/12/2014	N	***22.6***											
EF-112A	22.0 - 22.5 ft	EF-112A-22.0-22.5	JB61703-11A	3/12/2014	N			< 0.28	UJ	47.6		9.4		0.43	J	21.6	
EF-112A	24.0 - 24.5 ft	EF-112A-24.0-24.5	JB61703-12	3/12/2014	N	14.0											
EF-112A	24.0 - 24.5 ft	EF-112A-24.0-24.5	JB61703-12A	3/12/2014	N			0.90	J	86.0		20.1		< 0.33	U	58.4	
EF-112A	26.0 - 26.5 ft	EF-112A-26.0-26.5	JB61703-13	3/12/2014	N	***86.8***											
EF-112A	26.0 - 26.5 ft	EF-112A-26.0-26.5	JB61703-13A	3/12/2014	N			< 0.29	UJ	93.0		5.3		0.46	J	13.1	
EF-112A	28.0 - 28.5 ft	EF-112A-28.0-28.5	JB61703-14	3/12/2014	N	***33.2***											
EF-112A	28.0 - 28.5 ft	EF-112A-28.0-28.5	JB61703-14A	3/12/2014	N			< 0.29	UJ	48.0		4.7	J	< 0.36	U	11.9	
EF-112A	30.0 - 30.5 ft	EF-112A-30.0-30.5	JB61703-24	3/12/2014	N	17.0											
EF-112A	30.0 - 30.5 ft	EF-112A-30.0-30.5	JB61703-24A	3/12/2014	N			< 0.29	UJ	30.4		5.9		< 0.36	U	12.2	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
EF-112A	32.0 - 32.5 ft	EF-112A-32.0-32.5	JB61703-16	3/12/2014	N	7.4											
EF-112A	32.0 - 32.5 ft	EF-112A-32.0-32.5	JB61703-16A	3/12/2014	N			< 0.29	UJ	17.5		5.6		< 0.36	U	13.1	
EF-112A	34.0 - 34.5 ft	EF-112A-34.0-34.5	JB61703-17	3/12/2014	N	4.1											
EF-112A	34.0 - 34.5 ft	EF-112A-34.0-34.5	JB61703-17A	3/12/2014	N			< 0.27	UJ	11.9		4.2	J	< 0.34	U	10.7	
EF-112A	36.0 - 36.5 ft	EF-112A-36.0-36.5	JB61703-18	3/12/2014	N	< 0.084	U										
EF-112A	36.0 - 36.5 ft	EF-112A-36.0-36.5	JB61703-18A	3/12/2014	N			< 0.30	UJ	5.8		3.6	J	< 0.37	U	9.4	
EF-112A	38.0 - 38.5 ft	EF-112A-38.0-38.5	JB61703-19	3/12/2014	N	0.17	J										
EF-112A	38.0 - 38.5 ft	EF-112A-38.0-38.5	JB61703-19A	3/12/2014	N			< 0.28	UJ	10.8		8.3		< 0.35	U	15.6	
EF-113	0.5 - 1.0 ft	EF-B113-0.5-1.0	JB16587-1	9/17/2012	N	0.19	J										
EF-113	1.0 - 1.5 ft	EF-B113-1.0-1.5	JB16587-2	9/17/2012	N	0.30	J										
EF-113	2.0 - 2.5 ft	EF-B113-2.0-2.5	JB16587-3	9/17/2012	N	0.25	J										
EF-113	2.0 - 2.5 ft	EF-B113-2.0-2.5X	JB16587-4	9/17/2012	FD	0.56											
EF-113	22.2 - 22.7 ft	EF-B113-22.2-22.7	JB16587-5	9/17/2012	N	***217***											
EF-113	25.0 - 25.5 ft	EF-B113-25.0-25.5	JB16587-6	9/17/2012	N	***105***											
EF-117	2.0 - 2.5 ft	EF-B117-2.0-2.5	JB15502-8	9/5/2012	N			0.57	J			11.1					
EF-117	4.0 - 4.5 ft	EF-B117-4.0-4.5	JB15502-7	9/5/2012	N			0.38	J			15.2					
EF-118	5.0 - 5.5 ft	EF-B118-5.0-5.5	JB15252-6	8/31/2012	N	0.70	J										
EF-118	7.0 - 7.5 ft	EF-B118-7.0-7.5	JB15252-3	8/31/2012	N	0.21	J										
EF-118	16.0 - 16.5 ft	EF-B118-16.0-16.5	JB15252-1	8/31/2012	N	0.73	J										
EF-118	17.0 - 17.5 ft	EF-B118-17.0-17.5	JB15252-2	8/31/2012	N	0.43	J										
EF-119	4.0 - 4.5 ft	EF-B119-4.0-4.5	JB15252-4	8/31/2012	N	0.45	J										
EF-119	6.0 - 6.5 ft	EF-B119-6.0-6.5	JB15252-5	8/31/2012	N	0.20	J										
EF-120	0.5 - 1.0 ft	EF-B120-0.5-1.0	JB15252-9	8/31/2012	N	1.3	J					14.8				30.4	
EF-120	0.5 - 1.0 ft	EF-B120-0.5-1.0X	JB15252-8	8/31/2012	FD	1.7	J					19.8				28.4	
EF-122	1.0 - 1.5 ft	EF-B122-1.0-1.5	JB15919-1	9/10/2012	N			7.0				39.3					
EF-122	3.0 - 3.5 ft	EF-B122-3.0-3.5	JB15919-2	9/10/2012	N			7.4				21.5					
EF-122	4.5 - 5.0 ft	EF-B122-4.5-5.0	JB15919-3	9/10/2012	N			**37.9**				76.8					
EF-123	0.2 - 0.7 ft	EF-B123-0.2-0.7	JB15786-3	9/7/2012	N			2.7									
EF-123	3.0 - 3.5 ft	EF-B123-3.0-3.5	JB15786-2	9/7/2012	N			7.7									
EF-123	5.0 - 5.5 ft	EF-B123-5.0-5.5	JB15786-1	9/7/2012	N			5.2									
EF-124	0.6 - 1.1 ft	EF-B124-0.6-1.1	JB15380-8	9/4/2012	N							12.4					
EF-125	1.0 - 1.5 ft	EF-B125-1.0-1.5	JB15124-5	8/30/2012	N							36.6					
EF-125	1.0 - 1.5 ft	EF-B125-1.0-1.5X	JB15124-4	8/30/2012	FD							38.8					
EF-126	1.0 - 1.5 ft	EF-B126-1.0-1.5	JB15124-3	8/30/2012	N							13.2					
EF-127	1.0 - 1.5 ft	EF-B127-1.0-1.5	JB15124-2	8/30/2012	N							18.9					
EF-128	2.0 - 2.5 ft	EF-128-2.0-2.5	JB23759-1	12/13/2012	N	1.1											
EF-129	0.5 - 1.0 ft	EF-129-0.5-1.0	JB23759-3	12/13/2012	N	1.7											
EF-129	0.5 - 1.0 ft	EF-129-0.5-1.0X	JB23759-4	12/13/2012	FD	1.1											
EF-14	0.5 - 1.0 ft	EF-14-0.5	460-26239-5	5/6/2011	N	1.8	J										
EF-14	2.0 - 2.5 ft	EF-14-2.0	460-26239-6	5/6/2011	N	< 0.65	UJ										
EF-14	2.0 - 2.5 ft	EF-14-2.0X	460-26239-7	5/6/2011	FD	< 0.66	UJ										
EF-14	2.5 - 3.0 ft	EF-14-2.5	460-26239-8	5/6/2011	N			2.7	J	21.1		13.3		< 1.6	U	10.9	J
EF-14	4.0 - 4.5 ft	EF-14-4.0	460-26239-9	5/6/2011	N	< 0.65	UJ										
EF-14	6.0 - 6.5 ft	EF-B14-6.0	460-26277-1	5/9/2011	N	< 0.72	UJ	< 1.3	UJ	20.6		20.3		< 1.5	U	23.7	

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Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-14	10.0 - 10.5 ft	EF-B14-10.0	460-26277-2	5/9/2011	N	< 0.63	UJ										
EF-14	12.0 - 12.5 ft	EF-B14-12.0	460-26277-3	5/9/2011	N			< 1.8	UJ	32.4		25.3		< 2.0	U	38.2	
EF-14	17.5 - 18.0 ft	EF-B14-17.5	460-26277-4	5/9/2011	N	< 0.69	UJ	1.8	J	11.3		5.4	J	< 1.3	U	10.6	J
EF-14	22.5 - 23.0 ft	EF-B14-22.5	460-26277-5	5/9/2011	N	< 0.61	UJ	< 1.1	UJ	11.8		8.0	J	< 1.2	U	16.2	
EF-17	0.5 - 1.0 ft	EF-B17-0.5	460-25550-39	4/19/2011	N	3.2	J										
EF-17	2.0 - 2.5 ft	EF-B17-2.0	460-25550-40	4/19/2011	N	10.0	J										
EF-17	2.5 - 3.0 ft	EF-B17-2.5	460-25550-41	4/19/2011	N			2.8	J	464		48.7		< 1.1	U	33.3	
EF-17	4.0 - 4.5 ft	EF-B17-4.0	460-25550-42	4/19/2011	N	3.0	J										
EF-17	6.0 - 6.5 ft	EF-B17-6.0	460-25599-9	4/20/2011	N	< 0.65	UJ	1.9	J	14.3		15.1		< 1.3	U	24.6	
EF-17	10.0 - 10.5 ft	EF-B17-10.0	460-25599-10	4/20/2011	N	< 0.64	UJ										
EF-17	12.0 - 12.5 ft	EF-B17-12.0	460-25599-11	4/20/2011	N	< 0.64	UJ	< 1.1	UJ	12.5		11.1		< 1.2	U	16.3	
EF-17	12.0 - 12.5 ft	EF-B17-12.0X	460-25599-12	4/20/2011	FD	< 0.63	UJ	< 1.1	UJ	11.1		10.3		< 1.2	U	17.0	
EF-17	17.0 - 17.5 ft	EF-B17-17.0	460-25599-13	4/20/2011	N	< 1.4	UJ	< 2.5	UJ	42.9		36.1		< 2.8	U	47.1	
EF-17	22.5 - 23.0 ft	EF-B17-22.5	460-25599-14	4/20/2011	N	< 0.97	UJ	< 1.7	UJ	17.7		13.8	J	< 1.9	U	19.6	J
EF-18	0.5 - 1.0 ft	EF-B18-0.5	460-25481-9	4/18/2011	N	0.72	J										
EF-18	2.0 - 2.5 ft	EF-B18-2.0	460-25481-10	4/18/2011	N	< 0.59	U										
EF-18	2.5 - 3.0 ft	EF-B18-2.5	460-25481-11	4/18/2011	N			5.8	J	75.9		36.9		< 1.1	U	13.7	
EF-18	4.0 - 4.5 ft	EF-B18-4.0	460-25481-12	4/18/2011	N	3.4											
EF-18	6.0 - 6.5 ft	EF-B18-6.0	460-25599-1	4/20/2011	N	< 0.57	UJ	< 1.0	UJ	16.0		33.3		< 1.1	U	28.3	
EF-18	10.0 - 10.5 ft	EF-B18-10.0	460-25599-2	4/20/2011	N	< 0.57	UJ										
EF-18	11.5 - 12.0 ft	EF-B18-11.5	460-25599-3	4/20/2011	N			< 1.1	UJ	14.4		14.3		< 1.2	U	16.9	
EF-18	15.0 - 15.5 ft	EF-B18-15.0	460-25599-4	4/20/2011	N	4.7	J										
EF-18	16.0 - 16.5 ft	EF-B18-16.0	460-25599-5	4/20/2011	N	< 0.61	UJ										
EF-18	16.0 - 16.5 ft	EF-B18-16.0X	460-25599-6	4/20/2011	FD	< 0.60	UJ										
EF-18	17.5 - 18.0 ft	EF-B18-17.5	460-25599-7	4/20/2011	N	< 0.58	UJ	< 1.0	UJ	14.2		10.7		< 1.1	U	24.2	
EF-18	22.5 - 23.0 ft	EF-B18-22.5	460-25599-8	4/20/2011	N	< 0.58	UJ	< 1.0	UJ	10.2		12.0		< 1.1	U	12.6	
EF-19	0.8 - 1.3 ft	EF-B19-0.8	460-25550-31	4/19/2011	N	< 0.56	UJ										
EF-19	2.0 - 2.5 ft	EF-B19-2.0	460-25550-32	4/19/2011	N	< 0.57	UJ										
EF-19	2.5 - 3.0 ft	EF-B19-2.5	460-25550-33	4/19/2011	N			< 1.0	UJ	12.3		15.5		< 1.2	U	13.9	
EF-19	4.0 - 4.5 ft	EF-B19-4.0	460-25550-34	4/19/2011	N	2.8	J										
EF-19	6.0 - 6.5 ft	EF-B19-6.0	460-25550-16	4/19/2011	N	< 0.59	UJ	< 1.0	UJ	21.5		11.7		< 1.1	U	23.1	
EF-19	10.0 - 10.5 ft	EF-B19-10.0	460-25550-17	4/19/2011	N	< 0.58	UJ										
EF-19	11.0 - 11.5 ft	EF-B19-11.0	460-25550-18	4/19/2011	N			< 1.0	UJ	15.9		11.9		< 1.1	U	23.1	
EF-19	15.0 - 15.5 ft	EF-B19-15.0	460-25550-19	4/19/2011	N	< 0.59	UJ										
EF-19	15.0 - 15.5 ft	EF-B19-15.0X	460-25550-20	4/19/2011	FD	< 0.59	UJ										
EF-19	17.0 - 17.5 ft	EF-B19-17.5	460-25550-21	4/19/2011	N			< 2.3	UJ	25.0		18.0	J	< 2.5	U	35.4	
EF-19	17.0 - 17.5 ft	EF-B19-17.5X	460-25550-22	4/19/2011	FD			< 2.4	UJ	29.7		22.6		< 2.7	U	42.8	
EF-19	22.5 - 23.0 ft	EF-B19-22.5	460-25550-23	4/19/2011	N	< 0.95	UJ	< 1.7	UJ	20.5		17.8		< 1.9	U	31.4	
EF-20	0.5 - 1.0 ft	EF-B20-0.5	460-25481-5	4/18/2011	N	< 0.55	U										
EF-20	2.0 - 2.5 ft	EF-B20-2.0	460-25481-6	4/18/2011	N	< 0.56	U										
EF-20	2.5 - 3.0 ft	EF-B20-2.5	460-25481-7	4/18/2011	N			< 0.99	UJ	76.8		19.3		< 1.1	U	23.4	
EF-20	4.0 - 4.5 ft	EF-B20-4.0	460-25481-8	4/18/2011	N	< 0.57	U										
EF-20	6.0 - 6.5 ft	EF-B20-6.0	460-25550-9	4/19/2011	N	< 0.59	UJ										
EF-20	7.0 - 7.5 ft	EF-B20-7.0	460-25550-10	4/19/2011	N			< 1.0	UJ	15.9		10.3		< 1.1	U	31.5	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-20	10.0 - 10.5 ft	EF-B20-10.0	460-25550-11	4/19/2011	N	< 0.59	UJ										
EF-20	12.0 - 12.5 ft	EF-B20-12.0	460-25550-12	4/19/2011	N	< 0.59	UJ	< 1.0	UJ	19.2		14.0		< 1.1	U	30.8	
EF-20	15.0 - 15.5 ft	EF-B20-15.0	460-25550-13	4/19/2011	N	< 0.58	UJ										
EF-20	17.0 - 17.5 ft	EF-B20-17.0	460-25550-14	4/19/2011	N			< 1.6	UJ	38.0		27.9		< 1.7	U	43.4	
EF-20	22.0 - 22.5 ft	EF-B20-22.0	460-25550-15	4/19/2011	N	< 0.65	UJ	< 1.1	UJ	11.5		15.1		< 1.2	U	14.2	
EF-21	0.5 - 1.0 ft	EF-B21-0.5	460-25481-2	4/18/2011	N	1.3	J										
EF-21	2.0 - 2.5 ft	EF-B21-2.0	460-25481-1	4/18/2011	N	< 0.57	U										
EF-21	2.5 - 3.0 ft	EF-B21-2.5	460-25481-3	4/18/2011	N			2.2	J	69.3		65.0		< 1.1	U	26.5	
EF-21	4.0 - 4.5 ft	EF-B21-4.0	460-25481-4	4/18/2011	N	< 0.58	U										
EF-21	6.0 - 6.5 ft	EF-B21-6.0	460-25550-1	4/19/2011	N	< 0.62	UJ										
EF-21	7.5 - 8.0 ft	EF-B21-7.5	460-25550-2	4/19/2011	N			< 1.1	UJ	17.4		12.1		< 1.2	U	29.7	
EF-21	10.0 - 10.5 ft	EF-B21-10.0	460-25550-3	4/19/2011	N	< 0.61	UJ										
EF-21	12.0 - 12.5 ft	EF-B21-12.0	460-25550-4	4/19/2011	N	1.7	J										
EF-21	12.5 - 13.0 ft	EF-B21-12.5	460-25550-5	4/19/2011	N			< 0.97	UJ	15.3		10.7		< 1.1	U	23.9	
EF-21	16.0 - 16.5 ft	EF-B21-16.0	460-25550-6	4/19/2011	N	< 0.60	UJ										
EF-21	17.5 - 18.0 ft	EF-B21-17.5	460-25550-7	4/19/2011	N			< 2.1	UJ	32.4		20.6		< 2.3	U	51.3	
EF-21	22.5 - 23.0 ft	EF-B21-22.5	460-25550-8	4/19/2011	N	< 0.62	UJ	< 1.1	UJ	14.9		25.4		< 1.2	U	27.5	
EF-22	0.5 - 1.0 ft	EF-B22-0.5	460-25550-35	4/19/2011	N	< 0.57	UJ										
EF-22	2.0 - 2.5 ft	EF-B22-2.0	460-25550-36	4/19/2011	N	< 0.59	UJ										
EF-22	2.5 - 3.0 ft	EF-B22-2.5	460-25550-37	4/19/2011	N			2.2	J	54.1		66.3		< 1.1	U	18.9	
EF-22	4.0 - 4.5 ft	EF-B22-4.0	460-25550-38	4/19/2011	N	< 0.55	UJ										
EF-22	5.5 - 6.0 ft	EF-B22-5.5	460-25550-24	4/19/2011	N	< 0.63	UJ	2.8	J	13.4		14.5		< 1.2	U	21.1	
EF-22	10.0 - 10.5 ft	EF-B22-10.0	460-25550-25	4/19/2011	N	< 0.59	UJ										
EF-22	12.0 - 12.5 ft	EF-B22-12.0	460-25550-26	4/19/2011	N	< 0.60	UJ	< 1.0	UJ	13.8		9.1	J	< 1.1	U	20.8	
EF-22	17.5 - 18.0 ft	EF-B22-17.5	460-25550-27	4/19/2011	N	< 1.6	UJ	< 2.8	UJ	24.7		15.9	J	< 3.1	U	36.1	
EF-22	17.5 - 18.0 ft	EF-B22-17.5X	460-25550-28	4/19/2011	FD	< 1.6	UJ										
EF-22	22.5 - 23.0 ft	EF-B22-22.5	460-25550-29	4/19/2011	N	< 0.69	UJ	< 1.2	UJ	15.7		15.9		< 1.3	U	19.2	
EF-26	0.0 - 0.5 ft	EF-B26-0.0	460-25416-25	4/15/2011	N	< 0.55	U										
EF-26	2.0 - 2.5 ft	EF-B26-2.0	460-25416-26	4/15/2011	N	***31.9***											
EF-26	2.5 - 3.0 ft	EF-B26-2.5	460-25416-27	4/15/2011	N			1.4	J	55.4		17.9		< 1.0	U	18.4	
EF-26	4.0 - 4.5 ft	EF-B26-4.0	460-25416-28	4/15/2011	N	2.5											
EF-26	6.0 - 6.5 ft	EF-B26-6.0	460-25481-13	4/18/2011	N	14.2											
EF-26	7.0 - 7.5 ft	EF-B26-7.0	460-25481-14	4/18/2011	N			1.4	J	3110		206		< 1.2	U	202	
EF-26	10.0 - 10.5 ft	EF-B26-10.0	460-25481-15	4/18/2011	N	6.3											
EF-26	12.0 - 12.5 ft	EF-B26-12.0	460-25481-16	4/18/2011	N	***5310***											
EF-26	12.5 - 13.0 ft	EF-B26-12.5	460-25481-17	4/18/2011	N			**52.8**	**J**	36400		626		< 7.0	U	384	
EF-26	14.0 - 14.5 ft	EF-B26-14.0	460-25481-18	4/18/2011	N	< 0.69	U										
EF-26	16.0 - 16.5 ft	EF-B26-16.0	460-25481-19	4/18/2011	N	< 0.89	U										
EF-26	17.5 - 18.0 ft	EF-B26-17.5	460-25481-20	4/18/2011	N			< 3.2	UJ	25.9		24.4	J	< 3.5	U	27.3	J
EF-26	22.5 - 23.0 ft	EF-B26-22.5	460-25481-21	4/18/2011	N	< 1.8	UJ	< 3.2	UJ	214		30.9		< 3.5	U	39.1	
EF-27	1.2 - 1.7 ft	EF-B27-1.2	460-25599-31	4/20/2011	N	< 0.55	U										
EF-27	2.0 - 2.5 ft	EF-B27-2.0	460-25599-32	4/20/2011	N	< 0.56	U										
EF-27	2.5 - 3.0 ft	EF-B27-2.5	460-25599-33	4/20/2011	N			< 1.0	UJ	6.6		2.4	J	< 1.1	U	15.3	
EF-27	4.0 - 4.5 ft	EF-B27-4.0	460-25599-34	4/20/2011	N	***1310***											

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-27	6.0 - 6.5 ft	EF-B27-6.0	460-25657-8	4/21/2011	N	***4560***	***J***										
EF-27	8.0 - 8.5 ft	EF-B27-8.0	460-25657-7	4/21/2011	N	***14200***	***J***					681				**419**	**J**
EF-27	10.0 - 10.5 ft	EF-B27-10.0	460-25657-9	4/21/2011	N	***12200***	***J***										
EF-27	12.0 - 12.5 ft	EF-B27-12.0	460-25657-10	4/21/2011	N	***12600***	***J***					582				341	J
EF-27	15.0 - 15.5 ft	EF-B27-15.0	460-25657-11	4/21/2011	N	***12100***	***J***										
EF-27	16.5 - 17.0 ft	EF-B27-16.5	460-25657-12	4/21/2011	N	***12400***	***J***					532				324	J
EF-27	21.5 - 22.0 ft	EF-B27-21.5	460-25657-13	4/21/2011	N	0.65	J					13.3				18.1	J
EF-27	21.5 - 22.0 ft	EF-B27-21.5X	460-25657-14	4/21/2011	FD	< 0.58	UJ										
EF-28	0.8 - 1.3 ft	EF-B28-0.8	460-25599-27	4/20/2011	N	< 0.59	U										
EF-28	2.0 - 2.5 ft	EF-B28-2.0	460-25599-28	4/20/2011	N	< 0.56	U										
EF-28	2.5 - 3.0 ft	EF-B28-2.5	460-25599-29	4/20/2011	N			2.3	J	1090		88.5		< 1.1	U	66.7	
EF-28	4.0 - 4.5 ft	EF-B28-4.0	460-25599-30	4/20/2011	N	< 0.67	U										
EF-28	5.5 - 6.0 ft	EF-B28-5.5	460-25705-1	4/22/2011	N	< 0.74	U					22.8				21.2	J
EF-28	10.0 - 10.5 ft	EF-B28-10.0	460-25705-2	4/22/2011	N	< 0.87	U										
EF-28	11.0 - 11.5 ft	EF-B28-11.0	460-25705-3	4/22/2011	N							36.5				28.1	J
EF-28	15.0 - 15.5 ft	EF-B28-15.0	460-25705-4	4/22/2011	N	< 0.74	U										
EF-28	17.5 - 18.0 ft	EF-B28-17.5	460-25705-5	4/22/2011	N							14.6	J			21.9	J
EF-28	22.5 - 23.0 ft	EF-B28-22.5	460-25705-6	4/22/2011	N	3.1						17.3				42.4	J
EF-29	0.8 - 1.3 ft	EF-B29-0.8	460-25599-23	4/20/2011	N	< 0.59	U										
EF-29	2.0 - 2.5 ft	EF-B29-2.0	460-25599-24	4/20/2011	N	< 0.57	U										
EF-29	2.5 - 3.0 ft	EF-B29-2.5	460-25599-25	4/20/2011	N			< 1.0	UJ	11.6		7.6	J	< 1.1	U	18.8	
EF-29	4.0 - 4.5 ft	EF-B29-4.0	460-25599-26	4/20/2011	N	< 0.55	U										
EF-29	6.5 - 7.0 ft	EF-B29-6.5	460-25705-7	4/22/2011	N	< 0.66	U					15.2				68.6	J
EF-29	10.0 - 10.5 ft	EF-B29-10.0	460-25705-8	4/22/2011	N	< 0.66	U										
EF-29	10.0 - 10.5 ft	EF-B29-10.0X	460-25705-9	4/22/2011	FD	< 0.65	U										
EF-29	12.5 - 13.0 ft	EF-B29-12.5	460-25705-10	4/22/2011	N	< 0.67	U					12.5				21.0	J
EF-29	15.0 - 15.5 ft	EF-B29-15.0	460-25705-11	4/22/2011	N	< 0.71	U					16.3				32.4	J
EF-29	21.0 - 21.5 ft	EF-B29-21.0	460-25705-12	4/22/2011	N	< 0.54	U					12.2				24.9	J
EF-34	0.5 - 1.0 ft	EF-B34-0.5	460-25705-24	4/22/2011	N	< 0.53	UJ										
EF-34	2.0 - 2.5 ft	EF-B34-2.0	460-25705-25	4/22/2011	N	1.4	J										
EF-34	2.5 - 3.0 ft	EF-B34-2.5	460-25705-26	4/22/2011	N			< 1.0	U	38.9		15.5		< 1.1	U	30.6	J
EF-34	4.0 - 4.5 ft	EF-B34-4.0	460-25705-27	4/22/2011	N	< 0.65	UJ										
EF-34	6.0 - 6.5 ft	EF-B34-6.0	460-25760-13	4/25/2011	N	7.9											
EF-34	7.5 - 8.0 ft	EF-B34-7.5	460-25760-14	4/25/2011	N			< 1.1	UJ	13.0		9.3	J	< 1.2	U	20.9	
EF-34	10.0 - 10.5 ft	EF-B34-10.0	460-25760-15	4/25/2011	N	< 0.66	U										
EF-34	10.0 - 10.5 ft	EF-B34-10.0X	460-25760-16	4/25/2011	FD	< 0.66	U										
EF-34	12.0 - 12.5 ft	EF-B34-12.0	460-25760-17	4/25/2011	N	< 0.64	U	< 1.1	UJ	11.5		7.8	J	< 1.2	U	16.0	
EF-34	15.0 - 15.5 ft	EF-B34-15.0	460-25760-18	4/25/2011	N	< 0.62	U										
EF-34	16.5 - 17.0 ft	EF-B34-16.5	460-25760-19	4/25/2011	N	< 0.62	U	< 0.99	UJ	15.5		11.6		< 1.1	U	20.2	
EF-34	22.5 - 23.0 ft	EF-B34-22.5	460-25760-20	4/25/2011	N	13.3		< 0.97	UJ	38.9		14.6		< 1.1	U	14.4	
EF-35	0.5 - 1.0 ft	EF-B35-0.5	460-25657-33	4/21/2011	N	< 0.53	U										
EF-35	2.0 - 2.5 ft	EF-B35-2.0	460-25657-34	4/21/2011	N	1.8	J										
EF-35	2.5 - 3.0 ft	EF-B35-2.5	460-25657-35	4/21/2011	N			< 1.0	U	18.4		11.9		< 1.1	U	28.9	J
EF-35	4.0 - 4.5 ft	EF-B35-4.0	460-25657-36	4/21/2011	N	< 0.57	U										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-35	10.0 - 10.5 ft	EF-B35-10.0	460-25705-13	4/22/2011	N	< 0.64	UJ										
EF-35	12.0 - 12.5 ft	EF-B35-12.0	460-25705-14	4/22/2011	N	< 0.59	U										
EF-35	13.0 - 13.5 ft	EF-B35-13.0	460-25705-15	4/22/2011	N			< 0.95	U	19.4		15.6		< 1.0	U	28.1	J
EF-35	13.0 - 13.5 ft	EF-B35-13.0X	460-25705-16	4/22/2011	FD			< 0.98	U	24.4		18.4		< 1.1	U	35.5	J
EF-35	16.0 - 16.5 ft	EF-B35-16.0	460-25705-17	4/22/2011	N	< 0.58	UJ	< 1.1	U	9.3		8.1	J	< 1.2	U	17.1	J
EF-35	20.0 - 20.5 ft	EF-B35-20.0	460-25705-18	4/22/2011	N	0.63	J	< 0.97	U	18.6		8.5	J	< 1.1	U	30.2	J
EF-36	0.5 - 1.0 ft	EF-B36-0.5	460-25705-20	4/22/2011	N	< 0.58	UJ										
EF-36	2.0 - 2.5 ft	EF-B36-2.0	460-25705-21	4/22/2011	N	< 0.57	UJ										
EF-36	2.5 - 3.0 ft	EF-B36-2.5	460-25705-22	4/22/2011	N			< 1.1	U	12.3		8.8	J	< 1.2	U	17.7	J
EF-36	4.0 - 4.5 ft	EF-B36-4.0	460-25705-23	4/22/2011	N	< 0.60	UJ										
EF-36	6.0 - 6.5 ft	EF-B36-6.0	460-25760-21	4/25/2011	N	< 0.60	U										
EF-36	7.5 - 8.0 ft	EF-B36-7.5	460-25760-22	4/25/2011	N			< 0.99	UJ	12.4		8.9	J	< 1.1	U	18.8	
EF-36	7.5 - 8.0 ft	EF-B36-7.5X	460-25760-23	4/25/2011	FD			< 1.0	UJ	13.5		9.7		< 1.1	U	20.4	
EF-36	12.0 - 12.5 ft	EF-B36-12.0	460-25760-24	4/25/2011	N	< 0.57	U	< 1.0	UJ	14.9		11.0		< 1.1	U	23.1	
EF-36	15.5 - 16.0 ft	EF-B36-15.5	460-25760-25	4/25/2011	N	< 0.57	U	< 0.92	UJ	17.2		11.5		< 1.0	U	25.7	
EF-36	20.0 - 20.5 ft	EF-B36-20.0	460-25760-26	4/25/2011	N	< 0.57	U	< 0.93	UJ	14.4		7.6	J	< 1.0	U	18.5	
EF-37	0.5 - 1.0 ft	EF-B37-0.5	460-25705-28	4/22/2011	N	< 0.56	UJ										
EF-37	2.0 - 2.5 ft	EF-B37-2.0	460-25705-29	4/22/2011	N	0.67	J										
EF-37	2.5 - 3.0 ft	EF-B37-2.5	460-25705-30	4/22/2011	N			2.8		117		20.8		< 1.1	U	36.4	J
EF-37	4.0 - 4.5 ft	EF-B37-4.0	460-25705-31	4/22/2011	N	< 0.58	UJ										
EF-37	6.0 - 6.5 ft	EF-B37-6.0	460-25760-27	4/25/2011	N	0.82	J										
EF-37	7.5 - 8.0 ft	EF-B37-7.5	460-25760-28	4/25/2011	N			< 1.1	UJ	18.7		14.9		< 1.2	U	24.1	
EF-37	11.0 - 11.5 ft	EF-B37-11.0	460-25760-29	4/25/2011	N	< 0.57	U	< 0.98	UJ	16.8		9.7		< 1.1	U	23.0	
EF-38	0.5 - 1.0 ft	EF-B38-0.5	460-25705-32	4/22/2011	N	< 0.57	UJ										
EF-38	2.0 - 2.5 ft	EF-B38-2.0	460-25705-33	4/22/2011	N	< 0.60	UJ										
EF-38	2.5 - 3.0 ft	EF-B38-2.5	460-25705-34	4/22/2011	N			< 1.1	U	37.8		13.7		< 1.2	U	32.9	J
EF-38A	0.5 - 1.0 ft	EF-B38A-0.5	460-25760-1	4/25/2011	N	1.9	J										
EF-38A	2.0 - 2.5 ft	EF-B38A-2.0	460-25760-2	4/25/2011	N	< 0.58	U										
EF-38A	2.5 - 3.0 ft	EF-B38A-2.5	460-25760-3	4/25/2011	N			< 1.1	UJ	17.8		11.4		< 1.2	U	20.1	
EF-38A	4.0 - 4.5 ft	EF-B38A-4.0	460-25760-4	4/25/2011	N	< 0.64	U										
EF-38A	6.0 - 6.5 ft	EF-B38-6.0	460-25804-1	4/26/2011	N	< 0.62	U										
EF-38A	7.5 - 8.0 ft	EF-B38-7.5	460-25804-2	4/26/2011	N			< 1.0	U	14.0		12.3		< 1.1	U	20.2	
EF-38A	11.0 - 11.5 ft	EF-B38-11.0	460-25804-3	4/26/2011	N	< 0.57	U	< 0.93	U	18.0		12.8		< 1.0	U	23.1	
EF-38A	16.0 - 16.5 ft	EF-B38-16.0	460-25804-4	4/26/2011	N	< 0.55	U	< 0.88	U	16.7		11.2		< 0.96	U	21.8	
EF-38A	21.0 - 21.5 ft	EF-B38-21.0	460-25804-5	4/26/2011	N	0.74	J	< 1.1	U	6.3		5.4	J	< 1.2	U	12.5	
EF-39	0.5 - 1.0 ft	EF-B39-0.5	460-25760-5	4/25/2011	N	< 0.63	U										
EF-39	2.0 - 2.5 ft	EF-B39-2.0	460-25760-6	4/25/2011	N	< 0.58	U										
EF-39	4.0 - 4.5 ft	EF-B39-4.0	460-25760-8	4/25/2011	N	< 0.60	U										
EF-39	6.0 - 6.5 ft	EF-B39-6.0	460-25804-6	4/26/2011	N	< 0.56	U										
EF-39	11.0 - 11.5 ft	EF-B39-11.0	460-25804-7	4/26/2011	N	< 0.56	U										
EF-39	17.0 - 17.5 ft	EF-B39-17	460-25804-8	4/26/2011	N	< 0.57	U										
EF-39	17.0 - 17.5 ft	EF-B39-17X	460-25804-9	4/26/2011	FD	< 0.56	U										
EF-39	20.0 - 20.5 ft	EF-B39-20.0	460-25804-10	4/26/2011	N	< 0.55	U										
EF-40	0.5 - 1.0 ft	EF-B40-0.5	460-25760-9	4/25/2011	N	1.2	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-40	2.0 - 2.5 ft	EF-B40-2.0	460-25760-10	4/25/2011	N	< 0.57	U										
EF-40	4.0 - 4.5 ft	EF-B40-4.0	460-25760-12	4/25/2011	N	< 0.64	U										
EF-40	6.0 - 6.5 ft	EF-B40-6.0	460-25804-11	4/26/2011	N	< 0.62	U										
EF-40	11.0 - 11.5 ft	EF-B40-11.0	460-25804-13	4/26/2011	N	< 0.56	U										
EF-41	0.5 - 1.0 ft	EF-B41-0.5	460-25804-25	4/26/2011	N	< 0.57	U										
EF-41	2.0 - 2.5 ft	EF-B41-2.0	460-25804-26	4/26/2011	N	< 0.60	U										
EF-41	2.5 - 3.0 ft	EF-B41-2.5	460-25804-27	4/26/2011	N			< 1.0	U	13.4		6.8	J	< 1.2	U	20.6	
EF-41	2.5 - 3.0 ft	EF-B41-2.5X	460-25804-28	4/26/2011	FD			< 1.0	U	11.4		6.1	J	< 1.1	U	17.2	
EF-41	4.0 - 4.5 ft	EF-B41-4.0	460-25804-29	4/26/2011	N	< 0.67	U										
EF-41	7.0 - 7.5 ft	EF-B41-7.0	460-25955-1	4/29/2011	N	< 0.59	UJ	< 1.0	UJ	14.9	J	11.9	J	< 1.1	U	23.0	
EF-41	12.5 - 13.0 ft	EF-B41-12.5	460-25955-2	4/29/2011	N	< 0.56	UJ	< 0.98	UJ	11.8	J	9.4	J	< 1.1	U	19.2	J
EF-41	17.5 - 18.0 ft	EF-B41-17.5	460-25955-3	4/29/2011	N	< 0.56	UJ	< 1.0	UJ	15.7	J	10.9	J	< 1.1	U	26.7	J
EF-41	20.0 - 20.5 ft	EF-B41-20.0	460-25955-4	4/29/2011	N	< 0.54	UJ										
EF-42	0.5 - 1.0 ft	EF-B42-0.5	460-25804-30	4/26/2011	N	< 0.57	U										
EF-42	2.0 - 2.5 ft	EF-B42-2.0	460-25804-31	4/26/2011	N	< 0.62	U										
EF-42	2.5 - 3.0 ft	EF-B42-2.5	460-25804-32	4/26/2011	N			6.7		10.6		10.3		< 1.2	U	15.0	
EF-42	4.0 - 4.5 ft	EF-B42-4.0	460-25804-33	4/26/2011	N	< 0.64	U										
EF-42	6.0 - 6.5 ft	EF-B42-6.0	460-25955-5	4/29/2011	N	< 0.60	UJ	< 1.1	UJ	11.7	J	9.1	J	< 1.2	U	18.5	J
EF-42	10.5 - 11.0 ft	EF-B42-10.5	460-25955-6	4/29/2011	N	< 0.58	UJ	< 1.0	UJ	13.9	J	11.6	J	< 1.1	U	26.5	J
EF-42	16.0 - 16.5 ft	EF-B42-16.0	460-25955-7	4/29/2011	N	< 0.54	UJ	< 0.92	UJ	15.3	J	9.4	J	< 1.0	U	25.0	J
EF-42	21.0 - 21.5 ft	EF-B42-21.0	460-25955-8	4/29/2011	N	< 0.55	UJ	< 0.94	UJ	13.0	J	9.4	J	< 1.0	U	19.5	J
EF-43	0.5 - 1.0 ft	EF-B43-0.5	460-25804-34	4/26/2011	N	< 0.57	U										
EF-43	2.0 - 2.5 ft	EF-B43-2.0	460-25899-4	4/28/2011	N	< 0.58	U										
EF-43	4.0 - 4.5 ft	EF-B43-4.0	460-25899-6	4/28/2011	N	< 0.60	U										
EF-43	7.0 - 7.5 ft	EF-B43-7.0	460-25955-9	4/29/2011	N	< 0.61	UJ										
EF-43	11.0 - 11.5 ft	EF-B43-11.0	460-25955-10	4/29/2011	N	< 0.59	UJ										
EF-43	15.0 - 15.5 ft	EF-B43-15.0	460-25955-11	4/29/2011	N	< 0.55	UJ										
EF-43	21.0 - 21.5 ft	EF-B43-21.0	460-25955-12	4/29/2011	N	< 0.56	UJ										
EF-46/ICO-20	0.5 - 1.0 ft	ICO-20-0.5	460-27297-15	6/6/2011	N	< 0.66	UJ										
EF-46/ICO-20	2.0 - 2.5 ft	ICO-20-2.0	460-27297-16	6/6/2011	N	< 0.65	UJ										
EF-46/ICO-20	4.0 - 4.5 ft	ICO-20-4.0	460-27297-17	6/6/2011	N	< 0.76	UJ										
EF-46/ICO-20	6.0 - 6.5 ft	ICO-20-6.0	460-27297-6	6/6/2011	N	< 0.60	UJ										
EF-47	2.5 - 3.0 ft	EF-B47-2.5	460-26881-8	5/25/2011	N											22.5	
EF-48	2.5 - 3.0 ft	EF-B48-2.5	460-26881-9	5/25/2011	N											17.6	
EF-49	0.5 - 1.0 ft	EF-B49-0.5	460-26847-8	5/24/2011	N	13.6											
EF-49	11.0 - 11.5 ft	EF-B49-11.0	460-26881-1	5/25/2011	N	< 0.84	UJ										
EF-49	12.0 - 12.5 ft	EF-B49-12.0	460-26881-2	5/25/2011	N			< 1.0	U							32.8	
EF-57/ICO-22	0.5 - 1.0 ft	ICO-B22-0.5	460-27221-4	6/3/2011	N	***29.9***											
EF-57/ICO-22	2.0 - 2.5 ft	ICO-B22-2.0	460-27221-5	6/3/2011	N	1.7	J										
EF-57/ICO-22	4.1 - 4.6 ft	ICO-B22-4.1	460-27221-6	6/3/2011	N	< 0.57	U										
EF-57/ICO-22	6.0 - 6.5 ft	ICO-22-6.0	460-27221-14	6/3/2011	N	4.5											
EF-57/ICO-22	8.0 - 8.5 ft	ICO-22-8.0	460-27221-15	6/3/2011	N	***117***											
EF-57/ICO-22	10.0 - 10.5 ft	ICO-22-10.0	460-27221-16	6/3/2011	N	***95.6***											
EF-57/ICO-22	12.0 - 12.5 ft	EF-B57-12.0	460-27221-17	6/3/2011	N	***111***											

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-57/ICO-22	14.0 - 14.5 ft	ICO-22-14.0	460-27221-18	6/3/2011	N	***79.9***											
EF-57/ICO-22	16.0 - 16.5 ft	ICO-22-16.0	460-27221-19	6/3/2011	N	***79.9***											
EF-57/ICO-22	17.0 - 17.5 ft	EF-B57-17.0	460-27221-20	6/3/2011	N	***127***											
EF-57/ICO-22	18.0 - 18.5 ft	ICO-22-18.0	460-27221-21	6/3/2011	N	***79.0***											
EF-57/ICO-22	20.0 - 20.5 ft	EF-B57-20.0	460-27221-22	6/3/2011	N	***46.7***	***J***										
EF-57A	10.0 - 10.5 ft	EF-57A-10.0-10.5	JB61462-2	3/10/2014	N	8.8											
EF-57A	10.0 - 10.5 ft	EF-57A-10.0-10.5	JB61462-2A	3/10/2014	N			0.32	J	61.3		11.8		< 0.34	U	20.2	
EF-57A	13.5 - 14.0 ft	EF-57A-13.5-14.0	JB61462-3	3/10/2014	N	6.2											
EF-57A	13.5 - 14.0 ft	EF-57A-13.5-14.0	JB61462-3A	3/10/2014	N			0.40	J	61.8		12.4		< 0.34	U	22.8	
EF-57A	13.5 - 14.0 ft	EF-57A-13.5-14.0X	JB61462-4	3/10/2014	FD	6.9											
EF-57A	13.5 - 14.0 ft	EF-57A-13.5-14.0X	JB61462-4A	3/10/2014	FD			0.35	J	76.9		11.7		< 0.35	U	22.8	
EF-57A	20.0 - 20.5 ft	EF-57A-20.0-20.5	JB61462-6	3/10/2014	N	7.1											
EF-57A	20.0 - 20.5 ft	EF-57A-20.0-20.5	JB61462-6A	3/10/2014	N			0.41	J	26.0		9.1		< 0.33	U	18.5	
EF-57A	22.0 - 22.5 ft	EF-57A-22.0-22.5	JB61462-7	3/10/2014	N	3.5											
EF-57A	22.0 - 22.5 ft	EF-57A-22.0-22.5	JB61462-7A	3/10/2014	N			< 0.27	UJ	22.7		5.6		< 0.34	U	10.2	
EF-57A	24.0 - 24.5 ft	EF-57A-24.0-24.5	JB61462-8	3/10/2014	N	0.53											
EF-57A	24.0 - 24.5 ft	EF-57A-24.0-24.5	JB61462-8A	3/10/2014	N			< 0.28	UJ	8.5		4.5	J	< 0.35	U	10.4	
EF-57A	26.0 - 26.5 ft	EF-57A-26.0-26.5	JB61462-10	3/10/2014	N	0.14	J										
EF-57A	26.0 - 26.5 ft	EF-57A-26.0-26.5	JB61462-10A	3/10/2014	N			< 0.29	UJ	6.1		3.6	J	< 0.36	U	9.4	
EF-57A	28.0 - 28.5 ft	EF-57A-28.0-28.5	JB61462-11	3/10/2014	N	0.61											
EF-57A	28.0 - 28.5 ft	EF-57A-28.0-28.5	JB61462-11A	3/10/2014	N			< 0.32	UJ	8.9		5.8		< 0.39	U	11.4	
EF-57A	30.0 - 30.5 ft	EF-57A-30.0-30.5	JB61462-12	3/10/2014	N	0.54											
EF-57A	30.0 - 30.5 ft	EF-57A-30.0-30.5	JB61462-12A	3/10/2014	N			< 0.27	UJ	11.7		4.3	J	< 0.34	U	9.9	
EF-57A	32.0 - 32.5 ft	EF-57A-32.0-32.5	JB61462-13	3/10/2014	N	0.61											
EF-57A	32.0 - 32.5 ft	EF-57A-32.0-32.5	JB61462-13A	3/10/2014	N			< 0.29	UJ	10.3		4.3	J	< 0.36	U	10.7	
EF-57A	34.0 - 34.5 ft	EF-57A-34.0-34.5	JB61462-14	3/10/2014	N	0.087	J										
EF-57A	34.0 - 34.5 ft	EF-57A-34.0-34.5	JB61462-14A	3/10/2014	N			0.43	J	15.0		10.9		< 0.35	U	16.9	
EF-57A	36.0 - 36.5 ft	EF-57A-36.0-36.5	JB61462-15	3/10/2014	N	0.085	J										
EF-57A	36.0 - 36.5 ft	EF-57A-36.0-36.5	JB61462-15A	3/10/2014	N			0.65	J	21.6		23.0		0.90	J	26.3	
EF-57A	38.0 - 38.5 ft	EF-57A-38.0-38.5	JB61462-16	3/10/2014	N	< 0.084	U										
EF-57A	38.0 - 38.5 ft	EF-57A-38.0-38.5	JB61462-16A	3/10/2014	N			< 0.29	UJ	10.8		8.8		< 0.36	U	14.7	
EF-73	2.5 - 3.0 ft	EF-B73-2.5	460-29620-6	8/5/2011	N	< 0.61	UJ										
EF-73	7.5 - 8.0 ft	EF-B73-7.5	460-29712-3	8/8/2011	N	< 0.69	U										
EF-73	7.5 - 8.0 ft	EF-B73-7.5X	460-29712-4	8/8/2011	FD	0.95	J										
EF-73	12.5 - 13.0 ft	EF-B73-12.5	460-29712-5	8/8/2011	N	5.6											
EF-73	17.5 - 18.0 ft	EF-B73-17.5	460-29712-6	8/8/2011	N	***24.6***											
EF-73	22.5 - 23.0 ft	EF-B73-22.5	460-29712-7	8/8/2011	N	***217***											
EF-73A	0.0 - 0.5 ft	EF-73A-0.0-0.5	JB95926-1	6/1/2015	N	< 0.21	UJ										
EF-73A	0.0 - 0.5 ft	EF-73A-0.0-0.5	JB95926-1A	6/1/2015	N			0.39	J	8.3		16.0		< 0.21	UJ	15.5	
EF-73A	2.0 - 2.5 ft	EF-73A-2.0-2.5	JB95926-2	6/1/2015	N	< 0.23	UJ										
EF-73A	2.0 - 2.5 ft	EF-73A-2.0-2.5	JB95926-2A	6/1/2015	N			< 0.38	UJ	14.2		28.2		< 0.23	UJ	26.2	
EF-73A	4.0 - 4.5 ft	EF-73A-4.0-4.5	JB95926-3A	6/1/2015	N			0.48	J	16.8		18.8		< 0.20	UJ	21.2	
EF-73A	4.0 - 4.5 ft	EF-73A-4.0-4.5	JB95926-3R	6/1/2015	N	6.1	J										
EF-73A	6.0 - 6.5 ft	EF-73A-6.0-6.5	JB95926-4	6/1/2015	N	< 0.24	UJ										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-73A	6.0 - 6.5 ft	EF-73A-6.0-6.5	JB95926-4A	6/1/2015	N			< 0.32	UJ	17.1		15.2		< 0.19	UJ	22.1	
EF-73A	8.0 - 8.5 ft	EF-73A-8.0-8.5	JB95926-5A	6/1/2015	N			< 0.31	UJ	13.3		15.0		< 0.19	UJ	18.0	
EF-73A	8.0 - 8.5 ft	EF-73A-8.0-8.5	JB95926-5R	6/1/2015	N	0.28	J										
EF-73A	10.0 - 10.5 ft	EF-73A-10.0-10.5	JB95926-8A	6/1/2015	N			< 0.37	UJ	25.1		13.9		< 0.23	UJ	34.8	
EF-73A	10.0 - 10.5 ft	EF-73A-10.0-10.5	JB95926-8R	6/1/2015	N	1.4	J										
EF-73A	10.0 - 10.5 ft	EF-73A-10.0-10.5X	JB95926-9A	6/1/2015	FD			< 0.39	UJ	20.6		13.6		< 0.24	UJ	32.4	
EF-73A	10.0 - 10.5 ft	EF-73A-10.0-10.5X	JB95926-9R	6/1/2015	FD	0.95	J										
EF-73A	12.0 - 12.5 ft	EF-73A-12.0-12.5	JB95926-10A	6/1/2015	N			< 0.38	UJ	20.8		14.9		< 0.23	UJ	32.3	
EF-73A	12.0 - 12.5 ft	EF-73A-12.0-12.5	JB95926-10R	6/1/2015	N	4.7	J										
EF-73A	14.0 - 14.5 ft	EF-73A-14.0-14.5	JB95926-11A	6/1/2015	N			< 0.36	UJ	42.5		12.4		< 0.22	UJ	25.0	
EF-73A	14.0 - 14.5 ft	EF-73A-14.0-14.5	JB95926-11R	6/1/2015	N	8.9	J										
EF-73A	16.0 - 16.5 ft	EF-73A-16.0-16.5	JB95926-12A	6/1/2015	N			< 0.35	UJ	28.6		9.6		< 0.21	UJ	18.8	
EF-73A	16.0 - 16.5 ft	EF-73A-16.0-16.5	JB95926-12R	6/1/2015	N	6.3	J										
EF-73A	18.0 - 18.5 ft	EF-73A-18.0-18.5	JB95926-13	6/1/2015	N	7.6	J										
EF-73A	18.0 - 18.5 ft	EF-73A-18.0-18.5	JB95926-13A	6/1/2015	N			< 0.37	UJ	31.5		13.0		< 0.23	UJ	20.1	
EF-73A	20.0 - 20.5 ft	EF-73A-20.0-20.5	JB96034-2	6/2/2015	N	7.7											
EF-73A	20.0 - 20.5 ft	EF-73A-20.0-20.5	JB96034-2A	6/2/2015	N			< 0.39	U	22.6		5.5		< 0.24	UJ	10.6	
EF-73A	22.0 - 22.5 ft	EF-73A-22.0-22.5	JB96034-3	6/2/2015	N	14.8											
EF-73A	22.0 - 22.5 ft	EF-73A-22.0-22.5	JB96034-3A	6/2/2015	N			< 0.32	U	36.4		6.6		< 0.19	UJ	9.8	
EF-73A	24.0 - 24.5 ft	EF-73A-24.0-24.5	JB96034-4	6/2/2015	N	***27.7***											
EF-73A	24.0 - 24.5 ft	EF-73A-24.0-24.5	JB96034-4A	6/2/2015	N			< 0.35	U	56.7		9.3		< 0.22	UJ	25.8	
EF-73A	26.0 - 26.5 ft	EF-73A-26.0-26.5	JB96034-5	6/2/2015	N	***38.9***											
EF-73A	26.0 - 26.5 ft	EF-73A-26.0-26.5	JB96034-5A	6/2/2015	N			< 0.36	U	67.6		12.1		< 0.22	UJ	19.5	
EF-73A	28.0 - 28.5 ft	EF-73A-28.0-28.5	JB96034-6	6/2/2015	N	***148***											
EF-73A	28.0 - 28.5 ft	EF-73A-28.0-28.5	JB96034-6A	6/2/2015	N			< 0.34	U	119		7.8		< 0.21	UJ	17.0	
EF-73A	30.0 - 30.5 ft	EF-73A-30.0-30.5	JB96034-9	6/2/2015	N	***118***											
EF-73A	30.0 - 30.5 ft	EF-73A-30.0-30.5	JB96034-9A	6/2/2015	N			< 0.31	U	118		4.9		< 0.19	UJ	10.4	
EF-73A	32.0 - 32.5 ft	EF-73A-32.0-32.5	JB96034-10	6/2/2015	N	14.5											
EF-73A	32.0 - 32.5 ft	EF-73A-32.0-32.5	JB96034-10A	6/2/2015	N			< 0.36	U	68.9		6.0		< 0.22	UJ	11.0	
EF-73A	34.0 - 34.5 ft	EF-73A-34.0-34.5	JB96034-11	6/2/2015	N	0.40	J										
EF-73A	34.0 - 34.5 ft	EF-73A-34.0-34.5	JB96034-11A	6/2/2015	N			< 0.37	U	22.6		8.0		< 0.23	UJ	12.1	
EF-73A	36.0 - 36.5 ft	EF-73A-36.0-36.5	JB96034-12	6/2/2015	N	< 0.23	U										
EF-73A	36.0 - 36.5 ft	EF-73A-36.0-36.5	JB96034-12A	6/2/2015	N			< 0.37	U	9.0		3.9	J	< 0.23	UJ	10.2	
EF-73A	38.0 - 38.5 ft	EF-73A-38.0-38.5	JB96034-13	6/2/2015	N	< 0.23	U										
EF-73A	38.0 - 38.5 ft	EF-73A-38.0-38.5	JB96034-13A	6/2/2015	N			< 0.38	U	5.2		3.2	J	< 0.23	UJ	8.8	
EF-73A	39.5 - 40.0 ft	EF-73A-39.5-40.0	JB96034-14	6/2/2015	N	< 0.22	U										
EF-73A	39.5 - 40.0 ft	EF-73A-39.5-40.0	JB96034-14A	6/2/2015	N			< 0.36	U	6.6		4.6		< 0.22	UJ	10.7	
EF-74	2.5 - 3.0 ft	EF-B74-2.5	460-29620-1	8/5/2011	N	5.7	J										
EF-74	6.0 - 6.5 ft	EF-B74-6.0	460-29620-2	8/5/2011	N	0.75	J										
EF-74	11.0 - 11.5 ft	EF-B74-11.0	460-29620-3	8/5/2011	N	< 0.58	UJ										
EF-74	16.5 - 17.0 ft	EF-B74-16.5	460-29620-4	8/5/2011	N	< 0.59	UJ										
EF-74	22.5 - 23.0 ft	EF-B74-22.5	460-29620-5	8/5/2011	N	< 0.58	UJ										
EF-75	7.5 - 8.0 ft	EF-B75-7.5	460-29712-1	8/8/2011	N	< 0.66	U										
EF-75	10.0 - 10.5 ft	EF-B75-10.0	460-29712-2	8/8/2011	N	< 0.62	U										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
EF-81	0.5 - 1.0 ft	EF-B81-0.5	460-29596-22	8/4/2011	N	7.6											
EF-82	0.5 - 1.0 ft	EF-B82-0.5	460-29596-23	8/4/2011	N	< 0.58	U										
EF-83	0.5 - 1.0 ft	EF-B83-0.5	460-29596-24	8/4/2011	N	9.9											
EF-84	0.5 - 1.0 ft	EF-B84-0.5	460-29596-25	8/4/2011	N	4.8											
EF-91	2.0 - 2.5 ft	EF-B091-2.0-2.5	JB15125-4	8/30/2012	N	***43.8***		< 0.41	UJ	9520		90.0		3.0		74.9	
EF-91	4.0 - 4.5 ft	EF-B091-4.0-4.5	JB15125-1	8/30/2012	N	0.74		10.3	J	1110		47.2		0.57	J	34.4	
EF-91	4.0 - 4.5 ft	EF-B091-4.0-4.5X	JB15125-2	8/30/2012	FD	0.89		< 0.21	UJ	1410		55.5		0.86	J	36.3	
EF-94	2.5 - 3.0 ft	EF-B94-2.5	460-29902-1	8/12/2011	N			2.8									
EF-97	2.5 - 3.0 ft	EF-B97-2.5	460-29852-16	8/11/2011	N							17.1					
EF-98	2.5 - 3.0 ft	EF-B98-2.5	460-29852-17	8/11/2011	N							27.4					
EF-99	0.5 - 1.0 ft	EF-B099-0.5-1.0	JB15380-5	9/4/2012	N	19.6	J	1.1	J								
EF-99	0.5 - 1.0 ft	EF-B099-0.5-1.0X	JB15380-4	9/4/2012	FD			1.2	J								
EF-99	2.5 - 3.0 ft	EF-B099-2.5-3.0	JB15380-3	9/4/2012	N	7.2	J										
FBP-I31A	1.0 - 1.5 ft	FBP-I31A-1.0-1.5	JB66207-2A	5/5/2014	N			1.5	J	504		72.5	J	0.61	J	61.7	J
FBP-I31A	3.0 - 3.5 ft	FBP-I31A-3.0-3.5	JB66207-3A	5/5/2014	N			1.7	J	82.4		31.3	J	< 0.53	U	30.0	J
FBP-I31A	3.0 - 3.5 ft	FBP-I31A-3.0-3.5X	JB66207-4A	5/5/2014	FD			7.2	J	98.8		56.1	J	< 0.52	U	34.5	J
FBP-I31A	5.0 - 5.5 ft	FBP-I31A-5.0-5.5	JB66207-5A	5/5/2014	N			1.6	J	75.0		21.4	J	< 0.41	U	21.1	J
FBP-I31A	7.0 - 7.5 ft	FBP-I31A-7.0-7.5	JB66207-6A	5/5/2014	N			< 0.27	UJ	24.7		16.4	J	< 0.41	U	25.7	J
FBP-I31A	9.0 - 9.5 ft	FBP-I31A-9.0-9.5	JB66207-7A	5/5/2014	N			0.41	J	18.9		14.2	J	< 0.42	U	17.5	J
FBP-I31A	11.0 - 11.5 ft	FBP-I31A-11.0-11.5	JB66207-8A	5/5/2014	N			3.7	J	14.0		9.6	J	< 0.41	U	12.6	J
FBP-J31A	9.0 - 9.5 ft	FBP-J31A-9.0-9.5	JB66207-18A	5/5/2014	N			< 0.28	U	518	J	15.3		< 0.42	U	90.3	
FBP-J31A	11.0 - 11.5 ft	FBP-J31A-11.0-11.5	JB66207-19A	5/5/2014	N			< 0.28	U	178	J	23.6		< 0.42	U	44.2	
FBP-J31A	11.0 - 11.5 ft	FBP-J31A-11.0-11.5X	JB66207-20A	5/5/2014	FD			< 0.28	U	116	J	17.3		< 0.42	U	33.4	
FBP-J31A	13.0 - 13.5 ft	FBP-J31A-13.0-13.5	JB66207-21A	5/5/2014	N			0.28	J	55.6	J	23.8		0.58	J	44.8	
FBP-J31A	15.0 - 15.5 ft	FBP-J31A-15.0-15.5	JB66207-22A	5/5/2014	N			0.34	J	947	J	25.3		< 0.42	U	44.8	
FBP-J31A	16.0 - 17.0 ft	FBP-J31A-16.5-17.0	JB66207-23A	5/5/2014	N			0.97	J	897	J	31.2		0.49	J	41.3	
FBP-J31A	17.0 - 17.5 ft	FBP-J31A-17.0-17.5	JB66207-24A	5/5/2014	N			< 0.28	U	52.7	J	14.1		< 0.42	U	27.8	
FS1	0.3 - 0.8 ft	FS1-0.3-0.8	JB63511-1A	4/1/2014	N			0.37	J	59.7	J	16.3		< 0.43	U	42.8	
FS1	0.3 - 0.8 ft	FS1-0.3-0.8	JB63511-1R	4/1/2014	N	1.2	J										
FS1	2.0 - 2.5 ft	FS1-2.0-2.5	JB63511-2	4/1/2014	N	1.2	J										
FS1	2.0 - 2.5 ft	FS1-2.0-2.5	JB63511-2A	4/1/2014	N			< 0.31	UJ	19.9	J	9.8		< 0.48	U	56.7	
FS1	5.0 - 5.5 ft	FS1-5.0-5.5	JB63511-3	4/1/2014	N	13.7	J										
FS1	5.0 - 5.5 ft	FS1-5.0-5.5	JB63511-3A	4/1/2014	N			< 0.34	UJ	141	J	14.2		< 0.52	U	17.9	
FS1	5.0 - 5.5 ft	FS1-5.0-5.5X	JB63511-4A	4/1/2014	FD			< 0.32	UJ	67.8	J	12.8		< 0.49	U	29.8	
FS1	5.0 - 5.5 ft	FS1-5.0-5.5X	JB63511-4R	4/1/2014	FD	17.4	J										
FS1	7.0 - 7.5 ft	FS1-7.0-7.5	JB63511-5	4/1/2014	N	7.8	J										
FS1	7.0 - 7.5 ft	FS1-7.0-7.5	JB63511-5A	4/1/2014	N			< 0.31	UJ	108	J	12.1		< 0.48	U	24.9	
FS1	9.0 - 9.5 ft	FS1-9.0-9.5	JB63511-6A	4/1/2014	N			< 0.34	UJ	38.1	J	6.2		< 0.52	U	14.9	
FS1	9.0 - 9.5 ft	FS1-9.0-9.5	JB63511-6R	4/1/2014	N	6.6	J										
FS1	11.0 - 11.5 ft	FS1-11.0-11.5	JB63511-8A	4/1/2014	N			< 0.37	UJ	49.3	J	7.5		< 0.56	U	18.7	
FS1	11.0 - 11.5 ft	FS1-11.0-11.5	JB63511-8R	4/1/2014	N	8.0	J										
FS1	13.0 - 13.5 ft	FS1-13.0-13.5	JB63511-9A	4/1/2014	N			< 0.34	UJ	50.2	J	5.3		< 0.51	U	13.8	
FS1	13.0 - 13.5 ft	FS1-13.0-13.5	JB63511-9R	4/1/2014	N	16.3	J										
FS1	15.0 - 15.5 ft	FS1-15.0-15.5	JB63511-10	4/1/2014	N	10.8	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS1	15.0 - 15.5 ft	FS1-15.0-15.5	JB63511-10A	4/1/2014	N			< 0.32	UJ	300	J	10.0		< 0.49	U	17.7	
FS1	17.0 - 17.5 ft	FS1-17.0-17.5	JB63511-11	4/1/2014	N	12.2	J										
FS1	17.0 - 17.5 ft	FS1-17.0-17.5	JB63511-11A	4/1/2014	N			< 0.30	UJ	501	J	6.5		< 0.46	U	13.6	
FS1	20.0 - 20.5 ft	FS1-20.0-20.5	JB63511-13A	4/1/2014	N			< 0.32	UJ	325	J	7.0		< 0.49	U	13.5	
FS1	20.0 - 20.5 ft	FS1-20.0-20.5	JB63511-13R	4/1/2014	N	10.5	J										
FS1	22.0 - 22.5 ft	FS1-22.0-22.5	JB63511-14A	4/1/2014	N			< 0.32	UJ	102	J	5.6		< 0.48	U	12.5	
FS1	22.0 - 22.5 ft	FS1-22.0-22.5	JB63511-14R	4/1/2014	N	6.8	J										
FS1	25.0 - 25.5 ft	FS1-25.0-25.5	JB63511-15A	4/1/2014	N			< 0.34	UJ	99.6	J	5.0		< 0.51	U	11.0	
FS1	25.0 - 25.5 ft	FS1-25.0-25.5	JB63511-15R	4/1/2014	N	20.0	J										
FS1	27.0 - 27.5 ft	FS1-27.0-27.5	JB63511-16A	4/1/2014	N			< 0.33	UJ	24.8	J	6.6		< 1.5	U	12.9	
FS1	27.0 - 27.5 ft	FS1-27.0-27.5	JB63511-16R	4/1/2014	N	9.8	J										
FS1	29.0 - 29.5 ft	FS1-29.0-29.5	JB63511-17A	4/1/2014	N			< 0.34	UJ	6.3	J	3.6	J	< 0.51	U	9.6	
FS1	29.0 - 29.5 ft	FS1-29.0-29.5	JB63511-17R	4/1/2014	N	0.61	J										
FS1	31.0 - 31.5 ft	FS1-31.0-31.5	JB63511-18A	4/1/2014	N			< 0.33	UJ	33.6	J	4.3	J	< 0.49	U	10.4	
FS1	31.0 - 31.5 ft	FS1-31.0-31.5	JB63511-18R	4/1/2014	N	0.64	J										
FS1	33.0 - 33.5 ft	FS1-33.0-33.5	JB63511-20A	4/1/2014	N			< 0.35	UJ	5.9	J	3.5	J	< 0.53	U	10.6	
FS1	33.0 - 33.5 ft	FS1-33.0-33.5	JB63511-20R	4/1/2014	N	0.28	J										
FS1	35.0 - 35.5 ft	FS1-35.0-35.5	JB63511-21A	4/1/2014	N			< 0.34	UJ	10.3	J	7.7		< 0.51	U	14.4	
FS1	35.0 - 35.5 ft	FS1-35.0-35.5	JB63511-21R	4/1/2014	N	0.46	J										
FS1	37.0 - 37.5 ft	FS1-37.0-37.5	JB63511-22A	4/1/2014	N			< 0.33	UJ	7.4	J	5.5		< 0.49	U	12.5	
FS1	37.0 - 37.5 ft	FS1-37.0-37.5	JB63511-22R	4/1/2014	N	0.17	J										
FS10	0.3 - 0.8 ft	FS10-0.3-0.8	JB61029-1	3/4/2014	N	2.3	J										
FS10	0.3 - 0.8 ft	FS10-0.3-0.8	JB61029-1A	3/4/2014	N			< 0.24	UJ	21.9	J	12.7		0.37	J	43.5	J
FS10	2.0 - 2.5 ft	FS10-2.0-2.5	JB61029-2	3/4/2014	N	***21.0***	***J***										
FS10	2.0 - 2.5 ft	FS10-2.0-2.5	JB61029-2A	3/4/2014	N			2.0	J	960	J	94.5		0.53	J	103	J
FS10	2.0 - 2.5 ft	FS10-2.0-2.5X	JB61029-3	3/4/2014	FD	***26.3***	***J***										
FS10	2.0 - 2.5 ft	FS10-2.0-2.5X	JB61029-3A	3/4/2014	FD			2.6	J	1120	J	91.3		0.76	J	97.8	J
FS10	4.0 - 4.5 ft	FS10-4.0-4.5	JB61029-4	3/4/2014	N	< 0.081	UJ										
FS10	4.0 - 4.5 ft	FS10-4.0-4.5	JB61029-4A	3/4/2014	N			< 0.28	UJ	55.5	J	20.0		< 0.35	U	27.6	J
FS10	6.0 - 6.5 ft	FS10-6.0-6.5	JB61029-5	3/4/2014	N	< 0.093	UJ										
FS10	6.0 - 6.5 ft	FS10-6.0-6.5	JB61029-5A	3/4/2014	N			< 0.33	UJ	15.6	J	16.8		< 0.41	U	20.1	J
FS10	8.0 - 8.5 ft	FS10-8.0-8.5	JB61029-6	3/4/2014	N	5.6	J										
FS10	8.0 - 8.5 ft	FS10-8.0-8.5	JB61029-6A	3/4/2014	N			3.0	J	2910	J	16.4		< 0.38	U	20.6	J
FS10	10.0 - 10.5 ft	FS10-10.0-10.5	JB61029-8	3/4/2014	N	***47.0***	***J***										
FS10	10.0 - 10.5 ft	FS10-10.0-10.5	JB61029-8A	3/4/2014	N			< 0.29	UJ	100	J	10.8		< 0.71	U	22.6	J
FS10	12.0 - 12.5 ft	FS10-12.0-12.5	JB61029-9	3/4/2014	N	4.0	J										
FS10	12.0 - 12.5 ft	FS10-12.0-12.5	JB61029-9A	3/4/2014	N			< 0.29	UJ	43.9	J	12.5		0.38	J	23.9	J
FS10	20.0 - 20.5 ft	FS10-20.0-20.5	JB61029-10	3/4/2014	N	1.5	J										
FS10	20.0 - 20.5 ft	FS10-20.0-20.5	JB61029-10A	3/4/2014	N			< 0.30	UJ	15.2	J	9.5		0.91	J	17.5	J
FS10	22.0 - 22.5 ft	FS10-22.0-22.5	JB61029-11	3/4/2014	N	1.3	J										
FS10	22.0 - 22.5 ft	FS10-22.0-22.5	JB61029-11A	3/4/2014	N			< 0.28	UJ	16.6	J	9.9		0.39	J	16.8	J
FS10	24.0 - 24.5 ft	FS10-24.0-24.5	JB61029-12	3/4/2014	N	< 0.085	UJ										
FS10	24.0 - 24.5 ft	FS10-24.0-24.5	JB61029-12A	3/4/2014	N			< 0.28	UJ	8.8	J	3.4	J	< 0.35	U	9.7	J
FS10	26.0 - 26.5 ft	FS10-26.0-26.5	JB61029-14	3/4/2014	N	< 0.083	UJ										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS10	26.0 - 26.5 ft	FS10-26.0-26.5	JB61029-14A	3/4/2014	N			< 0.29	UJ	8.9	J	4.4	J	0.37	J	10.8	J
FS10	28.0 - 28.5 ft	FS10-28.0-28.5	JB61029-15	3/4/2014	N	< 0.086	UJ										
FS10	28.0 - 28.5 ft	FS10-28.0-28.5	JB61029-15A	3/4/2014	N			< 0.30	UJ	12.1	J	9.7		0.45	J	16.1	J
FS10	30.0 - 30.5 ft	FS10-30.0-30.5	JB61029-17	3/4/2014	N	< 0.082	UJ										
FS10	30.0 - 30.5 ft	FS10-30.0-30.5	JB61029-17A	3/4/2014	N			< 0.29	UJ	19.4	J	10.9		0.45	J	13.4	J
FS10	32.0 - 32.5 ft	FS10-32.0-32.5	JB61029-18	3/4/2014	N	< 0.086	UJ										
FS10	32.0 - 32.5 ft	FS10-32.0-32.5	JB61029-18A	3/4/2014	N			< 0.30	UJ	7.4	J	4.4	J	< 0.37	U	12.1	J
FS10	34.0 - 34.5 ft	FS10-34.0-34.5	JB61029-19	3/4/2014	N	0.58	J										
FS10	34.0 - 34.5 ft	FS10-34.0-34.5	JB61029-19A	3/4/2014	N			< 0.27	UJ	11.4	J	7.1		0.39	J	13.9	J
FS10	36.0 - 36.5 ft	FS10-36.0-36.5	JB61029-20	3/4/2014	N	7.1	J										
FS10	36.0 - 36.5 ft	FS10-36.0-36.5	JB61029-20A	3/4/2014	N			< 0.30	UJ	17.3	J	16.7		0.53	J	21.4	J
FS10	38.0 - 38.5 ft	FS10-38.0-38.5	JB61029-21	3/4/2014	N	< 0.085	UJ										
FS10	38.0 - 38.5 ft	FS10-38.0-38.5	JB61029-21A	3/4/2014	N			< 0.28	UJ	10.2	J	6.9		< 0.34	U	14.5	J
FS10	40.0 - 40.5 ft	FS10-40.0-40.5	JB61029-22	3/4/2014	N	0.58	J										
FS10	40.0 - 40.5 ft	FS10-40.0-40.5	JB61029-22A	3/4/2014	N			< 0.30	UJ	9.3	J	6.6		< 0.37	U	14.1	J
FS11	0.0 - 0.5 ft	FS11-0.0-0.5	JB59711-1	2/12/2014	N	0.47											
FS11	0.0 - 0.5 ft	FS11-0.0-0.5	JB59711-1A	2/12/2014	N			0.37	J	27.4		19.4		< 0.32	U	29.6	
FS11	2.0 - 2.5 ft	FS11-2.0-2.5	JB59711-2	2/12/2014	N	2.3											
FS11	2.0 - 2.5 ft	FS11-2.0-2.5	JB59711-2A	2/12/2014	N			1.3	J	23.1		107		< 0.36	U	18.4	
FS11	4.0 - 4.5 ft	FS11-4.0-4.5	JB59711-3	2/12/2014	N	0.23	J										
FS11	4.0 - 4.5 ft	FS11-4.0-4.5	JB59711-3A	2/12/2014	N			0.38	J	18.3		19.0		< 0.36	U	23.5	
FS11	6.0 - 6.5 ft	FS11-6.0-6.5	JB59711-4	2/12/2014	N	0.12	J										
FS11	6.0 - 6.5 ft	FS11-6.0-6.5	JB59711-4A	2/12/2014	N			< 0.30	UJ	18.1		17.1		< 0.37	U	24.4	
FS11	8.0 - 8.5 ft	FS11-8.0-8.5	JB59711-5	2/12/2014	N	0.29	J										
FS11	8.0 - 8.5 ft	FS11-8.0-8.5	JB59711-5A	2/12/2014	N			0.30	J	17.7		18.7		< 0.36	U	22.8	
FS11	10.0 - 10.5 ft	FS11-10.0-10.5	JB59711-7	2/12/2014	N	0.45	J										
FS11	10.0 - 10.5 ft	FS11-10.0-10.5	JB59711-7A	2/12/2014	N			< 0.28	UJ	17.0		12.0		0.47	J	31.5	
FS11	12.0 - 12.5 ft	FS11-12.0-12.5	JB59711-8	2/12/2014	N	0.096	J										
FS11	12.0 - 12.5 ft	FS11-12.0-12.5	JB59711-8A	2/12/2014	N			< 0.27	UJ	29.4		18.9		< 0.33	U	26.9	
FS11	14.0 - 14.5 ft	FS11-14.0-14.5	JB59711-9	2/12/2014	N	0.27	J										
FS11	14.0 - 14.5 ft	FS11-14.0-14.5	JB59711-9A	2/12/2014	N			< 0.26	UJ	12.7		10.0		< 0.33	U	23.1	
FS11	16.0 - 16.5 ft	FS11-16.0-16.5	JB59711-10	2/12/2014	N	< 0.078	U										
FS11	16.0 - 16.5 ft	FS11-16.0-16.5	JB59711-10A	2/12/2014	N			< 0.27	UJ	9.7		6.9		< 0.34	U	19.2	
FS11	18.0 - 18.5 ft	FS11-18.0-18.5	JB59711-11	2/12/2014	N	0.15	J										
FS11	18.0 - 18.5 ft	FS11-18.0-18.5	JB59711-11A	2/12/2014	N			< 0.27	UJ	14.8		14.4		< 0.33	U	22.8	
FS11	20.0 - 20.5 ft	FS11-20.0-20.5	JB59711-15	2/12/2014	N	0.18	J										
FS11	20.0 - 20.5 ft	FS11-20.0-20.5	JB59711-15A	2/12/2014	N			< 0.30	UJ	13.6		8.8		< 0.37	U	16.8	
FS11	22.0 - 22.5 ft	FS11-22.0-22.5	JB59711-16	2/12/2014	N	0.33	J										
FS11	22.0 - 22.5 ft	FS11-22.0-22.5	JB59711-16A	2/12/2014	N			< 0.31	UJ	36.5		13.8		< 0.38	U	19.5	
FS11	24.0 - 24.5 ft	FS11-24.0-24.5	JB59711-17	2/12/2014	N	0.17	J										
FS11	24.0 - 24.5 ft	FS11-24.0-24.5	JB59711-17A	2/12/2014	N			< 0.29	UJ	10.1		8.3		< 0.36	U	15.5	
FS11	26.0 - 26.5 ft	FS11-26.0-26.5	JB59711-19	2/12/2014	N	0.79											
FS11	26.0 - 26.5 ft	FS11-26.0-26.5	JB59711-19A	2/12/2014	N			< 0.32	UJ	67.7		16.5		< 0.39	U	16.8	
FS11	28.0 - 28.5 ft	FS11-28.0-28.5	JB59711-20	2/12/2014	N	< 0.086	U										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS11	28.0 - 28.5 ft	FS11-28.0-28.5	JB59711-20A	2/12/2014	N			< 0.30	UJ	9.6		7.6		< 0.37	U	14.7	
FS11	30.0 - 30.5 ft	FS11-30.0-30.5	JB59711-21	2/12/2014	N	1.1											
FS11	30.0 - 30.5 ft	FS11-30.0-30.5	JB59711-21A	2/12/2014	N			< 0.30	UJ	24.4		9.8		< 0.38	U	16.0	
FS11	32.0 - 32.5 ft	FS11-32.0-32.5	JB59711-22	2/12/2014	N	< 0.083	U										
FS11	32.0 - 32.5 ft	FS11-32.0-32.5	JB59711-22A	2/12/2014	N			< 0.29	UJ	5.4		3.7	J	< 0.36	U	10	
FS11	34.0 - 34.5 ft	FS11-34.0-34.5	JB59711-23	2/12/2014	N	0.11	J										
FS11	34.0 - 34.5 ft	FS11-34.0-34.5	JB59711-23A	2/12/2014	N			< 0.27	UJ	7.5		5.7		< 0.34	U	11.4	
FS12	0.0 - 0.5 ft	FS12-0.0-0.5	JB59605-1	2/11/2014	N	4.5	J										
FS12	0.0 - 0.5 ft	FS12-0.0-0.5	JB59605-1A	2/11/2014	N			0.82	J	156		42.6	J	< 0.34	U	109	J
FS12	2.0 - 2.5 ft	FS12-2.0-2.5	JB59605-2A	2/11/2014	N			7.2	J	437		224	J	1.5	J	122	J
FS12	2.0 - 2.5 ft	FS12-2.0-2.5	JB59605-2R	2/11/2014	N	3.8	J										
FS12	4.0 - 4.5 ft	FS12-4.0-4.5	JB59605-3	2/11/2014	N	0.28	J										
FS12	4.0 - 4.5 ft	FS12-4.0-4.5	JB59605-3A	2/11/2014	N			1.5	J	15.6		27.6	J	0.94	J	40.8	J
FS12	4.0 - 4.5 ft	FS12-4.0-4.5X	JB59605-4	2/11/2014	FD	0.18	J										
FS12	4.0 - 4.5 ft	FS12-4.0-4.5X	JB59605-4A	2/11/2014	FD			1.4	J	11.4		35.3	J	0.58	J	21.5	J
FS12	6.0 - 6.5 ft	FS12-6.0-6.5	JB59605-5A	2/11/2014	N			2.1	J	15.1		30.1	J	< 0.29	U	19.9	J
FS12	6.0 - 6.5 ft	FS12-6.0-6.5	JB59605-5R	2/11/2014	N	0.73	J										
FS12	8.0 - 8.5 ft	FS12-8.0-8.5	JB59605-6	2/11/2014	N	0.55	J										
FS12	8.0 - 8.5 ft	FS12-8.0-8.5	JB59605-6A	2/11/2014	N			0.63	J	21.3		15.4	J	< 0.29	U	29.6	J
FS12	10.0 - 10.5 ft	FS12-10.0-10.5	JB59605-8A	2/11/2014	N			0.49	J	17.4		16.3	J	< 0.38	U	24.5	J
FS12	10.0 - 10.5 ft	FS12-10.0-10.5	JB59605-8R	2/11/2014	N	0.47	J										
FS12	12.0 - 12.5 ft	FS12-12.0-12.5	JB59605-9A	2/11/2014	N			0.31	J	25.3		16.7	J	< 0.34	U	35.1	J
FS12	12.0 - 12.5 ft	FS12-12.0-12.5	JB59605-9R	2/11/2014	N	0.84	J										
FS12	14.0 - 14.5 ft	FS12-14.0-14.5	JB59605-10A	2/11/2014	N			0.60	J	23.5		22.1	J	< 1.0	U	31.2	J
FS12	14.0 - 14.5 ft	FS12-14.0-14.5	JB59605-10R	2/11/2014	N	0.56	J										
FS12	16.0 - 16.5 ft	FS12-16.0-16.5	JB59605-11A	2/11/2014	N			0.60	J	26.4		20.2	J	< 0.96	U	30.8	J
FS12	16.0 - 16.5 ft	FS12-16.0-16.5	JB59605-11R	2/11/2014	N	0.87	J										
FS12	18.0 - 18.5 ft	FS12-18.0-18.5	JB59605-12A	2/11/2014	N			< 0.28	UJ	16.2		8.8	J	< 0.34	U	23.2	J
FS12	18.0 - 18.5 ft	FS12-18.0-18.5	JB59605-12R	2/11/2014	N	0.90	J										
FS12	20.0 - 20.5 ft	FS12-20.0-20.5	JB59605-14A	2/11/2014	N			0.28	J	34.1		14.9	J	< 0.33	U	40.0	J
FS12	20.0 - 20.5 ft	FS12-20.0-20.5	JB59605-14R	2/11/2014	N	0.85	J										
FS12	22.0 - 22.5 ft	FS12-22.0-22.5	JB59605-15A	2/11/2014	N			< 0.27	UJ	11.3		8.7	J	< 0.33	U	17.1	J
FS12	22.0 - 22.5 ft	FS12-22.0-22.5	JB59605-15R	2/11/2014	N	0.73	J										
FS12	24.0 - 24.5 ft	FS12-24.0-24.5	JB59605-16A	2/11/2014	N			< 0.27	UJ	7.4		6.6	J	< 0.34	U	12.0	J
FS12	24.0 - 24.5 ft	FS12-24.0-24.5	JB59605-16R	2/11/2014	N	0.13	J										
FS12	26.0 - 26.5 ft	FS12-26.0-26.5	JB59605-17A	2/11/2014	N			< 0.30	UJ	12.4		9.7	J	0.46	J	17.1	J
FS12	26.0 - 26.5 ft	FS12-26.0-26.5	JB59605-17R	2/11/2014	N	0.43	J										
FS12	28.0 - 28.5 ft	FS12-28.0-28.5	JB59605-18A	2/11/2014	N			< 0.27	UJ	7.7		5.4	J	< 0.33	U	12.1	J
FS12	28.0 - 28.5 ft	FS12-28.0-28.5	JB59605-18R	2/11/2014	N	0.23	J										
FS12	30.0 - 30.5 ft	FS12-30.0-30.5	JB59605-20A	2/11/2014	N			0.34	J	18.6		6.6	J	< 0.36	U	14.7	J
FS12	30.0 - 30.5 ft	FS12-30.0-30.5	JB59605-20R	2/11/2014	N	0.69	J										
FS12	32.0 - 32.5 ft	FS12-32.0-32.5	JB59605-21A	2/11/2014	N			< 0.27	UJ	8.5		4.4	J	0.36	J	11.6	J
FS12	32.0 - 32.5 ft	FS12-32.0-32.5	JB59605-21R	2/11/2014	N	0.45	J										
FS12	34.0 - 34.5 ft	FS12-34.0-34.5	JB59605-22A	2/11/2014	N			0.31	J	18.7		18.1	J	0.36	J	24.1	J

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS12	34.0 - 34.5 ft	FS12-34.0-34.5	JB59605-22R	2/11/2014	N	< 0.086	UJ										
FS12	36.0 - 36.5 ft	FS12-36.0-36.5	JB59711-26	2/12/2014	N	0.15	J										
FS12	36.0 - 36.5 ft	FS12-36.0-36.5	JB59711-26A	2/12/2014	N			< 0.26	UJ	22.4		12.6		0.41	J	33.3	
FS12	38.0 - 38.5 ft	FS12-38.0-38.5	JB59711-27	2/12/2014	N	0.10	J										
FS12	38.0 - 38.5 ft	FS12-38.0-38.5	JB59711-27A	2/12/2014	N			< 0.26	UJ	17.5		9.7		< 0.33	U	27.8	
FS12	38.0 - 38.5 ft	FS12-38.0-38.5X	JB59711-28	2/12/2014	FD	0.11	J										
FS12	38.0 - 38.5 ft	FS12-38.0-38.5X	JB59711-28A	2/12/2014	FD			< 0.26	UJ	17.3		10.3		< 0.33	U	27.7	
FS12	40.0 - 40.5 ft	FS12-40.0-40.5	JB59711-30	2/12/2014	N	0.25	J										
FS12	40.0 - 40.5 ft	FS12-40.0-40.5	JB59711-30A	2/12/2014	N			< 0.26	UJ	19.1		12.8		< 0.32	U	30.8	
FS13	0.0 - 0.5 ft	FS13-0.0-0.5	JB59311-1	2/6/2014	N	***21.9***	***J***	< 0.27	U	48.6		22.8		< 0.34	U	32.4	
FS13	2.0 - 2.5 ft	FS13-2.0-2.5	JB59311-2	2/6/2014	N	< 0.083	UJ	3.3		121		12.3		< 0.34	U	32.1	
FS13	2.0 - 2.5 ft	FS13-2.0-2.5X	JB59311-3	2/6/2014	FD			2.5		93.0		11.5		< 0.36	U	25.2	
FS13	2.0 - 2.5 ft	FS13-2.0-2.5X	JB59311-3R	2/6/2014	FD	0.27	J										
FS13	4.0 - 4.5 ft	FS13-4.0-4.5	JB59311-4	2/6/2014	N			< 0.32	U	16.0		43.7		< 0.39	U	26.0	
FS13	4.0 - 4.5 ft	FS13-4.0-4.5	JB59311-4R	2/6/2014	N	0.17	J										
FS13	6.0 - 6.5 ft	FS13-6.0-6.5	JB59425-1	2/7/2014	N	0.56											
FS13	6.0 - 6.5 ft	FS13-6.0-6.5	JB59425-1A	2/7/2014	N			1.2	J	15.5		15.0		< 0.40	U	20.4	
FS13	8.0 - 8.5 ft	FS13-8.0-8.5	JB59425-2	2/7/2014	N	0.44	J										
FS13	8.0 - 8.5 ft	FS13-8.0-8.5	JB59425-2A	2/7/2014	N			0.56	J	19.7		27.9		< 0.39	U	26.2	
FS13	8.0 - 8.5 ft	FS13-8.0-8.5X	JB59425-3	2/7/2014	FD	0.87											
FS13	8.0 - 8.5 ft	FS13-8.0-8.5X	JB59425-3A	2/7/2014	FD			0.48	J	16.1		26.5		< 0.36	U	21.0	
FS13	10.0 - 10.5 ft	FS13-10.0-10.5	JB59425-5	2/7/2014	N	0.73											
FS13	10.0 - 10.5 ft	FS13-10.0-10.5	JB59425-5A	2/7/2014	N			1.2	J	24.3		16.1		< 0.37	U	37.9	
FS13	12.0 - 12.5 ft	FS13-12.0-12.5	JB59425-6	2/7/2014	N	0.33	J										
FS13	12.0 - 12.5 ft	FS13-12.0-12.5	JB59425-6A	2/7/2014	N			0.73	J	18.7		11.1		< 0.37	U	25.5	
FS13	14.0 - 14.5 ft	FS13-14.0-14.5	JB59425-7	2/7/2014	N	0.29	J										
FS13	14.0 - 14.5 ft	FS13-14.0-14.5	JB59425-7A	2/7/2014	N			0.79	J	17.1		13.2		< 0.34	U	19.2	
FS13	16.0 - 16.5 ft	FS13-16.0-16.5	JB59425-8	2/7/2014	N	0.16	J										
FS13	16.0 - 16.5 ft	FS13-16.0-16.5	JB59425-8A	2/7/2014	N			0.64	J	13.4		14.6		< 0.37	U	19.6	
FS13	18.0 - 18.5 ft	FS13-18.0-18.5	JB59425-9	2/7/2014	N	0.14	J										
FS13	18.0 - 18.5 ft	FS13-18.0-18.5	JB59425-9A	2/7/2014	N			0.83	J	10.1		5.9		< 0.34	U	16.5	
FS13	20.0 - 20.5 ft	FS13-20.0-20.5	JB59519-1	2/10/2014	N	< 0.086	U										
FS13	20.0 - 20.5 ft	FS13-20.0-20.5	JB59519-1A	2/10/2014	N			< 0.31	UJ	11.0		8.7		0.67	J	16.8	
FS13	22.0 - 22.5 ft	FS13-22.0-22.5	JB59519-2	2/10/2014	N	0.11	J										
FS13	22.0 - 22.5 ft	FS13-22.0-22.5	JB59519-2A	2/10/2014	N			< 0.29	UJ	9.3		7.3		0.50	J	13.0	
FS13	22.0 - 22.5 ft	FS13-22.0-22.5X	JB59519-3	2/10/2014	FD	0.22	J										
FS13	22.0 - 22.5 ft	FS13-22.0-22.5X	JB59519-3A	2/10/2014	FD			< 0.29	UJ	7.9		6.2		< 0.36	U	11.9	
FS13	24.0 - 24.5 ft	FS13-24.0-24.5	JB59519-4	2/10/2014	N	0.10	J										
FS13	24.0 - 24.5 ft	FS13-24.0-24.5	JB59519-4A	2/10/2014	N			< 0.29	UJ	13.2		9.9		0.76	J	21.0	
FS13	26.0 - 26.5 ft	FS13-26.0-26.5	JB59519-5	2/10/2014	N	< 0.085	U										
FS13	26.0 - 26.5 ft	FS13-26.0-26.5	JB59519-5A	2/10/2014	N			< 0.29	UJ	6.2		3.5	J	0.37	J	9.2	
FS13	28.0 - 28.5 ft	FS13-28.0-28.5	JB59519-6	2/10/2014	N	< 0.084	U										
FS13	28.0 - 28.5 ft	FS13-28.0-28.5	JB59519-6A	2/10/2014	N			< 0.29	UJ	6.5		4.2	J	< 0.36	U	10.5	
FS13	30.0 - 30.5 ft	FS13-30.0-30.5	JB59519-8	2/10/2014	N	0.30	J										

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PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS13	30.0 - 30.5 ft	FS13-30.0-30.5	JB59519-8A	2/10/2014	N			< 0.26	UJ	19.5		10.8		0.51	J	32.0	
FS13	32.0 - 32.5 ft	FS13-32.0-32.5	JB59519-9	2/10/2014	N	< 0.084	U										
FS13	32.0 - 32.5 ft	FS13-32.0-32.5	JB59519-9A	2/10/2014	N			< 0.30	UJ	14.7		9.2		< 0.37	U	16.7	
FS13	34.0 - 34.5 ft	FS13-34.0-34.5	JB59519-10	2/10/2014	N	0.34	J										
FS13	34.0 - 34.5 ft	FS13-34.0-34.5	JB59519-10A	2/10/2014	N			< 0.32	UJ	20.1		14.9		0.85	J	19.2	
FS13	36.0 - 36.5 ft	FS13-36.0-36.5	JB59519-11	2/10/2014	N	0.11	J										
FS13	36.0 - 36.5 ft	FS13-36.0-36.5	JB59519-11A	2/10/2014	N			< 0.30	UJ	18.0		7.3		1.2	J	17.3	
FS13	38.0 - 38.5 ft	FS13-38.0-38.5	JB59519-12	2/10/2014	N	0.22	J										
FS13	38.0 - 38.5 ft	FS13-38.0-38.5	JB59519-12A	2/10/2014	N			< 0.28	UJ	15.2		7.5		< 0.35	U	20.2	
FS14	0.0 - 0.5 ft	FS14-0.0-0.5	JB60737-1	2/27/2014	N	5.7	J										
FS14	0.0 - 0.5 ft	FS14-0.0-0.5	JB60737-1A	2/27/2014	N			1.6	J	86.6	J	32.0		< 0.35	U	58.9	
FS14	2.0 - 2.5 ft	FS14-2.0-2.5	JB60737-2	2/27/2014	N	15.6	J										
FS14	2.0 - 2.5 ft	FS14-2.0-2.5	JB60737-2A	2/27/2014	N			2.8	J	443	J	49.1		< 0.34	U	84.4	
FS14	2.0 - 2.5 ft	FS14-2.0-2.5X	JB60737-3	2/27/2014	FD	11.7	J										
FS14	2.0 - 2.5 ft	FS14-2.0-2.5X	JB60737-3A	2/27/2014	FD			1.6	J	260	J	39.2		< 0.35	U	71.6	
FS14	4.0 - 4.5 ft	FS14-4.0-4.5	JB60737-4	2/27/2014	N	11.9	J										
FS14	4.0 - 4.5 ft	FS14-4.0-4.5	JB60737-4A	2/27/2014	N			1.9	J	153	J	18.3		< 0.33	U	19.0	
FS14	6.0 - 6.5 ft	FS14-6.0-6.5	JB60737-5	2/27/2014	N	2.3	J										
FS14	6.0 - 6.5 ft	FS14-6.0-6.5	JB60737-5A	2/27/2014	N			0.55	J	33.4	J	10.3		< 0.33	U	12.5	
FS14	8.0 - 8.5 ft	FS14-8.0-8.5	JB62340-21	3/19/2014	N	1.3	J										
FS14	8.0 - 8.5 ft	FS14-8.0-8.5	JB62340-21A	3/19/2014	N			0.30	J	17.2	J	17.5		0.52	J	20.4	
FS14	10.0 - 10.5 ft	FS14-10.0-10.5	JB62340-22A	3/19/2014	N			0.32	J	30.3	J	7.0		< 0.37	U	5.5	J
FS14	10.0 - 10.5 ft	FS14-10.0-10.5	JB62340-22R	3/19/2014	N	4.9	J										
FS14	15.0 - 15.5 ft	FS14-15.0-15.5	JB62340-1A	3/19/2014	N			< 0.23	UJ	30.5	J	13.9		0.85	J	22.8	
FS14	15.0 - 15.5 ft	FS14-15.0-15.5	JB62340-1R	3/19/2014	N	4.1	J										
FS14	17.0 - 17.5 ft	FS14-17.0-17.5	JB62340-2	3/19/2014	N	0.21	J										
FS14	17.0 - 17.5 ft	FS14-17.0-17.5	JB62340-2A	3/19/2014	N			< 0.31	UJ	15.0	J	13.9		< 0.39	U	19.7	
FS14	20.0 - 20.5 ft	FS14-20.0-20.5	JB62340-4R	3/19/2014	N	0.62	J										
FS14	22.0 - 22.5 ft	FS14-22.0-22.5	JB62340-5	3/19/2014	N	0.095	J										
FS14	22.0 - 22.5 ft	FS14-22.0-22.5	JB62340-5A	3/19/2014	N			< 0.28	UJ	13.5	J	10.6		< 0.35	U	22.1	
FS14	22.0 - 22.5 ft	FS14-22.0-22.5X	JB62340-6	3/19/2014	FD	0.26	J										
FS14	22.0 - 22.5 ft	FS14-22.0-22.5X	JB62340-6A	3/19/2014	FD			< 0.23	UJ	15.3	J	10.0		0.33	J	22.0	
FS14	24.0 - 24.5 ft	FS14-24.0-24.5	JB62340-7	3/19/2014	N	0.19	J										
FS14	24.0 - 24.5 ft	FS14-24.0-24.5	JB62340-7A	3/19/2014	N			< 0.26	UJ	17.7	J	13.3		< 0.32	U	27.0	
FS14	26.0 - 26.5 ft	FS14-26.0-26.5	JB62340-8A	3/19/2014	N			< 0.27	UJ	15.6	J	11.0		< 0.34	U	23.8	
FS14	26.0 - 26.5 ft	FS14-26.0-26.5	JB62340-8R	3/19/2014	N	0.18	J										
FS14	28.0 - 28.5 ft	FS14-28.0-28.5	JB62340-9A	3/19/2014	N			< 0.27	UJ	24.0	J	33.7		< 1.0	U	34.1	
FS14	28.0 - 28.5 ft	FS14-28.0-28.5	JB62340-9R	3/19/2014	N	0.34	J										
FS14	30.0 - 30.5 ft	FS14-30.0-30.5	JB62340-11A	3/19/2014	N			< 0.25	UJ	16.6	J	11.2		< 0.31	U	19.3	
FS14	30.0 - 30.5 ft	FS14-30.0-30.5	JB62340-11R	3/19/2014	N	0.18	J										
FS14	32.0 - 32.5 ft	FS14-32.0-32.5	JB62340-12	3/19/2014	N	0.14	J										
FS14	32.0 - 32.5 ft	FS14-32.0-32.5	JB62340-12A	3/19/2014	N			< 0.27	UJ	14.6	J	10.7		< 0.34	U	18.4	
FS14	36.0 - 36.5 ft	FS14-36.0-36.5	JB62340-13	3/19/2014	N	< 0.075	UJ										
FS14	36.0 - 36.5 ft	FS14-36.0-36.5	JB62340-13A	3/19/2014	N			< 0.27	UJ	11.9	J	7.9		< 0.34	U	18.2	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS14	38.0 - 38.5 ft	FS14-38.0-38.5	JB62340-14	3/19/2014	N	< 0.078	UJ										
FS14	38.0 - 38.5 ft	FS14-38.0-38.5	JB62340-14A	3/19/2014	N			< 0.28	UJ	12.1	J	10		< 0.35	U	17.0	
FS14	40.0 - 40.5 ft	FS14-40.0-40.5	JB62340-16A	3/19/2014	N			< 0.28	UJ	22.5	J	15.0		0.43	J	31.6	
FS14	40.0 - 40.5 ft	FS14-40.0-40.5	JB62340-16R	3/19/2014	N	0.32	J										
FS14	42.0 - 42.5 ft	FS14-42.0-42.5	JB62340-17A	3/19/2014	N			< 0.24	UJ	12.3	J	5.1		< 0.30	U	10	
FS14	42.0 - 42.5 ft	FS14-42.0-42.5	JB62340-17R	3/19/2014	N	0.33	J										
FS14	44.0 - 44.5 ft	FS14-44.0-44.5	JB62340-18	3/19/2014	N	< 0.082	UJ										
FS14	44.0 - 44.5 ft	FS14-44.0-44.5	JB62340-18A	3/19/2014	N			< 0.27	UJ	8.9	J	6.0		< 0.33	U	13.1	
FS14	46.0 - 46.5 ft	FS14-46.0-46.5	JB62340-19A	3/19/2014	N			< 0.28	UJ	12.9	J	8.2		< 0.35	U	15.0	
FS14	46.0 - 46.5 ft	FS14-46.0-46.5	JB62340-19R	3/19/2014	N	0.15	J										
FS14	48.0 - 48.5 ft	FS14-48.0-48.5	JB62340-20	3/19/2014	N	< 0.085	UJ										
FS14	48.0 - 48.5 ft	FS14-48.0-48.5	JB62340-20A	3/19/2014	N			< 0.30	UJ	17.0	J	8.3		< 0.37	U	14.8	
FS15	0.3 - 0.8 ft	FS15-0.3-0.8	JB63136-1	3/27/2014	N	6.1	J										
FS15	0.3 - 0.8 ft	FS15-0.3-0.8	JB63136-1A	3/27/2014	N			0.46	J	193	J	15.8		0.68	J	39.5	
FS15	2.0 - 2.5 ft	FS15-2.0-2.5	JB63136-2	3/27/2014	N	3.3	J										
FS15	2.0 - 2.5 ft	FS15-2.0-2.5	JB63136-2A	3/27/2014	N			< 0.23	UJ	70.4	J	12.7		0.39	J	40.9	
FS15	5.0 - 5.5 ft	FS15-5.0-5.5	JB63136-3	3/27/2014	N	0.19	J										
FS15	5.0 - 5.5 ft	FS15-5.0-5.5	JB63136-3A	3/27/2014	N			< 0.24	UJ	25.6	J	15.8		< 0.30	U	20.1	
FS15	5.0 - 5.5 ft	FS15-5.0-5.5X	JB63136-4	3/27/2014	FD	0.35	J										
FS15	5.0 - 5.5 ft	FS15-5.0-5.5X	JB63136-4A	3/27/2014	FD			< 0.24	UJ	18.0	J	14.7		0.47	J	16.6	
FS15	7.0 - 7.5 ft	FS15-7.0-7.5	JB63136-5	3/27/2014	N	9.2	J										
FS15	7.0 - 7.5 ft	FS15-7.0-7.5	JB63136-5A	3/27/2014	N			< 0.24	UJ	284	J	9.2		0.44	J	24.4	
FS15	8.0 - 8.5 ft	FS15-8.0-8.5	JB63136-6	3/27/2014	N	18.0	J										
FS15	8.0 - 8.5 ft	FS15-8.0-8.5	JB63136-6A	3/27/2014	N			< 0.24	UJ	233	J	8.8		< 0.30	U	27.4	
FS15	10.0 - 10.5 ft	FS15-10.0-10.5	JB63136-8	3/27/2014	N	11.4	J										
FS15	10.0 - 10.5 ft	FS15-10.0-10.5	JB63136-8A	3/27/2014	N			< 0.24	UJ	95.3	J	7.0		< 0.29	U	14.3	
FS15	11.0 - 11.5 ft	FS15-11.0-11.5	JB63136-9	3/27/2014	N	12.1	J										
FS15	11.0 - 11.5 ft	FS15-11.0-11.5	JB63136-9A	3/27/2014	N			< 0.23	UJ	113	J	6.4		< 0.29	U	18.0	
FS15	13.0 - 13.5 ft	FS15-13.0-13.5	JB63136-10	3/27/2014	N	***34.1***	***J***										
FS15	13.0 - 13.5 ft	FS15-13.0-13.5	JB63136-10A	3/27/2014	N			< 0.23	UJ	133	J	15.2		< 0.29	U	26.4	
FS15	15.0 - 15.5 ft	FS15-15.0-15.5	JB63136-11	3/27/2014	N	***21.9***	***J***										
FS15	15.0 - 15.5 ft	FS15-15.0-15.5	JB63136-11A	3/27/2014	N			< 0.23	UJ	232	J	11.8		< 0.29	U	29.5	
FS15	16.0 - 16.5 ft	FS15-16.0-16.5	JB63136-12	3/27/2014	N	10.6	J										
FS15	16.0 - 16.5 ft	FS15-16.0-16.5	JB63136-12A	3/27/2014	N			< 0.23	UJ	34.7	J	3.4	J	< 0.29	U	11.0	
FS15	18.0 - 18.5 ft	FS15-18.0-18.5	JB63136-13	3/27/2014	N	15.9											
FS15	18.0 - 18.5 ft	FS15-18.0-18.5	JB63136-13A	3/27/2014	N			< 0.24	UJ	33.4	J	3.8	J	< 0.30	U	13.6	
FS15	20.0 - 20.5 ft	FS15-20.0-20.5	JB63136-15	3/27/2014	N	19.4											
FS15	20.0 - 20.5 ft	FS15-20.0-20.5	JB63136-15A	3/27/2014	N			< 0.24	UJ	38.4	J	3.6	J	< 0.30	U	16.5	
FS15	22.0 - 22.5 ft	FS15-22.0-22.5	JB63136-16	3/27/2014	N	***37.1***											
FS15	22.0 - 22.5 ft	FS15-22.0-22.5	JB63136-16A	3/27/2014	N			< 0.24	UJ	77.9	J	10.3		0.34	J	26.6	
FS15	24.0 - 24.5 ft	FS15-24.0-24.5	JB63136-17	3/27/2014	N	***50.2***											
FS15	24.0 - 24.5 ft	FS15-24.0-24.5	JB63136-17A	3/27/2014	N			< 0.24	UJ	112	J	4.6		< 0.29	U	32.6	
FS15	26.0 - 26.5 ft	FS15-26.0-26.5	JB63136-19	3/27/2014	N	***23.9***											
FS15	26.0 - 26.5 ft	FS15-26.0-26.5	JB63136-19A	3/27/2014	N			< 0.23	UJ	79.0	J	6.2		0.40	J	18.3	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS15	28.0 - 28.5 ft	FS15-28.0-28.5	JB63136-20	3/27/2014	N	15.4											
FS15	28.0 - 28.5 ft	FS15-28.0-28.5	JB63136-20A	3/27/2014	N			< 0.23	UJ	191	J	4.3	J	< 0.29	U	13.0	
FS15	30.0 - 30.5 ft	FS15-30.0-30.5	JB63136-21	3/27/2014	N	14.3											
FS15	30.0 - 30.5 ft	FS15-30.0-30.5	JB63136-21A	3/27/2014	N			< 0.23	UJ	160	J	4.6	J	< 0.29	U	12.0	
FS15	32.0 - 32.5 ft	FS15-32.0-32.5	JB63136-22	3/27/2014	N	***23.9***											
FS15	32.0 - 32.5 ft	FS15-32.0-32.5	JB63136-22A	3/27/2014	N			< 0.23	UJ	56.9	J	4.0	J	< 0.29	U	12.0	
FS15	34.0 - 34.5 ft	FS15-34.0-34.5	JB63136-23	3/27/2014	N	***33.6***											
FS15	34.0 - 34.5 ft	FS15-34.0-34.5	JB63136-23A	3/27/2014	N			< 0.24	UJ	48.5	J	10.7		< 0.30	U	16.5	
FS15	36.0 - 36.5 ft	FS15-36.0-36.5	JB63136-24	3/27/2014	N	1.2											
FS15	36.0 - 36.5 ft	FS15-36.0-36.5	JB63136-24A	3/27/2014	N			< 0.28	UJ	22.4	J	5.4		< 0.35	U	12.7	
FS15	38.0 - 38.5 ft	FS15-38.0-38.5	JB63136-25	3/27/2014	N	0.22	J										
FS15	38.0 - 38.5 ft	FS15-38.0-38.5	JB63136-25A	3/27/2014	N			< 0.27	UJ	11.3	J	9.0		< 0.34	U	16.1	
FS16	0.3 - 0.8 ft	FS16-0.3-0.8	JB63591-1	4/2/2014	N	7.7											
FS16	0.3 - 0.8 ft	FS16-0.3-0.8	JB63591-1A	4/2/2014	N			2.1	J	1710		140		0.78	J	173	
FS16	1.0 - 1.5 ft	FS16-1.0-1.5	JB63591-2	4/2/2014	N	0.50											
FS16	1.0 - 1.5 ft	FS16-1.0-1.5	JB63591-2A	4/2/2014	N			0.55	J	169		25.9		< 0.47	U	27.4	
FS16	3.0 - 3.5 ft	FS16-3.0-3.5	JB63591-3	4/2/2014	N	< 0.088	U										
FS16	3.0 - 3.5 ft	FS16-3.0-3.5	JB63591-3A	4/2/2014	N			< 0.34	UJ	59.0		17.0		< 0.52	U	24.5	
FS16	5.0 - 5.5 ft	FS16-5.0-5.5	JB63591-4	4/2/2014	N	0.55	J										
FS16	5.0 - 5.5 ft	FS16-5.0-5.5	JB63591-4A	4/2/2014	N			4.2	J	3280		33.2		0.96	J	**598**	
FS16	7.0 - 7.5 ft	FS16-7.0-7.5	JB63591-5	4/2/2014	N	< 0.11	U										
FS16	7.0 - 7.5 ft	FS16-7.0-7.5	JB63591-5A	4/2/2014	N			< 0.43	UJ	20.5		14.7		< 0.65	U	21.7	
FS16	10.0 - 10.5 ft	FS16-10.0-10.5	JB63591-7	4/2/2014	N	1.2											
FS16	10.0 - 10.5 ft	FS16-10.0-10.5	JB63591-7A	4/2/2014	N			< 0.33	UJ	19.2		14.8		0.59	J	24.0	
FS16	10.0 - 10.5 ft	FS16-10.0-10.5X	JB63591-8	4/2/2014	FD	0.88											
FS16	10.0 - 10.5 ft	FS16-10.0-10.5X	JB63591-8A	4/2/2014	FD			< 0.36	UJ	19.7		14.3		< 0.54	U	24.1	
FS16	12.0 - 12.5 ft	FS16-12.0-12.5	JB63591-9	4/2/2014	N	1.7											
FS16	12.0 - 12.5 ft	FS16-12.0-12.5	JB63591-9A	4/2/2014	N			< 0.31	UJ	17.5		8.7		< 0.48	U	24.7	
FS16	14.0 - 14.5 ft	FS16-14.0-14.5	JB63591-10	4/2/2014	N	0.35	J										
FS16	14.0 - 14.5 ft	FS16-14.0-14.5	JB63591-10A	4/2/2014	N			< 0.33	UJ	13.8		8.2		< 0.50	U	20.8	
FS16	15.0 - 15.5 ft	FS16-15.0-15.5	JB63591-11	4/2/2014	N	0.19	J										
FS16	15.0 - 15.5 ft	FS16-15.0-15.5	JB63591-11A	4/2/2014	N			< 0.33	UJ	20.0		9.7		< 0.50	U	23.6	
FS16	17.0 - 17.5 ft	FS16-17.0-17.5	JB63591-12	4/2/2014	N	7.5											
FS16	17.0 - 17.5 ft	FS16-17.0-17.5	JB63591-12A	4/2/2014	N			< 0.32	UJ	32.2		8.6		< 0.49	U	20.3	
FS16	19.0 - 19.5 ft	FS16-19.0-19.5	JB63591-13	4/2/2014	N	7.6											
FS16	19.0 - 19.5 ft	FS16-19.0-19.5	JB63591-13A	4/2/2014	N			< 0.30	UJ	51.6		4.3	J	< 0.46	U	10.7	
FS16	21.0 - 21.5 ft	FS16-21.0-21.5	JB63591-15	4/2/2014	N	12.8											
FS16	21.0 - 21.5 ft	FS16-21.0-21.5	JB63591-15A	4/2/2014	N			< 0.31	UJ	55.5		9.6		< 0.47	U	20.0	
FS16	23.0 - 23.5 ft	FS16-23.0-23.5	JB63591-16	4/2/2014	N	***66.5***											
FS16	23.0 - 23.5 ft	FS16-23.0-23.5	JB63591-16A	4/2/2014	N			< 0.30	UJ	122		13.2		< 0.45	U	26.6	
FS16	25.0 - 25.5 ft	FS16-25.0-25.5	JB63591-17	4/2/2014	N	***41.0***											
FS16	25.0 - 25.5 ft	FS16-25.0-25.5	JB63591-17A	4/2/2014	N			< 0.30	UJ	93.7		9.5		< 0.45	U	19.6	
FS16	27.0 - 27.5 ft	FS16-27.0-27.5	JB63591-18	4/2/2014	N	***48.8***											
FS16	27.0 - 27.5 ft	FS16-27.0-27.5	JB63591-18A	4/2/2014	N			< 0.29	UJ	106		10.4		< 0.44	U	23.8	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS16	30.0 - 30.5 ft	FS16-30.0-30.5	JB63591-21	4/2/2014	N	***62.3***											
FS16	30.0 - 30.5 ft	FS16-30.0-30.5	JB63591-21A	4/2/2014	N			< 0.33	UJ	103		14.5		< 0.50	U	22.6	
FS16	32.0 - 32.5 ft	FS16-32.0-32.5	JB63591-22	4/2/2014	N	***69.3***											
FS16	32.0 - 32.5 ft	FS16-32.0-32.5	JB63591-22A	4/2/2014	N			< 0.34	UJ	111		13.0		< 0.52	U	22.1	
FS16	34.0 - 34.5 ft	FS16-34.0-34.5	JB63591-23	4/2/2014	N	***52.7***											
FS16	34.0 - 34.5 ft	FS16-34.0-34.5	JB63591-23A	4/2/2014	N			< 0.33	UJ	200		16.3		< 0.50	U	23.4	
FS16	35.0 - 35.5 ft	FS16-35.0-35.5	JB63591-24	4/2/2014	N	***23.0***											
FS16	35.0 - 35.5 ft	FS16-35.0-35.5	JB63591-24A	4/2/2014	N			< 0.33	UJ	56.4		10.6		< 0.50	U	19.6	
FS16A	36.0 - 36.5 ft	FS16A-36.0-36.5	JB97506-2	6/19/2015	N	12.3	J										
FS16A	36.0 - 36.5 ft	FS16A-36.0-36.5	JB97506-2A	6/19/2015	N			< 0.36	UJ	52.6		7.9		< 0.22	U	14.2	
FS16A	38.0 - 38.5 ft	FS16A-38.0-38.5	JB97506-3	6/19/2015	N	< 0.23	UJ										
FS16A	38.0 - 38.5 ft	FS16A-38.0-38.5	JB97506-3A	6/19/2015	N			< 0.37	UJ	6.6		4.5	J	< 0.23	U	10.8	
FS16A	38.0 - 38.5 ft	FS16A-38.0-38.5X	JB97506-4	6/19/2015	FD	< 0.22	UJ										
FS16A	38.0 - 38.5 ft	FS16A-38.0-38.5X	JB97506-4A	6/19/2015	FD			< 0.36	UJ	5.4		3.5	J	< 0.22	U	9.1	
FS16A	40.0 - 40.5 ft	FS16A-40.0-40.5	JB97506-5	6/19/2015	N	< 0.22	UJ										
FS16A	40.0 - 40.5 ft	FS16A-40.0-40.5	JB97506-5A	6/19/2015	N			< 0.36	UJ	9.0		5.7		< 0.22	U	12.5	
FS16A	42.0 - 42.5 ft	FS16A-42.0-42.5	JB97506-6	6/19/2015	N	< 0.23	UJ										
FS16A	42.0 - 42.5 ft	FS16A-42.0-42.5	JB97506-6A	6/19/2015	N			< 0.37	UJ	7.7		5.4		< 0.22	U	12.5	
FS16A	44.0 - 44.5 ft	FS16A-44.0-44.5	JB97506-7	6/19/2015	N	< 0.24	UJ										
FS16A	44.0 - 44.5 ft	FS16A-44.0-44.5	JB97506-7A	6/19/2015	N			< 0.40	UJ	7.6		5.6		< 0.24	U	12.4	
FS16A	45.5 - 46.0 ft	FS16A-45.5-46.0	JB97506-8	6/19/2015	N	< 0.24	UJ										
FS16A	45.5 - 46.0 ft	FS16A-45.5-46.0	JB97506-8A	6/19/2015	N			< 0.38	UJ	8.0		6.3		< 0.24	U	13.2	
FS17	0.3 - 0.8 ft	FS17-0.3-0.8	JB63402-1A	3/31/2014	N			< 0.83	U	5460		295		< 1.3	U	311	
FS17	0.3 - 0.8 ft	FS17-0.3-0.8	JB63402-1R	3/31/2014	N	***26.2***	***J***										
FS17	1.0 - 1.5 ft	FS17-1.0-1.5	JB63402-2A	3/31/2014	N			0.60	J	614		40.1		< 0.41	U	69.8	
FS17	1.0 - 1.5 ft	FS17-1.0-1.5	JB63402-2R	3/31/2014	N	0.76	J										
FS17	3.0 - 3.5 ft	FS17-3.0-3.5	JB63402-3A	3/31/2014	N			3.5	J	128		39.6		< 2.1	U	90.0	
FS17	3.0 - 3.5 ft	FS17-3.0-3.5	JB63402-3R	3/31/2014	N	1.0	J										
FS17	5.0 - 5.5 ft	FS17-5.0-5.5	JB63402-4	3/31/2014	N	1.1	J										
FS17	5.0 - 5.5 ft	FS17-5.0-5.5	JB63402-4A	3/31/2014	N			< 0.23	U	27.3		20.2		< 0.29	U	36.0	
FS17	7.0 - 7.5 ft	FS17-7.0-7.5	JB63402-6	3/31/2014	N	1.6	J										
FS17	7.0 - 7.5 ft	FS17-7.0-7.5	JB63402-6A	3/31/2014	N			< 0.22	U	18.4		15.3		0.30	J	25.4	
FS17	10.0 - 10.5 ft	FS17-10.0-10.5	JB63402-7A	3/31/2014	N			< 0.22	U	18.9		14.7		0.39	J	25.9	
FS17	10.0 - 10.5 ft	FS17-10.0-10.5	JB63402-7R	3/31/2014	N	0.97	J										
FS17	10.0 - 10.5 ft	FS17-10.0-10.5X	JB63402-8A	3/31/2014	FD			< 0.22	U	18.6		14.7		0.32	J	26.5	
FS17	10.0 - 10.5 ft	FS17-10.0-10.5X	JB63402-8R	3/31/2014	FD	0.84	J										
FS17	12.0 - 12.5 ft	FS17-12.0-12.5	JB63402-9A	3/31/2014	N			< 0.23	U	26.7		11.9		0.52	J	38.1	
FS17	12.0 - 12.5 ft	FS17-12.0-12.5	JB63402-9R	3/31/2014	N	1.0	J										
FS17	14.0 - 14.5 ft	FS17-14.0-14.5	JB63402-10	3/31/2014	N	0.87	J										
FS17	14.0 - 14.5 ft	FS17-14.0-14.5	JB63402-10A	3/31/2014	N			< 0.24	U	14.9		8.5		0.35	J	26.7	
FS17	16.0 - 16.5 ft	FS17-16.0-16.5	JB63402-11	3/31/2014	N	12.2	J										
FS17	16.0 - 16.5 ft	FS17-16.0-16.5	JB63402-11A	3/31/2014	N			< 0.23	U	46.3		17.1		0.39	J	29.6	
FS17	18.0 - 18.5 ft	FS17-18.0-18.5	JB63402-12	3/31/2014	N	***22.5***	***J***										
FS17	18.0 - 18.5 ft	FS17-18.0-18.5	JB63402-12A	3/31/2014	N			< 0.23	U	39.8		9.5		< 0.29	U	19.4	

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PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS17	20.0 - 20.5 ft	FS17-20.0-20.5	JB63402-14	3/31/2014	N	7.6											
FS17	20.0 - 20.5 ft	FS17-20.0-20.5	JB63402-14A	3/31/2014	N			< 0.23	U	41.7		12.5		0.37	J	20.2	
FS17	21.0 - 21.5 ft	FS17-21.0-21.5	JB63402-15	3/31/2014	N	7.6											
FS17	21.0 - 21.5 ft	FS17-21.0-21.5	JB63402-15A	3/31/2014	N			< 0.24	U	33.8		14.0		< 0.29	U	24.6	
FS17	25.0 - 25.0 ft	FS17-25.0-25.5	JB63402-16A	3/31/2014	N			< 0.24	U	27.5		11.1		0.45	J	19.0	
FS17	25.0 - 25.0 ft	FS17-25.0-25.5	JB63402-16R	3/31/2014	N	5.8											
FS17	27.0 - 27.5 ft	FS17-27.0-27.5	JB63402-17A	3/31/2014	N			< 0.23	U	32.3		10.5		< 0.29	U	18.1	
FS17	27.0 - 27.5 ft	FS17-27.0-27.5	JB63402-17R	3/31/2014	N	8.8											
FS17	29.0 - 29.5 ft	FS17-29.0-29.5	JB63402-18A	3/31/2014	N			< 0.24	U	75.6		7.3		< 0.29	U	15.0	
FS17	29.0 - 29.5 ft	FS17-29.0-29.5	JB63402-18R	3/31/2014	N	***62.4***											
FS17	30.0 - 30.5 ft	FS17-30.0-30.5	JB63402-20	3/31/2014	N	3.0											
FS17	30.0 - 30.5 ft	FS17-30.0-30.5	JB63402-20A	3/31/2014	N			< 0.23	U	22.6		7.7		< 0.29	U	14.9	
FS17	32.0 - 32.5 ft	FS17-32.0-32.5	JB63402-21A	3/31/2014	N			< 0.25	U	25.7		11.7		< 0.31	U	27.5	
FS17	32.0 - 32.5 ft	FS17-32.0-32.5	JB63402-21R	3/31/2014	N	2.0											
FS17	35.0 - 35.5 ft	FS17-35.0-35.5	JB63402-22A	3/31/2014	N			< 0.24	U	23.1		10.6		< 0.30	U	31.4	
FS17	35.0 - 35.5 ft	FS17-35.0-35.5	JB63402-22R	3/31/2014	N	2.0											
FS17	37.0 - 37.5 ft	FS17-37.0-37.5	JB63402-23A	3/31/2014	N			< 0.24	U	14.7		14.3		< 0.30	U	23.4	
FS17	37.0 - 37.5 ft	FS17-37.0-37.5	JB63402-23R	3/31/2014	N	0.16	J										
FS17	39.0 - 39.5 ft	FS17-39.0-39.5	JB63402-24A	3/31/2014	N			< 0.34	U	14.0		11.7		< 0.52	U	20.7	
FS17	39.0 - 39.5 ft	FS17-39.0-39.5	JB63402-24R	3/31/2014	N	0.23	J										
FS18	0.0 - 0.5 ft	FS18-0.0-0.5	JB62136-1A	3/17/2014	N			< 0.25	UJ	247	J	99.9		< 0.31	U	46.2	
FS18	0.0 - 0.5 ft	FS18-0.0-0.5	JB62136-1R	3/17/2014	N	***65.6***											
FS18	2.0 - 2.5 ft	FS18-2.0-2.5	JB62136-2A	3/17/2014	N			0.43	J	4800	J	366		2.6	J	363	
FS18	2.0 - 2.5 ft	FS18-2.0-2.5	JB62136-2R	3/17/2014	N	***48.1***											
FS18	4.0 - 4.5 ft	FS18-4.0-4.5	JB62136-3A	3/17/2014	N			< 0.28	UJ	402	J	17.1		0.53	J	24.7	
FS18	4.0 - 4.5 ft	FS18-4.0-4.5	JB62136-3R	3/17/2014	N	***20.2***											
FS18	4.0 - 4.5 ft	FS18-4.0-4.5X	JB62136-4A	3/17/2014	FD			< 0.31	UJ	410	J	16.7		0.63	J	27.0	
FS18	4.0 - 4.5 ft	FS18-4.0-4.5X	JB62136-4R	3/17/2014	FD	***24.2***											
FS18	6.0 - 6.5 ft	FS18-6.0-6.5	JB62136-5A	3/17/2014	N			< 0.28	UJ	92.5	J	12.8		< 0.35	U	20.1	
FS18	6.0 - 6.5 ft	FS18-6.0-6.5	JB62136-5R	3/17/2014	N	6.9											
FS18	8.0 - 8.5 ft	FS18-8.0-8.5	JB62136-6A	3/17/2014	N			< 0.31	UJ	48.3	J	8.7		< 0.38	U	18.8	
FS18	8.0 - 8.5 ft	FS18-8.0-8.5	JB62136-6R	3/17/2014	N	0.92											
FS18	10.0 - 10.5 ft	FS18-10.0-10.5	JB62136-21	3/17/2014	N	6.8											
FS18	10.0 - 10.5 ft	FS18-10.0-10.5	JB62136-21A	3/17/2014	N			< 0.28	UJ	169	J	16.5		0.53	J	20.4	
FS18	12.0 - 12.5 ft	FS18-12.0-12.5	JB62136-22	3/17/2014	N	0.83											
FS18	12.0 - 12.5 ft	FS18-12.0-12.5	JB62136-22A	3/17/2014	N			3.1	J	3260	J	31.1		< 2.4	U	30.3	
FS18	14.0 - 14.5 ft	FS18-14.0-14.5	JB62136-23	3/17/2014	N	< 0.082	U										
FS18	14.0 - 14.5 ft	FS18-14.0-14.5	JB62136-23A	3/17/2014	N			< 0.27	UJ	37.6	J	9.6		< 0.34	U	23.2	
FS18	16.0 - 16.5 ft	FS18-16.0-16.5	JB62136-8A	3/17/2014	N			< 0.26	UJ	36.2	J	16.7		< 0.32	U	31.4	
FS18	16.0 - 16.5 ft	FS18-16.0-16.5	JB62136-8R	3/17/2014	N	2.3											
FS18	18.0 - 18.5 ft	FS18-18.0-18.5	JB62136-9A	3/17/2014	N			< 0.27	UJ	22.5	J	15.6		< 0.34	U	31.2	
FS18	18.0 - 18.5 ft	FS18-18.0-18.5	JB62136-9R	3/17/2014	N	1.7											
FS18	20.0 - 20.5 ft	FS18-20.0-20.5	JB62136-11A	3/17/2014	N			< 0.28	UJ	85.5	J	14.5		0.68	J	20.9	
FS18	20.0 - 20.5 ft	FS18-20.0-20.5	JB62136-11R	3/17/2014	N	8.8											

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						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS18	22.0 - 22.5 ft	FS18-22.0-22.5	JB62136-12A	3/17/2014	N			< 0.28	UJ	20.4	J	5.5		< 0.35	U	11.9	
FS18	22.0 - 22.5 ft	FS18-22.0-22.5	JB62136-12R	3/17/2014	N	2.0											
FS18	24.0 - 24.5 ft	FS18-24.0-24.5	JB62136-24	3/17/2014	N	0.12	J										
FS18	24.0 - 24.5 ft	FS18-24.0-24.5	JB62136-24A	3/17/2014	N			< 0.28	UJ	15.0	J	6.9		< 0.34	U	20.7	
FS18	26.0 - 26.5 ft	FS18-26.0-26.5	JB62136-13A	3/17/2014	N			< 0.27	UJ	22.8	J	5.9		0.50	J	11.2	
FS18	26.0 - 26.5 ft	FS18-26.0-26.5	JB62136-13R	3/17/2014	N	1.9											
FS18	28.0 - 28.5 ft	FS18-28.0-28.5	JB62136-14	3/17/2014	N	0.13	J										
FS18	28.0 - 28.5 ft	FS18-28.0-28.5	JB62136-14A	3/17/2014	N			< 0.27	UJ	6.8	J	4.0	J	< 0.34	U	13.0	
FS18	30.0 - 30.5 ft	FS18-30.0-30.5	JB62136-16	3/17/2014	N	***63.5***											
FS18	30.0 - 30.5 ft	FS18-30.0-30.5	JB62136-16A	3/17/2014	N			< 0.28	UJ	132	J	8.5		< 0.34	U	14.7	
FS18	32.0 - 32.5 ft	FS18-32.0-32.5	JB62136-17	3/17/2014	N	6.2											
FS18	32.0 - 32.5 ft	FS18-32.0-32.5	JB62136-17A	3/17/2014	N			< 0.28	UJ	26.8	J	5.4		< 0.35	U	13.5	
FS18	34.0 - 34.5 ft	FS18-34.0-34.5	JB62136-25	3/17/2014	N	< 0.085	U										
FS18	34.0 - 34.5 ft	FS18-34.0-34.5	JB62136-25A	3/17/2014	N			< 0.30	UJ	6.8	J	3.7	J	< 0.37	U	12.3	
FS18	36.0 - 36.5 ft	FS18-36.0-36.5	JB62136-18	3/17/2014	N	< 0.088	U										
FS18	36.0 - 36.5 ft	FS18-36.0-36.5	JB62136-18A	3/17/2014	N			< 0.30	UJ	9.4	J	7.1		< 0.38	U	13.1	
FS18	38.0 - 38.5 ft	FS18-38.0-38.5	JB62136-19	3/17/2014	N	< 0.090	U										
FS18	38.0 - 38.5 ft	FS18-38.0-38.5	JB62136-19A	3/17/2014	N			< 0.31	UJ	8.7	J	6.4		< 0.39	U	11.5	
FS19	0.5 - 1.0 ft	FS-B19-0.5-1.0	JB48426-2	9/25/2013	N	5.0	J										
FS19	1.5 - 2.0 ft	FS-B19-1.5-2.0	JB48426-3R	9/25/2013	N	0.65	J										
FS19	3.5 - 4.0 ft	FS-B19-3.5-4.0	JB48426-4R	9/25/2013	N	0.26	J										
FS19	3.5 - 4.0 ft	FS-B19-3.5-4.0X	JB48426-5R	9/25/2013	FD	0.29	J										
FS19	5.5 - 6.0 ft	FS-B19-5.5-6.0	JB48426-6R	9/25/2013	N	0.43	J										
FS19	7.5 - 8.0 ft	FS-B19-7.5-8.0	JB48426-7R	9/25/2013	N	0.66	J										
FS19	9.5 - 10.0 ft	FS-B19-9.5-10.0	JB48426-8R	9/25/2013	N	0.72	J										
FS19	11.5 - 12.0 ft	FS-B19-11.5-12.0	JB48426-9R	9/25/2013	N	0.73	J										
FS19	12.8 - 13.3 ft	FS-B19-12.8-13.3	JB48426-10R	9/25/2013	N	0.91	J										
FS19	13.3 - 13.8 ft	FS-B19-13.3-13.8	JB48426-11R	9/25/2013	N	0.29	J										
FS2	8.0 - 8.5 ft	FS2-8.0-8.5	JB62810-1	3/24/2014	N	***54.1***											
FS2	8.0 - 8.5 ft	FS2-8.0-8.5	JB62810-1A	3/24/2014	N			< 0.29	UJ	410		12.3		< 0.36	U	25.3	
FS2	10.0 - 10.5 ft	FS2-10.0-10.5	JB62810-3	3/24/2014	N	***55.9***											
FS2	10.0 - 10.5 ft	FS2-10.0-10.5	JB62810-3A	3/24/2014	N			< 0.29	UJ	410		12.5		< 0.36	U	27.0	
FS2	12.0 - 12.5 ft	FS2-12.0-12.5	JB62810-4	3/24/2014	N	***21.9***											
FS2	12.0 - 12.5 ft	FS2-12.0-12.5	JB62810-4A	3/24/2014	N			< 0.28	UJ	97.9		9.2		< 0.35	U	17.0	
FS2	15.0 - 15.5 ft	FS2-15.0-15.5	JB62810-5	3/24/2014	N	17.0											
FS2	15.0 - 15.5 ft	FS2-15.0-15.5	JB62810-5A	3/24/2014	N			< 0.27	UJ	67.5		14.7		< 0.34	U	30.0	
FS2	15.0 - 15.5 ft	FS2-15.0-15.5X	JB62810-6	3/24/2014	FD	18.1											
FS2	15.0 - 15.5 ft	FS2-15.0-15.5X	JB62810-6A	3/24/2014	FD			< 0.27	UJ	67.8		17.1		< 0.33	U	27.1	
FS2	17.0 - 17.5 ft	FS2-17.0-17.5	JB62810-7	3/24/2014	N	14.8											
FS2	17.0 - 17.5 ft	FS2-17.0-17.5	JB62810-7A	3/24/2014	N			< 0.27	UJ	54.9		14.8		0.41	J	23.8	
FS2	18.0 - 18.5 ft	FS2-18.0-18.5	JB62810-8	3/24/2014	N	10.6											
FS2	18.0 - 18.5 ft	FS2-18.0-18.5	JB62810-8A	3/24/2014	N			< 0.26	UJ	30.4		5.3		< 0.33	U	15.4	
FS2	20.0 - 20.5 ft	FS2-20.0-20.5	JB62810-10	3/24/2014	N	***25.0***											
FS2	20.0 - 20.5 ft	FS2-20.0-20.5	JB62810-10A	3/24/2014	N			< 0.29	UJ	46.8		12.4		0.44	J	22.8	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS2	22.0 - 22.5 ft	FS2-22.0-22.5	JB62810-11	3/24/2014	N	***24.6***											
FS2	22.0 - 22.5 ft	FS2-22.0-22.5	JB62810-11A	3/24/2014	N			< 0.29	UJ	44.2		11.4		< 0.36	U	22.2	
FS2	24.0 - 24.5 ft	FS2-24.0-24.5	JB62810-12	3/24/2014	N	***23.4***											
FS2	24.0 - 24.5 ft	FS2-24.0-24.5	JB62810-12A	3/24/2014	N			< 0.26	UJ	49.0		10.2		< 0.32	U	22.5	
FS2	26.0 - 26.5 ft	FS2-26.0-26.5	JB62810-13	3/24/2014	N	***37.2***											
FS2	26.0 - 26.5 ft	FS2-26.0-26.5	JB62810-13A	3/24/2014	N			< 0.28	UJ	45.7		6.2		< 0.35	U	13.0	
FS2	28.0 - 28.5 ft	FS2-28.0-28.5	JB62810-14	3/24/2014	N	***84.2***											
FS2	28.0 - 28.5 ft	FS2-28.0-28.5	JB62810-14A	3/24/2014	N			< 0.30	UJ	128		6.1		< 0.38	U	12.9	
FS2	30.0 - 30.5 ft	FS2-30.0-30.5	JB62810-16	3/24/2014	N	0.64											
FS2	30.0 - 30.5 ft	FS2-30.0-30.5	JB62810-16A	3/24/2014	N			< 0.29	UJ	7.5		4.0	J	< 0.36	U	10.9	
FS2	32.0 - 32.5 ft	FS2-32.0-32.5	JB62810-17	3/24/2014	N	0.28	J										
FS2	32.0 - 32.5 ft	FS2-32.0-32.5	JB62810-17A	3/24/2014	N			< 0.29	UJ	6.6		3.6	J	< 0.36	U	9.9	
FS2	34.0 - 34.5 ft	FS2-34.0-34.5	JB62810-18	3/24/2014	N	0.16	J										
FS2	34.0 - 34.5 ft	FS2-34.0-34.5	JB62810-18A	3/24/2014	N			< 0.28	UJ	6.7		3.9	J	< 0.35	U	11.1	
FS2	36.0 - 36.5 ft	FS2-36.0-36.5	JB62810-19	3/24/2014	N	0.27	J										
FS2	36.0 - 36.5 ft	FS2-36.0-36.5	JB62810-19A	3/24/2014	N			< 0.28	UJ	6.8		4.6	J	< 0.35	U	10.9	
FS2	38.0 - 38.5 ft	FS2-38.0-38.5	JB62810-20	3/24/2014	N	0.11	J										
FS2	38.0 - 38.5 ft	FS2-38.0-38.5	JB62810-20A	3/24/2014	N			< 0.29	UJ	6.7		4.6	J	< 0.36	U	10.9	
FS20	0.5 - 1.0 ft	FS-B20-0.5-1.0	JB48426-13	9/25/2013	N	6.0	J										
FS20	1.5 - 2.0 ft	FS-B20-1.5-2.0	JB48426-14	9/25/2013	N	14.6	J										
FS20	3.5 - 4.0 ft	FS-B20-3.5-4.0	JB48426-15R	9/25/2013	N	0.84	J										
FS20	5.5 - 6.0 ft	FS-B20-5.5-6.0	JB48426-16R	9/25/2013	N	0.27	J										
FS20	7.5 - 8.0 ft	FS-B20-7.5-8.0	JB48426-17R	9/25/2013	N	0.75	J										
FS20	9.5 - 10.0 ft	FS-B20-9.5-10.0	JB48426-18	9/25/2013	N	0.17	J										
FS20	10.0 - 10.5 ft	FS-B20-10.0-10.5	JB48426-19R	9/25/2013	N	0.96	J										
FS21	0.0 - 0.5 ft	FS21-0.0-0.5	JB96227-3	6/4/2015	N	< 0.23	U										
FS21	0.0 - 0.5 ft	FS21-0.0-0.5	JB96227-3A	6/4/2015	N			5.1	J	9.1		7.6		< 0.23	UJ	14.7	
FS21	0.0 - 0.5 ft	FS21-0.0-0.5X	JB96227-5	6/4/2015	FD	< 0.22	U										
FS21	0.0 - 0.5 ft	FS21-0.0-0.5X	JB96227-5A	6/4/2015	FD			< 0.36	UJ	11.0		12.5		< 0.22	UJ	18.3	
FS21	2.0 - 2.5 ft	FS21-2.0-2.5	JB96227-4	6/4/2015	N	< 0.21	U										
FS21	2.0 - 2.5 ft	FS21-2.0-2.5	JB96227-4A	6/4/2015	N			< 0.34	UJ	16.9		14.5		0.28	J	24.7	
FS21	4.0 - 4.5 ft	FS21-4.0-4.5	JB96227-6	6/4/2015	N	< 0.25	U										
FS21	4.0 - 4.5 ft	FS21-4.0-4.5	JB96227-6A	6/4/2015	N			< 0.39	UJ	16.7		16.0		< 0.24	UJ	23.3	
FS21	6.0 - 6.5 ft	FS21-6.0-6.5	JB96227-7	6/4/2015	N	0.32	J										
FS21	6.0 - 6.5 ft	FS21-6.0-6.5	JB96227-7A	6/4/2015	N			< 0.42	UJ	13.8		14.6		< 0.26	UJ	19.4	
FS21	8.0 - 8.5 ft	FS21-8.0-8.5	JB96227-8	6/4/2015	N	0.34	J										
FS21	8.0 - 8.5 ft	FS21-8.0-8.5	JB96227-8A	6/4/2015	N			< 0.43	UJ	11.9		14.6		< 0.26	UJ	17.2	
FS21	10.0 - 10.5 ft	FS21-10.0-10.5	JB96227-9	6/4/2015	N	0.36	J										
FS21	10.0 - 10.5 ft	FS21-10.0-10.5	JB96227-9A	6/4/2015	N			< 0.37	UJ	16.6		12.3		< 0.22	UJ	24.8	
FS21	12.0 - 12.5 ft	FS21-12.0-12.5	JB96227-10	6/4/2015	N	< 0.23	U										
FS21	12.0 - 12.5 ft	FS21-12.0-12.5	JB96227-10A	6/4/2015	N			< 0.35	UJ	15.4		9.6		< 0.22	UJ	23.4	
FS21	14.0 - 14.5 ft	FS21-14.0-14.5	JB96227-11	6/4/2015	N	2.3											
FS21	14.0 - 14.5 ft	FS21-14.0-14.5	JB96227-11A	6/4/2015	N			< 0.35	UJ	22.8		12.5		0.29	J	21.2	
FS21	16.0 - 16.5 ft	FS21-16.0-16.5	JB96227-12	6/4/2015	N	1.3											

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS21	16.0 - 16.5 ft	FS21-16.0-16.5	JB96227-12A	6/4/2015	N			< 0.36	UJ	28.8		14.8		< 0.22	UJ	27.0	
FS21	18.0 - 18.5 ft	FS21-18.0-18.5	JB96227-13	6/4/2015	N	2.4											
FS21	18.0 - 18.5 ft	FS21-18.0-18.5	JB96227-13A	6/4/2015	N			< 0.36	UJ	19.9		10.3		< 0.22	UJ	19.8	
FS21	20.0 - 20.5 ft	FS21-20.0-20.5	JB96227-14	6/4/2015	N	< 0.21	U										
FS21	20.0 - 20.5 ft	FS21-20.0-20.5	JB96227-14A	6/4/2015	N			< 0.35	UJ	19.1		6.0		< 0.21	UJ	16.3	
FS21	22.0 - 22.5 ft	FS21-22.0-22.5	JB96227-15	6/4/2015	N	< 0.21	U										
FS21	22.0 - 22.5 ft	FS21-22.0-22.5	JB96227-15A	6/4/2015	N			< 0.36	UJ	13.3		9.3		< 0.22	UJ	19.7	
FS21	24.0 - 24.5 ft	FS21-24.0-24.5	JB96227-16	6/4/2015	N	< 0.22	U										
FS21	24.0 - 24.5 ft	FS21-24.0-24.5	JB96227-16A	6/4/2015	N			< 0.36	UJ	7.8		4.5	J	< 0.22	UJ	13.5	
FS21	26.0 - 26.5 ft	FS21-26.0-26.5	JB96227-17	6/4/2015	N	0.33	J										
FS21	26.0 - 26.5 ft	FS21-26.0-26.5	JB96227-17A	6/4/2015	N			< 0.41	UJ	14.1		12.8		< 0.25	UJ	19.8	
FS21	28.0 - 28.5 ft	FS21-28.0-28.5	JB96227-18	6/4/2015	N	0.26	J										
FS21	28.0 - 28.5 ft	FS21-28.0-28.5	JB96227-18A	6/4/2015	N			< 0.39	UJ	5.6		3.4	J	< 0.24	UJ	9.1	
FS21	30.0 - 30.5 ft	FS21-30.0-30.5	JB96227-19	6/4/2015	N	< 0.25	U										
FS21	30.0 - 30.5 ft	FS21-30.0-30.5	JB96227-19A	6/4/2015	N			< 0.41	UJ	8.0		7.2		< 0.25	UJ	10.8	
FS21	32.0 - 32.5 ft	FS21-32.0-32.5	JB96227-20	6/4/2015	N	< 0.23	U										
FS21	32.0 - 32.5 ft	FS21-32.0-32.5	JB96227-20A	6/4/2015	N			< 0.39	UJ	9.1		7.7		< 0.24	UJ	13.5	
FS21	34.0 - 34.5 ft	FS21-34.0-34.5	JB96227-21	6/4/2015	N	< 0.23	U										
FS21	34.0 - 34.5 ft	FS21-34.0-34.5	JB96227-21A	6/4/2015	N			< 0.39	UJ	15.2		14.7		< 0.24	UJ	19.1	
FS21	36.0 - 36.5 ft	FS21-36.0-36.5	JB96227-22	6/4/2015	N	< 0.23	U										
FS21	36.0 - 36.5 ft	FS21-36.0-36.5	JB96227-22A	6/4/2015	N			< 0.38	UJ	8.7		6.7		< 0.23	UJ	13.4	
FS21	38.0 - 38.5 ft	FS21-38.0-38.5	JB96227-23	6/4/2015	N	0.47	J										
FS21	38.0 - 38.5 ft	FS21-38.0-38.5	JB96227-23A	6/4/2015	N			< 0.36	UJ	7.7		5.5		< 0.22	UJ	11.7	
FS21	39.5 - 40.0 ft	FS21-39.5-40.0	JB96227-24	6/4/2015	N	< 0.24	U										
FS21	39.5 - 40.0 ft	FS21-39.5-40.0	JB96227-24A	6/4/2015	N			< 0.39	UJ	9.8		7.4		< 0.24	UJ	14.8	
FS22	0.0 - 0.5 ft	FS22-0.0-0.5	JB96034-17	6/2/2015	N	0.32	J										
FS22	0.0 - 0.5 ft	FS22-0.0-0.5	JB96034-17A	6/2/2015	N			0.38	J	12.4		9.6		< 0.21	UJ	15.6	
FS22	0.0 - 0.5 ft	FS22-0.0-0.5X	JB96034-18	6/2/2015	FD	0.39	J										
FS22	0.0 - 0.5 ft	FS22-0.0-0.5X	JB96034-18A	6/2/2015	FD			< 0.34	U	13.1		7.0		< 0.21	UJ	15.7	
FS22	2.0 - 2.5 ft	FS22-2.0-2.5	JB96034-19	6/2/2015	N	0.57											
FS22	2.0 - 2.5 ft	FS22-2.0-2.5	JB96034-19A	6/2/2015	N			0.35	J	14.2		12.6		< 0.19	UJ	19.4	
FS22	3.0 - 3.5 ft	FS22-3.0-3.5	JB96138-8	6/3/2015	N	1.2											
FS22	3.0 - 3.5 ft	FS22-3.0-3.5	JB96138-8A	6/3/2015	N			< 0.31	UJ	18.0	J	16.6	J	< 0.19	UJ	25.7	J
FS22	5.0 - 5.5 ft	FS22-5.0-5.5	JB96138-9	6/3/2015	N	0.40	J										
FS22	5.0 - 5.5 ft	FS22-5.0-5.5	JB96138-9A	6/3/2015	N			< 0.37	UJ	18.3	J	13.0	J	< 0.22	UJ	30.8	J
FS22	6.0 - 6.5 ft	FS22-6.0-6.5	JB96034-20	6/2/2015	N	< 0.26	U										
FS22	6.0 - 6.5 ft	FS22-6.0-6.5	JB96034-20A	6/2/2015	N			0.37	J	14.1		13.5		0.26	J	17.8	
FS22	8.0 - 8.5 ft	FS22-8.0-8.5	JB96034-21	6/2/2015	N	0.36	J										
FS22	8.0 - 8.5 ft	FS22-8.0-8.5	JB96034-21A	6/2/2015	N			< 0.32	U	18.7		15.2		< 0.20	UJ	26.8	
FS22	10.0 - 10.5 ft	FS22-10.0-10.5	JB96138-2	6/3/2015	N	3.3											
FS22	10.0 - 10.5 ft	FS22-10.0-10.5	JB96138-2A	6/3/2015	N			< 0.37	UJ	54.7	J	15.6	J	< 0.22	UJ	44.8	J
FS22	12.0 - 12.5 ft	FS22-12.0-12.5	JB96138-3	6/3/2015	N	< 0.22	U										
FS22	12.0 - 12.5 ft	FS22-12.0-12.5	JB96138-3A	6/3/2015	N			< 0.36	UJ	9.7	J	8.9	J	< 0.22	UJ	16.4	J
FS22	12.0 - 12.5 ft	FS22-12.0-12.5X	JB96138-4	6/3/2015	FD	< 0.23	U										

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Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS22	12.0 - 12.5 ft	FS22-12.0-12.5X	JB96138-4A	6/3/2015	FD			< 0.37	UJ	28.2	J	16.4	J	< 0.23	UJ	49.4	J
FS22	14.0 - 14.5 ft	FS22-14.0-14.5	JB96138-5	6/3/2015	N	0.23	J										
FS22	14.0 - 14.5 ft	FS22-14.0-14.5	JB96138-5A	6/3/2015	N			< 0.33	UJ	24.7	J	17.4	J	< 0.20	UJ	36.1	J
FS22	16.0 - 16.5 ft	FS22-16.0-16.5	JB96138-6	6/3/2015	N	0.24	J										
FS22	16.0 - 16.5 ft	FS22-16.0-16.5	JB96138-6A	6/3/2015	N			< 0.37	UJ	16.4	J	11.5	J	< 0.23	UJ	16.7	J
FS22	18.0 - 18.5 ft	FS22-18.0-18.5	JB96138-7	6/3/2015	N	2.0											
FS22	18.0 - 18.5 ft	FS22-18.0-18.5	JB96138-7A	6/3/2015	N			< 0.34	UJ	20.2	J	15.7	J	< 0.21	UJ	27.4	J
FS22	20.0 - 20.5 ft	FS22-20.0-20.5	JB96138-10	6/3/2015	N	0.49											
FS22	20.0 - 20.5 ft	FS22-20.0-20.5	JB96138-10A	6/3/2015	N			< 0.34	UJ	20.6	J	8.8	J	< 0.21	UJ	15.5	J
FS22	22.0 - 22.5 ft	FS22-22.0-22.5	JB96138-11	6/3/2015	N	< 0.21	U										
FS22	22.0 - 22.5 ft	FS22-22.0-22.5	JB96138-11A	6/3/2015	N			< 0.36	UJ	14.2	J	9.7	J	< 0.22	UJ	20.8	J
FS22	24.0 - 24.5 ft	FS22-24.0-24.5	JB96138-12	6/3/2015	N	< 0.21	U										
FS22	24.0 - 24.5 ft	FS22-24.0-24.5	JB96138-12A	6/3/2015	N			< 0.35	UJ	15.5	J	10.6	J	< 0.21	UJ	23.2	J
FS22	26.0 - 26.5 ft	FS22-26.0-26.5	JB96138-13	6/3/2015	N	< 0.21	U										
FS22	26.0 - 26.5 ft	FS22-26.0-26.5	JB96138-13A	6/3/2015	N			< 0.34	UJ	16.0	J	11.9	J	< 0.21	UJ	23.2	J
FS22	28.0 - 28.5 ft	FS22-28.0-28.5	JB96138-14	6/3/2015	N	< 0.24	U										
FS22	28.0 - 28.5 ft	FS22-28.0-28.5	JB96138-14A	6/3/2015	N			< 0.31	UJ	9.6	J	7	J	< 0.19	UJ	15.4	J
FS22	30.0 - 30.5 ft	FS22-30.0-30.5	JB96138-15	6/3/2015	N	< 0.23	U										
FS22	30.0 - 30.5 ft	FS22-30.0-30.5	JB96138-15A	6/3/2015	N			< 0.38	UJ	8.6	J	3.8	J	< 0.24	UJ	10.8	J
FS22	32.0 - 32.5 ft	FS22-32.0-32.5	JB96138-16	6/3/2015	N	< 0.23	U										
FS22	32.0 - 32.5 ft	FS22-32.0-32.5	JB96138-16A	6/3/2015	N			< 0.36	UJ	8.3	J	6.2	J	< 0.22	UJ	12.7	J
FS22	34.0 - 34.5 ft	FS22-34.0-34.5	JB96138-17	6/3/2015	N	< 0.23	U										
FS22	34.0 - 34.5 ft	FS22-34.0-34.5	JB96138-17A	6/3/2015	N			< 0.36	UJ	6.2	J	4.1	J	< 0.22	UJ	11.4	J
FS22	35.0 - 35.5 ft	FS22-35.0-35.5	JB96138-18	6/3/2015	N	< 0.25	U										
FS22	35.0 - 35.5 ft	FS22-35.0-35.5	JB96138-18A	6/3/2015	N			< 0.31	UJ	11.7	J	6.3	J	< 0.19	UJ	12.5	J
FS23	0.3 - 0.8 ft	FS23-0.3-0.8	JB98947-1	7/11/2015	N	1.8											
FS23	0.3 - 0.8 ft	FS23-0.3-0.8	JB98947-1A	7/11/2015	N			0.89	J	93.3		29.5		0.83	J	23.5	
FS23	2.0 - 2.5 ft	FS23-2.0-2.5	JB98947-2	7/11/2015	N	0.41	J										
FS23	2.0 - 2.5 ft	FS23-2.0-2.5	JB98947-2A	7/11/2015	N			< 0.38	UJ	16.2		16.7		0.72	J	20.1	
FS23	2.0 - 2.5 ft	FS23-2.0-2.5X	JB98947-3	7/11/2015	FD	< 0.24	U										
FS23	2.0 - 2.5 ft	FS23-2.0-2.5X	JB98947-3A	7/11/2015	FD			< 0.39	UJ	16.6		16.7		0.58	J	19.8	
FS23	3.0 - 3.5 ft	FS23-3.0-3.5	JB98947-4	7/11/2015	N	< 0.25	U										
FS23	3.0 - 3.5 ft	FS23-3.0-3.5	JB98947-4A	7/11/2015	N			< 0.31	UJ	14.9		15.8		0.41	J	20.1	
FS23	5.0 - 5.5 ft	FS23-5.0-5.5	JB98947-5	7/11/2015	N	0.47	J										
FS23	5.0 - 5.5 ft	FS23-5.0-5.5	JB98947-5A	7/11/2015	N			< 0.38	UJ	20.2		15.0		0.79	J	34.7	
FS23	7.0 - 7.5 ft	FS23-7.0-7.5	JB98947-6	7/11/2015	N	< 0.23	U										
FS23	7.0 - 7.5 ft	FS23-7.0-7.5	JB98947-6A	7/11/2015	N			< 0.36	UJ	17.0		13.5		0.64	J	28.8	
FS23	9.0 - 9.5 ft	FS23-9.0-9.5	JB98947-7	7/11/2015	N	< 0.22	U										
FS23	9.0 - 9.5 ft	FS23-9.0-9.5	JB98947-7A	7/11/2015	N			< 0.35	UJ	8.9		7.1		0.44	J	15.0	
FS23	10.0 - 10.5 ft	FS23-10.0-10.5	JB98947-10	7/11/2015	N	0.49	J										
FS23	10.0 - 10.5 ft	FS23-10.0-10.5	JB98947-10A	7/11/2015	N			< 0.39	UJ	13.9		9.1		0.50	J	15.2	
FS23	12.0 - 12.5 ft	FS23-12.0-12.5	JB98947-11	7/11/2015	N	0.28	J										
FS23	12.0 - 12.5 ft	FS23-12.0-12.5	JB98947-11A	7/11/2015	N			< 0.35	UJ	19.4		12.4		0.74	J	22.5	
FS23	15.0 - 15.5 ft	FS23-15.0-15.5	JB98947-12	7/11/2015	N	0.56											

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS23	15.0 - 15.5 ft	FS23-15.0-15.5	JB98947-12A	7/11/2015	N			< 0.38	UJ	10.9		6.9		0.33	J	14.4	
FS23	17.0 - 17.5 ft	FS23-17.0-17.5	JB98947-13	7/11/2015	N	< 0.22	U										
FS23	17.0 - 17.5 ft	FS23-17.0-17.5	JB98947-13A	7/11/2015	N			< 0.36	UJ	9.5		7.6		0.38	J	16.3	
FS23	18.0 - 18.5 ft	FS23-18.0-18.5	JB98947-14	7/11/2015	N	< 0.22	U										
FS23	18.0 - 18.5 ft	FS23-18.0-18.5	JB98947-14A	7/11/2015	N			< 0.35	UJ	6.0		4.3	J	< 0.22	U	9.9	
FS23	20.0 - 20.5 ft	FS23-20.0-20.5	JB98947-17	7/11/2015	N	< 0.23	U										
FS23	20.0 - 20.5 ft	FS23-20.0-20.5	JB98947-17A	7/11/2015	N			< 0.36	UJ	8.8		6.7		0.34	J	11.3	
FS23	22.0 - 22.5 ft	FS23-22.0-22.5	JB98947-18	7/11/2015	N	< 0.23	U										
FS23	22.0 - 22.5 ft	FS23-22.0-22.5	JB98947-18A	7/11/2015	N			< 0.37	UJ	7.7		4.2	J	< 0.22	U	8.8	
FS23	24.0 - 24.5 ft	FS23-24.0-24.5	JB98947-19	7/11/2015	N	< 0.24	U										
FS23	24.0 - 24.5 ft	FS23-24.0-24.5	JB98947-19A	7/11/2015	N			< 0.39	UJ	6.8		4.8	J	0.34	J	10.6	
FS23	26.0 - 26.5 ft	FS23-26.0-26.5	JB98947-20	7/11/2015	N	< 0.27	U										
FS23	26.0 - 26.5 ft	FS23-26.0-26.5	JB98947-20A	7/11/2015	N			< 0.31	UJ	7.5		5.4		0.29	J	11.6	
FS23	28.0 - 28.5 ft	FS23-28.0-28.5	JB98947-21	7/11/2015	N	< 0.23	U										
FS23	28.0 - 28.5 ft	FS23-28.0-28.5	JB98947-21A	7/11/2015	N			< 0.39	UJ	6.0		3.6	J	< 0.24	U	9.9	
FS23	30.0 - 30.5 ft	FS23-30.0-30.5	JB98947-24	7/11/2015	N	< 0.23	U										
FS23	30.0 - 30.5 ft	FS23-30.0-30.5	JB98947-24A	7/11/2015	N			< 0.36	UJ	9.1		5.7		< 0.22	U	12.1	
FS23	32.0 - 32.5 ft	FS23-32.0-32.5	JB98947-25	7/11/2015	N	< 0.24	U										
FS23	32.0 - 32.5 ft	FS23-32.0-32.5	JB98947-25A	7/11/2015	N			< 0.40	UJ	9.7		7.6		< 0.25	U	14.1	
FS23	34.0 - 34.5 ft	FS23-34.0-34.5	JB98947-26	7/11/2015	N	< 0.25	U										
FS23	34.0 - 34.5 ft	FS23-34.0-34.5	JB98947-26A	7/11/2015	N			< 0.39	UJ	11.0		9.9		< 0.24	U	14.6	
FS23	36.0 - 36.5 ft	FS23-36.0-36.5	JB98947-29	7/11/2015	N	< 0.25	U										
FS23	36.0 - 36.5 ft	FS23-36.0-36.5	JB98947-29A	7/11/2015	N			< 0.42	UJ	11.3		9.4		0.28	J	16.0	
FS23	38.0 - 38.5 ft	FS23-38.0-38.5	JB98947-30	7/11/2015	N	< 0.22	U										
FS23	38.0 - 38.5 ft	FS23-38.0-38.5	JB98947-30A	7/11/2015	N			< 0.36	UJ	8.7		6.7		< 0.22	U	13.1	
FS23	39.5 - 40.0 ft	FS23-39.5-40.0	JB98947-31	7/11/2015	N	< 0.23	U										
FS23	39.5 - 40.0 ft	FS23-39.5-40.0	JB98947-31A	7/11/2015	N			< 0.37	UJ	9.0		6.6		< 0.23	U	13.3	
FS24	0.0 - 0.5 ft	FS24-0.0-0.5	JB96351-1	6/5/2015	N	0.71	J										
FS24	0.0 - 0.5 ft	FS24-0.0-0.5	JB96351-1A	6/5/2015	N			< 0.31	UJ	14.0		10.9		< 0.19	UJ	30.4	
FS24	2.0 - 2.5 ft	FS24-2.0-2.5	JB96351-2A	6/5/2015	N			1.5	J	168		42.2		< 0.25	UJ	67.3	
FS24	2.0 - 2.5 ft	FS24-2.0-2.5	JB96351-2R	6/5/2015	N	1.8	J										
FS25	0.0 - 0.5 ft	FS25-0.0-0.5	JB97048-1	6/15/2015	N	< 0.20	UJ										
FS25	0.0 - 0.5 ft	FS25-0.0-0.5	JB97048-1A	6/15/2015	N			< 0.32	UJ	13.4		21.0		< 0.20	U	61.1	
FS25	2.0 - 2.5 ft	FS25-2.0-2.5	JB97048-3	6/15/2015	N	15.9	J										
FS25	2.0 - 2.5 ft	FS25-2.0-2.5	JB97048-3A	6/15/2015	N			0.68	J	542		412		< 0.21	U	68.6	
FS25	3.0 - 3.5 ft	FS25-3.0-3.5	JB97048-4	6/15/2015	N	***120***	***J***										
FS25	3.0 - 3.5 ft	FS25-3.0-3.5	JB97048-4A	6/15/2015	N			< 0.95	UJ	5100		269		0.86	J	338	
FS25	5.0 - 5.5 ft	FS25-5.0-5.5	JB97048-5	6/15/2015	N	6.2	J										
FS25	5.0 - 5.5 ft	FS25-5.0-5.5	JB97048-5A	6/15/2015	N			< 0.37	UJ	207		19.8		< 0.22	U	52.6	
FS25	5.0 - 5.5 ft	FS25-5.0-5.5X	JB97048-6	6/15/2015	FD	11.1	J										
FS25	5.0 - 5.5 ft	FS25-5.0-5.5X	JB97048-6A	6/15/2015	FD			< 0.36	UJ	263		22.0		< 0.22	U	60.8	
FS25	6.0 - 6.5 ft	FS25-6.0-6.5	JB97142-2	6/16/2015	N	0.88	J										
FS25	6.0 - 6.5 ft	FS25-6.0-6.5	JB97142-2A	6/16/2015	N			< 0.36	UJ	17.5		6.3	J	< 0.22	UJ	16.8	
FS25	8.0 - 8.5 ft	FS25-8.0-8.5	JB97048-7	6/15/2015	N	***20.5***	***J***										

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Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS25	8.0 - 8.5 ft	FS25-8.0-8.5	JB97048-7A	6/15/2015	N			< 0.36	UJ	607		56.2		< 0.22	U	69.6	
FS25	10.0 - 10.5 ft	FS25-10.0-10.5	JB97048-10	6/15/2015	N	2.0	J										
FS25	10.0 - 10.5 ft	FS25-10.0-10.5	JB97048-10A	6/15/2015	N			< 0.37	UJ	28.9		8.4		< 0.23	U	19.8	
FS25	12.0 - 12.5 ft	FS25-12.0-12.5	JB97048-11	6/15/2015	N	10.4	J										
FS25	12.0 - 12.5 ft	FS25-12.0-12.5	JB97048-11A	6/15/2015	N			< 0.38	UJ	217		8.4		< 0.23	U	18.7	
FS25	15.0 - 15.5 ft	FS25-15.0-15.5	JB97048-12	6/15/2015	N	6.6	J										
FS25	15.0 - 15.5 ft	FS25-15.0-15.5	JB97048-12A	6/15/2015	N			< 0.37	UJ	455		7.5		< 0.23	U	17.2	
FS25	16.0 - 16.5 ft	FS25-16.0-16.5	JB97142-3	6/16/2015	N	0.50	J										
FS25	16.0 - 16.5 ft	FS25-16.0-16.5	JB97142-3A	6/16/2015	N			< 0.36	UJ	15.2		11.3	J	< 0.22	UJ	21.8	
FS25	16.0 - 16.5 ft	FS25-16.0-16.5X	JB97142-4A	6/16/2015	FD			< 0.36	UJ	15.9		11.5	J	< 0.22	UJ	24.5	
FS25	16.0 - 16.5 ft	FS25-16.0-16.5X	JB97142-4R	6/16/2015	FD	1.5	J										
FS25	18.0 - 18.5 ft	FS25-18.0-18.5	JB97142-5A	6/16/2015	N			< 0.36	UJ	12.3		8.9	J	< 0.22	UJ	18.3	
FS25	18.0 - 18.5 ft	FS25-18.0-18.5	JB97142-5R	6/16/2015	N	< 0.22	UJ										
FS25	20.0 - 20.5 ft	FS25-20.0-20.5	JB97048-15	6/15/2015	N	< 0.22	UJ										
FS25	20.0 - 20.5 ft	FS25-20.0-20.5	JB97048-15A	6/15/2015	N			< 0.37	UJ	24.5		13.8		< 0.23	U	32.8	
FS25	22.0 - 22.5 ft	FS25-22.0-22.5	JB97048-16	6/15/2015	N	< 0.21	UJ										
FS25	22.0 - 22.5 ft	FS25-22.0-22.5	JB97048-16A	6/15/2015	N			< 0.35	UJ	19.4		11.3		< 0.22	U	24.2	
FS25	24.0 - 24.5 ft	FS25-24.0-24.5	JB97048-17	6/15/2015	N	< 0.21	UJ										
FS25	24.0 - 24.5 ft	FS25-24.0-24.5	JB97048-17A	6/15/2015	N			< 0.37	UJ	10.6		5.8		< 0.23	U	16.7	
FS25	26.0 - 26.5 ft	FS25-26.0-26.5	JB97048-18	6/15/2015	N	< 0.21	UJ										
FS25	26.0 - 26.5 ft	FS25-26.0-26.5	JB97048-18A	6/15/2015	N			< 0.35	UJ	21.9		15.7		< 0.21	U	27.9	
FS25	28.0 - 28.5 ft	FS25-28.0-28.5	JB97048-19	6/15/2015	N	< 0.23	UJ										
FS25	28.0 - 28.5 ft	FS25-28.0-28.5	JB97048-19A	6/15/2015	N			< 0.39	UJ	5.4		3.5	J	< 0.24	U	7.8	
FS25	30.0 - 30.5 ft	FS25-30.0-30.5	JB97048-22	6/15/2015	N	< 0.23	UJ										
FS25	30.0 - 30.5 ft	FS25-30.0-30.5	JB97048-22A	6/15/2015	N			< 0.39	UJ	10.5		4.9	J	< 0.24	U	12.7	
FS25	32.0 - 32.5 ft	FS25-32.0-32.5	JB97048-23	6/15/2015	N	< 0.23	UJ										
FS25	32.0 - 32.5 ft	FS25-32.0-32.5	JB97048-23A	6/15/2015	N			< 0.37	UJ	11.3		3.5	J	< 0.23	U	7.2	
FS25	34.0 - 34.5 ft	FS25-34.0-34.5	JB97048-24	6/15/2015	N	< 0.23	UJ										
FS25	34.0 - 34.5 ft	FS25-34.0-34.5	JB97048-24A	6/15/2015	N			< 0.37	UJ	6.9		3.0	J	< 0.23	U	7.1	
FS3	1.0 - 1.5 ft	FS3-1.0-1.5	JB62507-1	3/20/2014	N	1.4											
FS3	1.0 - 1.5 ft	FS3-1.0-1.5	JB62507-1A	3/20/2014	N			< 0.31	UJ	18.2		12.4		< 0.38	U	15.0	
FS3	3.0 - 3.5 ft	FS3-3.0-3.5	JB62507-2	3/20/2014	N	0.52	J										
FS3	3.0 - 3.5 ft	FS3-3.0-3.5	JB62507-2A	3/20/2014	N			0.51	J	14.4		15.5		< 0.30	U	18.0	
FS3	3.0 - 3.5 ft	FS3-3.0-3.5X	JB62507-3	3/20/2014	FD	0.46	J										
FS3	3.0 - 3.5 ft	FS3-3.0-3.5X	JB62507-3A	3/20/2014	FD			0.35	J	13.2		14.6		0.41	J	16.8	
FS3	5.0 - 5.5 ft	FS3-5.0-5.5	JB62507-4	3/20/2014	N	***54.8***											
FS3	5.0 - 5.5 ft	FS3-5.0-5.5	JB62507-4A	3/20/2014	N			< 0.24	UJ	622		15.0		< 0.30	U	16.2	
FS3	7.0 - 7.5 ft	FS3-7.0-7.5	JB62507-5	3/20/2014	N	***33.2***											
FS3	7.0 - 7.5 ft	FS3-7.0-7.5	JB62507-5A	3/20/2014	N			< 0.25	UJ	188		13.1		< 0.30	U	28.3	
FS3	9.0 - 9.5 ft	FS3-9.0-9.5	JB62507-6	3/20/2014	N	***62.3***											
FS3	9.0 - 9.5 ft	FS3-9.0-9.5	JB62507-6A	3/20/2014	N			< 0.24	UJ	154		10.3		< 0.29	U	25.8	
FS3	11.0 - 11.5 ft	FS3-11.0-11.5	JB62507-8	3/20/2014	N	***44.0***											
FS3	11.0 - 11.5 ft	FS3-11.0-11.5	JB62507-8A	3/20/2014	N			< 0.28	UJ	124		11.9		< 0.34	U	38.6	
FS3	13.0 - 13.5 ft	FS3-13.0-13.5	JB62507-9	3/20/2014	N	10.6											

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Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS3	13.0 - 13.5 ft	FS3-13.0-13.5	JB62507-9A	3/20/2014	N			< 0.28	UJ	61.9		10.2		< 0.34	U	18.4	
FS3	15.0 - 15.5 ft	FS3-15.0-15.5	JB62507-10	3/20/2014	N	7.0											
FS3	15.0 - 15.5 ft	FS3-15.0-15.5	JB62507-10A	3/20/2014	N			< 0.27	UJ	38.5		8.5		< 0.34	U	23.5	
FS3	20.0 - 20.5 ft	FS3-20.0-20.5	JB62507-12	3/20/2014	N	13.7											
FS3	20.0 - 20.5 ft	FS3-20.0-20.5	JB62507-12A	3/20/2014	N			< 0.28	UJ	29.2		9.4		< 0.35	U	14.6	
FS3	22.0 - 22.5 ft	FS3-22.0-22.5	JB62507-13	3/20/2014	N	19.6											
FS3	22.0 - 22.5 ft	FS3-22.0-22.5	JB62507-13A	3/20/2014	N			< 0.30	UJ	34.3		7.0		< 0.37	U	14.8	
FS3	24.0 - 24.5 ft	FS3-24.0-24.5	JB62507-14	3/20/2014	N	***38.5***											
FS3	24.0 - 24.5 ft	FS3-24.0-24.5	JB62507-14A	3/20/2014	N			< 0.28	UJ	41.4		5.4		< 0.35	U	12.3	
FS3	26.0 - 26.5 ft	FS3-26.0-26.5	JB62507-15	3/20/2014	N	***63.3***											
FS3	26.0 - 26.5 ft	FS3-26.0-26.5	JB62507-15A	3/20/2014	N			< 0.29	UJ	70.8		3.2	J	< 0.36	U	8.2	
FS3	28.0 - 28.5 ft	FS3-28.0-28.5	JB62507-16	3/20/2014	N	3.6											
FS3	28.0 - 28.5 ft	FS3-28.0-28.5	JB62507-16A	3/20/2014	N			< 0.30	UJ	13.0		6.1		0.53	J	13.4	
FS3	30.0 - 30.5 ft	FS3-30.0-30.5	JB62507-18	3/20/2014	N	0.75											
FS3	30.0 - 30.5 ft	FS3-30.0-30.5	JB62507-18A	3/20/2014	N			< 0.30	UJ	16.9		10.6		< 0.38	U	16.6	
FS3	32.0 - 32.5 ft	FS3-32.0-32.5	JB62507-19	3/20/2014	N	0.14	J										
FS3	32.0 - 32.5 ft	FS3-32.0-32.5	JB62507-19A	3/20/2014	N			< 0.27	UJ	7.6		3.5	J	< 0.33	U	9.5	
FS3	35.0 - 35.5 ft	FS3-35.0-35.5	JB62507-20	3/20/2014	N	0.37	J										
FS3	35.0 - 35.5 ft	FS3-35.0-35.5	JB62507-20A	3/20/2014	N			< 0.30	UJ	7.0		3.3	J	< 0.37	U	9.5	
FS3	37.0 - 37.5 ft	FS3-37.0-37.5	JB62507-21	3/20/2014	N	< 0.083	U										
FS3	37.0 - 37.5 ft	FS3-37.0-37.5	JB62507-21A	3/20/2014	N			< 0.28	UJ	6.4		4.1	J	< 0.34	U	10.1	
FS4	1.0 - 1.5 ft	FS4-1.0-1.5	JB62666-1A	3/21/2014	N			1.2	J	158		19.4		0.67	J	20.2	
FS4	1.0 - 1.5 ft	FS4-1.0-1.5	JB62666-1R	3/21/2014	N	***24.0***	***J***										
FS4	3.0 - 3.5 ft	FS4-3.0-3.5	JB62666-2	3/21/2014	N	0.51	J										
FS4	3.0 - 3.5 ft	FS4-3.0-3.5	JB62666-2A	3/21/2014	N			0.85	J	13.4		14.4		< 0.36	U	19.0	
FS4	3.0 - 3.5 ft	FS4-3.0-3.5X	JB62666-3	3/21/2014	FD	0.72	J										
FS4	3.0 - 3.5 ft	FS4-3.0-3.5X	JB62666-3A	3/21/2014	FD			1.1	J	14.2		15.7		< 0.39	U	19.1	
FS4	5.0 - 5.5 ft	FS4-5.0-5.5	JB62666-4	3/21/2014	N	0.97	J										
FS4	5.0 - 5.5 ft	FS4-5.0-5.5	JB62666-4A	3/21/2014	N			< 0.30	UJ	15.4		15.0		< 0.38	U	19.1	
FS4	7.0 - 7.5 ft	FS4-7.0-7.5	JB62666-5	3/21/2014	N	***31.6***	***J***										
FS4	7.0 - 7.5 ft	FS4-7.0-7.5	JB62666-5A	3/21/2014	N			0.52	J	560		16.9		< 0.36	U	18.4	
FS4	9.0 - 9.5 ft	FS4-9.0-9.5	JB62666-6	3/21/2014	N	***81.1***	***J***										
FS4	9.0 - 9.5 ft	FS4-9.0-9.5	JB62666-6A	3/21/2014	N			< 0.28	UJ	471		14.7		< 0.35	U	38.3	
FS4	11.0 - 11.5 ft	FS4-11.0-11.5	JB62666-8	3/21/2014	N	14.4	J										
FS4	11.0 - 11.5 ft	FS4-11.0-11.5	JB62666-8A	3/21/2014	N			< 0.26	UJ	77.8		11.3		< 0.32	U	19.2	
FS4	15.0 - 15.5 ft	FS4-15.0-15.5	JB62666-9A	3/21/2014	N			< 0.28	UJ	44.5		8.9		< 0.35	U	22.7	
FS4	15.0 - 15.5 ft	FS4-15.0-15.5	JB62666-9R	3/21/2014	N	6.7	J										
FS4	20.0 - 20.5 ft	FS4-20.0-20.5	JB62666-11A	3/21/2014	N			0.50	J	57.4		16.9		< 0.33	U	30.3	
FS4	20.0 - 20.5 ft	FS4-20.0-20.5	JB62666-11R	3/21/2014	N	13.2	J										
FS4	22.0 - 22.5 ft	FS4-22.0-22.5	JB62666-12A	3/21/2014	N			< 0.26	UJ	38.3		9.6		< 0.33	U	25.6	
FS4	22.0 - 22.5 ft	FS4-22.0-22.5	JB62666-12R	3/21/2014	N	9.5	J										
FS4	24.0 - 24.5 ft	FS4-24.0-24.5	JB62666-13A	3/21/2014	N			< 0.27	UJ	25.2		6.3		< 0.34	U	14.8	
FS4	24.0 - 24.5 ft	FS4-24.0-24.5	JB62666-13R	3/21/2014	N	14.5	J										
FS4	26.0 - 26.5 ft	FS4-26.0-26.5	JB62666-14A	3/21/2014	N			< 0.29	UJ	115		4.1	J	< 0.35	U	9.9	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS4	26.0 - 26.5 ft	FS4-26.0-26.5	JB62666-14R	3/21/2014	N	***104***	***J***										
FS4	28.0 - 28.5 ft	FS4-28.0-28.5	JB62666-15A	3/21/2014	N			< 0.28	UJ	54.8		7.0		< 0.34	U	14.4	
FS4	28.0 - 28.5 ft	FS4-28.0-28.5	JB62666-15R	3/21/2014	N	***49.1***	***J***										
FS4	30.0 - 30.5 ft	FS4-30.0-30.5	JB62666-17A	3/21/2014	N			< 0.28	UJ	24.1		6.3		< 0.35	U	14.3	
FS4	30.0 - 30.5 ft	FS4-30.0-30.5	JB62666-17R	3/21/2014	N	2.0	J										
FS4	32.0 - 32.5 ft	FS4-32.0-32.5	JB62666-18	3/21/2014	N	0.86	J										
FS4	32.0 - 32.5 ft	FS4-32.0-32.5	JB62666-18A	3/21/2014	N			< 0.29	UJ	8.4		4.3	J	< 0.36	U	11.7	
FS4	35.0 - 35.5 ft	FS4-35.0-35.5	JB62666-19	3/21/2014	N	0.30	J										
FS4	35.0 - 35.5 ft	FS4-35.0-35.5	JB62666-19A	3/21/2014	N			< 0.28	UJ	8.3		5.9		< 0.35	U	13.5	
FS4	37.0 - 37.5 ft	FS4-37.0-37.5	JB62666-20	3/21/2014	N	0.14	J										
FS4	37.0 - 37.5 ft	FS4-37.0-37.5	JB62666-20A	3/21/2014	N			< 0.28	UJ	7.1		5.1		< 0.35	U	11.8	
FS5	0.3 - 0.8 ft	FS5-0.3-0.8	JB63299-1	3/28/2014	N	7.9	J										
FS5	0.3 - 0.8 ft	FS5-0.3-0.8	JB63299-1A	3/28/2014	N			< 0.29	UJ	618		77.2		< 0.44	U	116	
FS5	1.0 - 1.5 ft	FS5-1.0-1.5	JB63299-2	3/28/2014	N	0.31	J										
FS5	1.0 - 1.5 ft	FS5-1.0-1.5	JB63299-2A	3/28/2014	N			1.4	J	1200		15.6		< 0.80	U	51.4	
FS5	3.0 - 3.5 ft	FS5-3.0-3.5	JB63299-3	3/28/2014	N	***71.9***	***J***										
FS5	3.0 - 3.5 ft	FS5-3.0-3.5	JB63299-3A	3/28/2014	N			6.9	J	2530		26.5		< 0.41	U	102	
FS5	5.0 - 5.5 ft	FS5-5.0-5.5	JB63299-4	3/28/2014	N	***4660***	***J***										
FS5	5.0 - 5.5 ft	FS5-5.0-5.5	JB63299-4A	3/28/2014	N			13.9	J	6070		21.8		< 11	U	97.3	
FS5	7.0 - 7.5 ft	FS5-7.0-7.5	JB63299-5	3/28/2014	N	2.5	J										
FS5	7.0 - 7.5 ft	FS5-7.0-7.5	JB63299-5A	3/28/2014	N			< 0.27	UJ	66.6		14.5		< 0.42	U	24.9	
FS5	10.0 - 10.5 ft	FS5-10.0-10.5	JB63299-7	3/28/2014	N	***26.3***	***J***										
FS5	10.0 - 10.5 ft	FS5-10.0-10.5	JB63299-7A	3/28/2014	N			< 0.26	UJ	592		11.2		< 0.40	U	22.7	
FS5	10.0 - 10.5 ft	FS5-10.0-10.5X	JB63299-8	3/28/2014	FD	***37.9***	***J***										
FS5	10.0 - 10.5 ft	FS5-10.0-10.5X	JB63299-8A	3/28/2014	FD			< 0.26	UJ	624		11.0		< 0.40	U	24.7	
FS5	12.0 - 12.5 ft	FS5-12.0-12.5	JB63299-9	3/28/2014	N	***39.4***	***J***										
FS5	12.0 - 12.5 ft	FS5-12.0-12.5	JB63299-9A	3/28/2014	N			< 0.27	UJ	242		11.3		< 0.40	U	25.7	
FS5	14.0 - 14.5 ft	FS5-14.0-14.5	JB63299-10	3/28/2014	N	18.1	J										
FS5	14.0 - 14.5 ft	FS5-14.0-14.5	JB63299-10A	3/28/2014	N			< 0.26	UJ	87.4		10.2		< 0.39	U	18.5	
FS5	16.0 - 16.5 ft	FS5-16.0-16.5	JB63299-11	3/28/2014	N	11.7	J										
FS5	16.0 - 16.5 ft	FS5-16.0-16.5	JB63299-11A	3/28/2014	N			< 0.32	UJ	74.5		15.7		< 0.98	U	30.2	
FS5	18.0 - 18.5 ft	FS5-18.0-18.5	JB63299-27	3/28/2014	N	18.1	J										
FS5	18.0 - 18.5 ft	FS5-18.0-18.5	JB63299-27A	3/28/2014	N			< 0.24	UJ	77.3		13.2		< 0.30	U	26.4	
FS5	20.0 - 20.5 ft	FS5-20.0-20.5	JB63299-13	3/28/2014	N	14.7	J										
FS5	20.0 - 20.5 ft	FS5-20.0-20.5	JB63299-13A	3/28/2014	N			< 0.24	UJ	31.7		6.0		< 0.30	U	15.4	
FS5	22.0 - 22.5 ft	FS5-22.0-22.5	JB63299-14	3/28/2014	N	***25.5***	***J***										
FS5	22.0 - 22.5 ft	FS5-22.0-22.5	JB63299-14A	3/28/2014	N			< 0.26	UJ	51.1		7.9		< 0.40	U	17.3	
FS5	24.0 - 24.5 ft	FS5-24.0-24.5	JB63299-15	3/28/2014	N	12.2	J										
FS5	24.0 - 24.5 ft	FS5-24.0-24.5	JB63299-15A	3/28/2014	N			< 0.32	UJ	57.2		8.8		< 0.49	U	12.1	
FS5	26.0 - 26.5 ft	FS5-26.0-26.5	JB63299-16	3/28/2014	N	***30.2***	***J***										
FS5	26.0 - 26.5 ft	FS5-26.0-26.5	JB63299-16A	3/28/2014	N			< 0.31	UJ	99.1		8.7		< 0.46	U	20.2	
FS5	28.0 - 28.5 ft	FS5-28.0-28.5	JB63299-17	3/28/2014	N	13.1	J										
FS5	28.0 - 28.5 ft	FS5-28.0-28.5	JB63299-17A	3/28/2014	N			< 0.27	UJ	33.5		5.1		< 0.41	U	12.7	
FS5	30.0 - 30.5 ft	FS5-30.0-30.5	JB63299-19	3/28/2014	N	***31.0***	***J***										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS5	30.0 - 30.5 ft	FS5-30.0-30.5	JB63299-19A	3/28/2014	N			< 0.32	UJ	86.6		8.8		< 0.48	U	25.4	
FS5	32.0 - 32.5 ft	FS5-32.0-32.5	JB63299-20	3/28/2014	N	***21.6***	***J***										
FS5	32.0 - 32.5 ft	FS5-32.0-32.5	JB63299-20A	3/28/2014	N			< 0.32	UJ	116		8.2		< 0.48	U	18.4	
FS5	33.0 - 33.5 ft	FS5-33.0-33.5	JB63299-21	3/28/2014	N	***21.4***	***J***										
FS5	33.0 - 33.5 ft	FS5-33.0-33.5	JB63299-21A	3/28/2014	N			< 0.27	UJ	94.0		4.3		< 0.41	U	11.5	
FS5	35.0 - 35.5 ft	FS5-35.0-35.5	JB63299-22	3/28/2014	N	< 0.092	UJ										
FS5	35.0 - 35.5 ft	FS5-35.0-35.5	JB63299-22A	3/28/2014	N			< 0.26	UJ	9.7		7.5		< 0.40	U	15.8	
FS5	37.0 - 37.5 ft	FS5-37.0-37.5	JB63299-23	3/28/2014	N	< 0.086	U										
FS5	37.0 - 37.5 ft	FS5-37.0-37.5	JB63299-23A	3/28/2014	N			< 0.27	UJ	7.3		4.9		< 0.42	U	12.8	
FS5	39.0 - 39.5 ft	FS5-39.0-39.5	JB63299-24	3/28/2014	N	< 0.083	UJ										
FS5	39.0 - 39.5 ft	FS5-39.0-39.5	JB63299-24A	3/28/2014	N			< 0.26	UJ	128		17.7		< 0.33	U	23.9	
FS6	0.0 - 0.5 ft	FS6-0.0-0.5	JB60418-1	2/24/2014	N	***31.4***											
FS6	0.0 - 0.5 ft	FS6-0.0-0.5	JB60418-1A	2/24/2014	N			4.7	J	2440		299		< 0.36	U	280	
FS6	2.0 - 2.5 ft	FS6-2.0-2.5	JB60418-2	2/24/2014	N	17.8											
FS6	2.0 - 2.5 ft	FS6-2.0-2.5	JB60418-2A	2/24/2014	N			3.0	J	2190		280		< 0.36	U	303	
FS6	4.0 - 4.5 ft	FS6-4.0-4.5	JB60418-3	2/24/2014	N	2.7											
FS6	4.0 - 4.5 ft	FS6-4.0-4.5	JB60418-3A	2/24/2014	N			1.4	J	619		12.0		< 0.34	U	16.0	
FS6	6.0 - 6.5 ft	FS6-6.0-6.5	JB60418-4	2/24/2014	N	***42.7***											
FS6	6.0 - 6.5 ft	FS6-6.0-6.5	JB60418-4A	2/24/2014	N			1.1	J	930		17.8		< 0.29	U	19.3	
FS6	8.0 - 8.5 ft	FS6-8.0-8.5	JB60418-5	2/24/2014	N	***40.9***											
FS6	8.0 - 8.5 ft	FS6-8.0-8.5	JB60418-5A	2/24/2014	N			< 0.29	UJ	182		10.8		0.62	J	23.3	
FS6	10.0 - 10.5 ft	FS6-10.0-10.5	JB60418-7	2/24/2014	N	***29.0***											
FS6	10.0 - 10.5 ft	FS6-10.0-10.5	JB60418-7A	2/24/2014	N			< 0.29	UJ	129		11.7		0.38	J	29.0	
FS6	12.0 - 12.5 ft	FS6-12.0-12.5	JB60418-8	2/24/2014	N	13.3											
FS6	12.0 - 12.5 ft	FS6-12.0-12.5	JB60418-8A	2/24/2014	N			< 0.29	UJ	88.7		13.0		1.0	J	30.5	
FS6	14.0 - 14.5 ft	FS6-14.0-14.5	JB60418-9	2/24/2014	N	7.3											
FS6	14.0 - 14.5 ft	FS6-14.0-14.5	JB60418-9A	2/24/2014	N			< 0.28	UJ	39.6		8.4		< 0.35	U	19.8	
FS6	16.0 - 16.5 ft	FS6-16.0-16.5	JB60418-10	2/24/2014	N	11.9											
FS6	16.0 - 16.5 ft	FS6-16.0-16.5	JB60418-10A	2/24/2014	N			< 0.26	UJ	67.8		12.1		< 0.32	U	24.1	
FS6	18.0 - 18.5 ft	FS6-18.0-18.5	JB60418-11	2/24/2014	N	***21.3***											
FS6	18.0 - 18.5 ft	FS6-18.0-18.5	JB60418-11A	2/24/2014	N			< 0.27	UJ	67.3		17.7		0.87	J	38.1	
FS6	20.0 - 20.5 ft	FS6-20.0-20.5	JB60544-1	2/25/2014	N	9.4											
FS6	20.0 - 20.5 ft	FS6-20.0-20.5	JB60544-1A	2/25/2014	N			3.2	J	43.2		12.6		< 0.33	U	27.2	
FS6	22.0 - 22.5 ft	FS6-22.0-22.5	JB60544-2	2/25/2014	N	4.5											
FS6	22.0 - 22.5 ft	FS6-22.0-22.5	JB60544-2A	2/25/2014	N			0.43	J	66.8		11.5		< 0.34	U	21.9	
FS6	24.0 - 24.5 ft	FS6-24.0-24.5	JB60544-3	2/25/2014	N	18.7											
FS6	24.0 - 24.5 ft	FS6-24.0-24.5	JB60544-3A	2/25/2014	N			< 0.28	UJ	45.9		13.4		< 0.35	U	24.9	
FS6	24.0 - 24.5 ft	FS6-24.0-24.5X	JB60544-4	2/25/2014	FD	17.1											
FS6	24.0 - 24.5 ft	FS6-24.0-24.5X	JB60544-4A	2/25/2014	FD			< 0.28	UJ	34.2		6.6		< 0.35	U	14.9	
FS6	26.0 - 26.5 ft	FS6-26.0-26.5	JB60544-5	2/25/2014	N	17.4											
FS6	26.0 - 26.5 ft	FS6-26.0-26.5	JB60544-5A	2/25/2014	N			< 0.27	UJ	30.6		5.8		< 0.34	U	13.3	
FS6	28.0 - 28.5 ft	FS6-28.0-28.5	JB60544-6	2/25/2014	N	17.8											
FS6	28.0 - 28.5 ft	FS6-28.0-28.5	JB60544-6A	2/25/2014	N			< 0.29	UJ	36.4		14.7		< 0.36	U	21.5	
FS6	30.0 - 30.5 ft	FS6-30.0-30.5	JB60544-8	2/25/2014	N	0.37	J										

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Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS6	30.0 - 30.5 ft	FS6-30.0-30.5	JB60544-8A	2/25/2014	N			< 0.30	UJ	14.1		5.6		< 0.38	U	13.1	
FS6	32.0 - 32.5 ft	FS6-32.0-32.5	JB60544-9	2/25/2014	N	0.094	J										
FS6	32.0 - 32.5 ft	FS6-32.0-32.5	JB60544-9A	2/25/2014	N			< 0.28	UJ	9.8		6.9		< 0.35	U	14.1	
FS6	34.0 - 34.5 ft	FS6-34.0-34.5	JB60544-10	2/25/2014	N	0.37	J										
FS6	34.0 - 34.5 ft	FS6-34.0-34.5	JB60544-10A	2/25/2014	N			< 0.29	UJ	19.3		7.6		< 0.36	U	11.5	
FS6	36.0 - 36.5 ft	FS6-36.0-36.5	JB60544-11	2/25/2014	N	0.63											
FS6	36.0 - 36.5 ft	FS6-36.0-36.5	JB60544-11A	2/25/2014	N			< 0.28	UJ	9.9		4.0	J	< 0.35	U	10.4	
FS6	38.0 - 38.5 ft	FS6-38.0-38.5	JB60544-12	2/25/2014	N	0.27	J										
FS6	38.0 - 38.5 ft	FS6-38.0-38.5	JB60544-12A	2/25/2014	N			< 0.29	UJ	8.8		6.5		< 0.36	U	13.6	
FS6	40.0 - 40.5 ft	FS6-40.0-40.5	JB60544-13	2/25/2014	N	0.26	J										
FS6	40.0 - 40.5 ft	FS6-40.0-40.5	JB60544-13A	2/25/2014	N			< 0.31	UJ	7.6		5.3		< 0.38	U	12.5	
FS7	0.0 - 0.5 ft	FS7-0.0-0.5	JB60418-14	2/24/2014	N	16.0											
FS7	0.0 - 0.5 ft	FS7-0.0-0.5	JB60418-14A	2/24/2014	N			1.8	J	732		89.6		0.78	J	83.9	
FS7	2.0 - 2.5 ft	FS7-2.0-2.5	JB60418-15	2/24/2014	N	< 0.078	U										
FS7	2.0 - 2.5 ft	FS7-2.0-2.5	JB60418-15A	2/24/2014	N			2.9	J	18.4		31.5		< 0.34	U	22.3	
FS7	2.0 - 2.5 ft	FS7-2.0-2.5X	JB60418-16	2/24/2014	FD	< 0.079	U										
FS7	2.0 - 2.5 ft	FS7-2.0-2.5X	JB60418-16A	2/24/2014	FD			9.3	J	16.0		29.1		< 0.34	U	21.8	
FS7	4.0 - 4.5 ft	FS7-4.0-4.5	JB60418-17	2/24/2014	N	0.17	J										
FS7	4.0 - 4.5 ft	FS7-4.0-4.5	JB60418-17A	2/24/2014	N			3.8	J	16.5		16.0		< 0.38	U	19.0	
FS7	6.0 - 6.5 ft	FS7-6.0-6.5	JB60418-18	2/24/2014	N	***87.6***											
FS7	6.0 - 6.5 ft	FS7-6.0-6.5	JB60418-18A	2/24/2014	N			0.92	J	1260		16.8		< 0.36	U	22.7	
FS7	8.0 - 8.5 ft	FS7-8.0-8.5	JB60418-19	2/24/2014	N	***56.3***											
FS7	8.0 - 8.5 ft	FS7-8.0-8.5	JB60418-19A	2/24/2014	N			1.4	J	414		13.4		< 0.39	U	41.5	
FS7	10.0 - 10.5 ft	FS7-10.0-10.5	JB60418-21	2/24/2014	N	12.7											
FS7	10.0 - 10.5 ft	FS7-10.0-10.5	JB60418-21A	2/24/2014	N			0.94	J	138		20.3		< 0.36	U	26.9	
FS7	12.0 - 12.5 ft	FS7-12.0-12.5	JB60418-22	2/24/2014	N	12.8											
FS7	12.0 - 12.5 ft	FS7-12.0-12.5	JB60418-22A	2/24/2014	N			0.60	J	79.2		9.4		< 0.35	U	23.4	
FS7	14.0 - 14.5 ft	FS7-14.0-14.5	JB60418-23	2/24/2014	N	12.9											
FS7	14.0 - 14.5 ft	FS7-14.0-14.5	JB60418-23A	2/24/2014	N			0.65	J	123		14.6		< 0.34	U	25.6	
FS7	16.0 - 16.5 ft	FS7-16.0-16.5	JB60418-24	2/24/2014	N	16.5											
FS7	16.0 - 16.5 ft	FS7-16.0-16.5	JB60418-24A	2/24/2014	N			0.84	J	60.3		20.6		< 0.33	U	27.2	
FS7	18.0 - 18.5 ft	FS7-18.0-18.5	JB60418-25	2/24/2014	N	10.7											
FS7	18.0 - 18.5 ft	FS7-18.0-18.5	JB60418-25A	2/24/2014	N			0.59	J	34.3		8.5		< 0.36	U	20.3	
FS7	20.0 - 20.5 ft	FS7-20.0-20.5	JB60418-27	2/24/2014	N	***26.9***											
FS7	20.0 - 20.5 ft	FS7-20.0-20.5	JB60418-27A	2/24/2014	N			0.70	J	43.1		8.9		< 0.33	U	23.1	
FS7	22.0 - 22.5 ft	FS7-22.0-22.5	JB60418-28	2/24/2014	N	***21.0***											
FS7	22.0 - 22.5 ft	FS7-22.0-22.5	JB60418-28A	2/24/2014	N			0.42	J	44.7		6.0		< 0.35	U	15.9	
FS7	24.0 - 24.5 ft	FS7-24.0-24.5	JB60418-29	2/24/2014	N	***104***											
FS7	24.0 - 24.5 ft	FS7-24.0-24.5	JB60418-29A	2/24/2014	N			< 0.31	UJ	116		5.4		< 0.39	U	14.5	
FS7	26.0 - 26.5 ft	FS7-26.0-26.5	JB60418-30	2/24/2014	N	***29.0***											
FS7	26.0 - 26.5 ft	FS7-26.0-26.5	JB60418-30A	2/24/2014	N			0.33	J	43.8		7.1		< 0.35	U	16.6	
FS7	28.0 - 28.5 ft	FS7-28.0-28.5	JB60418-31	2/24/2014	N	1.9											
FS7	28.0 - 28.5 ft	FS7-28.0-28.5	JB60418-31A	2/24/2014	N			< 0.31	UJ	10.6		5.2	J	< 0.39	U	14.8	
FS7	30.0 - 30.5 ft	FS7-30.0-30.5	JB60418-33	2/24/2014	N	0.44	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS7	30.0 - 30.5 ft	FS7-30.0-30.5	JB60418-33A	2/24/2014	N			0.51	J	16.3		11.3		< 0.38	U	18.7	
FS7	32.0 - 32.5 ft	FS7-32.0-32.5	JB60418-34	2/24/2014	N	0.26	J										
FS7	32.0 - 32.5 ft	FS7-32.0-32.5	JB60418-34A	2/24/2014	N			0.44	J	18.1		8.6		< 0.36	U	15.2	
FS7	34.0 - 34.5 ft	FS7-34.0-34.5	JB60418-35	2/24/2014	N	0.20	J										
FS7	34.0 - 34.5 ft	FS7-34.0-34.5	JB60418-35A	2/24/2014	N			0.40	J	10.5		7.2		< 0.37	U	15.9	
FS7	36.0 - 36.5 ft	FS7-36.0-36.5	JB60418-36	2/24/2014	N	0.20	J										
FS7	36.0 - 36.5 ft	FS7-36.0-36.5	JB60418-36A	2/24/2014	N			0.40	J	12.8		10.1		0.53	J	17.6	
FS7	38.0 - 38.5 ft	FS7-38.0-38.5	JB60418-37	2/24/2014	N	< 0.084	U										
FS7	38.0 - 38.5 ft	FS7-38.0-38.5	JB60418-37A	2/24/2014	N			0.44	J	10.4		6.2		< 0.36	U	17.3	
FS7	40.0 - 40.5 ft	FS7-40.0-40.5	JB60418-39	2/24/2014	N	0.14	J										
FS7	40.0 - 40.5 ft	FS7-40.0-40.5	JB60418-39A	2/24/2014	N			0.33	J	8.9		6.3		< 0.37	U	13.9	
FS8	0.0 - 0.5 ft	FS8-0.0-0.5	JB60888-1	2/28/2014	N	3.3	J										
FS8	0.0 - 0.5 ft	FS8-0.0-0.5	JB60888-1A	2/28/2014	N			3.5	J	1490	RA	145	RA	< 0.32	U	84.8	J
FS8	2.0 - 2.5 ft	FS8-2.0-2.5	JB60888-2	2/28/2014	N	12.4	J										
FS8	2.0 - 2.5 ft	FS8-2.0-2.5	JB60888-2A	2/28/2014	N			4.2	J	1220	RA	50.6	RA	0.60	J	57.0	J
FS8	2.0 - 2.5 ft	FS8-2.0-2.5X	JB60888-3	2/28/2014	FD	7.5	J										
FS8	2.0 - 2.5 ft	FS8-2.0-2.5X	JB60888-3A	2/28/2014	FD			0.43	J	11.8	RA	9.2	RA	0.32	J	17.6	J
FS8	4.0 - 4.5 ft	FS8-4.0-4.5	JB60888-4	2/28/2014	N	0.18	J										
FS8	4.0 - 4.5 ft	FS8-4.0-4.5	JB60888-4A	2/28/2014	N			1.2	J	20.9	RA	25.5	RA	< 0.29	U	18.3	J
FS8	6.0 - 6.5 ft	FS8-6.0-6.5	JB60888-5	2/28/2014	N	0.17	J										
FS8	6.0 - 6.5 ft	FS8-6.0-6.5	JB60888-5A	2/28/2014	N			1.1	J	41.1	RA	26.2	RA	< 0.30	U	19.2	J
FS8	8.0 - 8.5 ft	FS8-8.0-8.5	JB60888-6	2/28/2014	N	< 0.086	UJ										
FS8	8.0 - 8.5 ft	FS8-8.0-8.5	JB60888-6A	2/28/2014	N			0.65	J	15.4	RA	15.0	RA	0.37	J	18.7	J
FS8	10.0 - 10.5 ft	FS8-10.0-10.5	JB60888-8	2/28/2014	N	0.25	J										
FS8	10.0 - 10.5 ft	FS8-10.0-10.5	JB60888-8A	2/28/2014	N			0.45	J	13.1	RA	8.2	RA	< 0.35	U	20.0	J
FS8	12.0 - 12.5 ft	FS8-12.0-12.5	JB60888-9	2/28/2014	N	5.2	J										
FS8	12.0 - 12.5 ft	FS8-12.0-12.5	JB60888-9A	2/28/2014	N			0.50	J	23.3	RA	13.4	RA	< 0.30	U	27.5	J
FS8	14.0 - 14.5 ft	FS8-14.0-14.5	JB60888-10	2/28/2014	N	1.4	J										
FS8	14.0 - 14.5 ft	FS8-14.0-14.5	JB60888-10A	2/28/2014	N			0.50	J	18.5	RA	12.3	RA	< 0.34	U	28.5	J
FS8	16.0 - 16.5 ft	FS8-16.0-16.5	JB60888-11	2/28/2014	N	0.42	J										
FS8	16.0 - 16.5 ft	FS8-16.0-16.5	JB60888-11A	2/28/2014	N			0.27	J	13.0	RA	7.0	RA	< 0.33	U	13.2	J
FS8	20.0 - 20.5 ft	FS8-20.0-20.5	JB60888-13	2/28/2014	N	0.24	J										
FS8	20.0 - 20.5 ft	FS8-20.0-20.5	JB60888-13A	2/28/2014	N			0.40	J	16.3	RA	10.3	RA	< 0.33	U	20.3	J
FS8	22.0 - 22.5 ft	FS8-22.0-22.5	JB60888-14	2/28/2014	N	0.16	J										
FS8	22.0 - 22.5 ft	FS8-22.0-22.5	JB60888-14A	2/28/2014	N			< 0.24	UJ	8.1	RA	3.8	RA	< 0.29	U	10.0	J
FS8	24.0 - 24.5 ft	FS8-24.0-24.5	JB60888-15	2/28/2014	N	< 0.088	UJ										
FS8	24.0 - 24.5 ft	FS8-24.0-24.5	JB60888-15A	2/28/2014	N			0.46	J	14.2	RA	12.4	RA	< 0.30	U	17.7	J
FS8	26.0 - 26.5 ft	FS8-26.0-26.5	JB60888-16	2/28/2014	N	0.24	J										
FS8	26.0 - 26.5 ft	FS8-26.0-26.5	JB60888-16A	2/28/2014	N			< 0.31	UJ	8.0	RA	5.3	RA	< 0.38	U	11.4	J
FS8	28.0 - 28.5 ft	FS8-28.0-28.5	JB60888-17	2/28/2014	N	0.12	J										
FS8	28.0 - 28.5 ft	FS8-28.0-28.5	JB60888-17A	2/28/2014	N			0.25	J	10.8	RA	8.0	RA	< 0.29	U	14.3	J
FS8	30.0 - 30.5 ft	FS8-30.0-30.5	JB60888-19	2/28/2014	N	0.27	J										
FS8	30.0 - 30.5 ft	FS8-30.0-30.5	JB60888-19A	2/28/2014	N			< 0.24	UJ	20.4	RA	11.6	RA	< 0.30	U	12.4	J
FS8	32.0 - 32.5 ft	FS8-32.0-32.5	JB60888-20	2/28/2014	N	< 0.082	UJ										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS8	32.0 - 32.5 ft	FS8-32.0-32.5	JB60888-20A	2/28/2014	N			< 0.24	UJ	6.1	RA	4.0	RA	< 0.30	U	9.1	J
FS8	34.0 - 34.5 ft	FS8-34.0-34.5	JB60888-21	2/28/2014	N	0.11	J										
FS8	34.0 - 34.5 ft	FS8-34.0-34.5	JB60888-21A	2/28/2014	N			< 0.23	UJ	8.2	RA	5.6	RA	< 0.29	U	12.1	J
FS8	36.0 - 36.5 ft	FS8-36.0-36.5	JB60888-22	2/28/2014	N	0.41	J										
FS8	36.0 - 36.5 ft	FS8-36.0-36.5	JB60888-22A	2/28/2014	N			0.39	J	13.0	RA	10.9	RA	< 0.29	U	17.1	J
FS8	38.0 - 38.5 ft	FS8-38.0-38.5	JB60888-23	2/28/2014	N	0.32	J										
FS8	38.0 - 38.5 ft	FS8-38.0-38.5	JB60888-23A	2/28/2014	N			0.28	J	9.4	RA	7.1	RA	< 0.30	U	12.9	J
FS9	0.3 - 0.8 ft	FS9-0.3-0.8	JB61122-1A	3/5/2014	N			0.67	J	10.5		14.7		0.61	J	44.4	
FS9	0.3 - 0.8 ft	FS9-0.3-0.8	JB61122-1R	3/5/2014	N	0.70	J										
FS9	2.0 - 2.5 ft	FS9-2.0-2.5	JB61122-2A	3/5/2014	N			< 0.28	UJ	1060		117		0.75	J	160	
FS9	2.0 - 2.5 ft	FS9-2.0-2.5	JB61122-2R	3/5/2014	N	***32.3***	***J***										
FS9	2.0 - 2.5 ft	FS9-2.0-2.5X	JB61122-3A	3/5/2014	FD			< 0.27	UJ	883		106		0.83	J	162	
FS9	2.0 - 2.5 ft	FS9-2.0-2.5X	JB61122-3R	3/5/2014	FD	***37.5***	***J***										
FS9	4.0 - 4.5 ft	FS9-4.0-4.5	JB61122-4A	3/5/2014	N			0.98	J	8.8		10.7		< 0.34	U	17.9	
FS9	4.0 - 4.5 ft	FS9-4.0-4.5	JB61122-4R	3/5/2014	N	0.23	J										
FS9	6.0 - 6.5 ft	FS9-6.0-6.5	JB61122-5A	3/5/2014	N			1.4	J	20.0		32.1		< 0.39	U	27.3	
FS9	6.0 - 6.5 ft	FS9-6.0-6.5	JB61122-5R	3/5/2014	N	0.57	J										
FS9	8.0 - 8.5 ft	FS9-8.0-8.5	JB61122-6A	3/5/2014	N			0.82	J	15.6		17.5		< 0.38	U	21.8	
FS9	8.0 - 8.5 ft	FS9-8.0-8.5	JB61122-6R	3/5/2014	N	1.0	J										
FS9	10.0 - 10.5 ft	FS9-10.0-10.5	JB61122-8A	3/5/2014	N			0.40	J	14.6		10.9		< 0.37	U	24.2	
FS9	10.0 - 10.5 ft	FS9-10.0-10.5	JB61122-8R	3/5/2014	N	1.1	J										
FS9	12.0 - 12.5 ft	FS9-12.0-12.5	JB61122-9A	3/5/2014	N			0.46	J	23.6		15.4		< 0.37	U	26.1	
FS9	12.0 - 12.5 ft	FS9-12.0-12.5	JB61122-9R	3/5/2014	N	1.6	J										
FS9	16.0 - 16.5 ft	FS9-16.0-16.5	JB61122-10A	3/5/2014	N			0.49	J	14.6		19.8		< 0.98	U	26.5	
FS9	16.0 - 16.5 ft	FS9-16.0-16.5	JB61122-10R	3/5/2014	N	1.4	J										
FS9	18.0 - 18.5 ft	FS9-18.0-18.5	JB61122-11	3/5/2014	N	1.7	J										
FS9	18.0 - 18.5 ft	FS9-18.0-18.5	JB61122-11A	3/5/2014	N			0.61	J	18.0		14.6		< 0.32	U	21.1	
FS9	20.0 - 20.5 ft	FS9-20.0-20.5	JB61122-13A	3/5/2014	N			0.62	J	17.4		14.5		< 0.33	U	22.2	
FS9	20.0 - 20.5 ft	FS9-20.0-20.5	JB61122-13R	3/5/2014	N	0.82	J										
FS9	22.0 - 22.5 ft	FS9-22.0-22.5	JB61122-14	3/5/2014	N	< 0.081	UJ										
FS9	22.0 - 22.5 ft	FS9-22.0-22.5	JB61122-14A	3/5/2014	N			< 0.26	UJ	10.7		6.8		< 0.33	U	14.3	
FS9	24.0 - 24.5 ft	FS9-24.0-24.5	JB61122-15	3/5/2014	N	< 0.090	UJ										
FS9	24.0 - 24.5 ft	FS9-24.0-24.5	JB61122-15A	3/5/2014	N			0.32	J	12.5		10.7		< 0.40	U	16.7	
FS9	26.0 - 26.5 ft	FS9-26.0-26.5	JB61122-16	3/5/2014	N	< 0.085	UJ										
FS9	26.0 - 26.5 ft	FS9-26.0-26.5	JB61122-16A	3/5/2014	N			0.34	J	7.6		5.1		< 0.35	U	12.6	
FS9	28.0 - 28.5 ft	FS9-28.0-28.5	JB61122-18	3/5/2014	N	< 0.082	UJ										
FS9	28.0 - 28.5 ft	FS9-28.0-28.5	JB61122-18A	3/5/2014	N			0.32	J	7.8		5.5		< 0.34	U	12.6	
FS9	30.0 - 30.5 ft	FS9-30.0-30.5	JB61122-19	3/5/2014	N	0.30	J										
FS9	30.0 - 30.5 ft	FS9-30.0-30.5	JB61122-19A	3/5/2014	N			0.36	J	12.1		8.9		< 0.35	U	15.1	
FS9	32.0 - 32.5 ft	FS9-32.0-32.5	JB61122-20	3/5/2014	N	0.95	J										
FS9	32.0 - 32.5 ft	FS9-32.0-32.5	JB61122-20A	3/5/2014	N			0.31	J	8.1		4.6	J	< 0.35	U	10.2	
FS9	34.0 - 34.5 ft	FS9-34.0-34.5	JB61122-21	3/5/2014	N	< 0.085	UJ										
FS9	34.0 - 34.5 ft	FS9-34.0-34.5	JB61122-21A	3/5/2014	N			0.57	J	13.7		12.5		< 0.35	U	18.4	
FS9	36.0 - 36.5 ft	FS9-36.0-36.5	JB61122-22	3/5/2014	N	< 0.086	UJ										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FS9	36.0 - 36.5 ft	FS9-36.0-36.5	JB61122-22A	3/5/2014	N			0.42	J	11.2		9.1		< 0.35	U	16.6	
FS9	38.0 - 38.5 ft	FS9-38.0-38.5	JB61122-23	3/5/2014	N	0.17	J										
FS9	38.0 - 38.5 ft	FS9-38.0-38.5	JB61122-23A	3/5/2014	N			< 0.28	UJ	10.6		8.7		0.63	J	18.6	
FSI1	1.0 - 1.5 ft	FSI1-1.0-1.5	JB64098-1A	4/8/2014	N			< 2.4	U	73.6		85.5		7.6	J	44.8	
FSI1	1.0 - 1.5 ft	FSI1-1.0-1.5	JB64098-1R	4/8/2014	N	1.4	J										
FSI10	0.0 - 0.5 ft	FSI10-0.0-0.5	JB96351-6	6/5/2015	N	0.72	J										
FSI10	0.0 - 0.5 ft	FSI10-0.0-0.5	JB96351-6A	6/5/2015	N			< 0.36	UJ	8.6		9.2		< 0.22	UJ	14.7	
FSI10	1.0 - 1.5 ft	FSI10-1.0-1.5	JB96351-7	6/5/2015	N	2.8	J										
FSI10	1.0 - 1.5 ft	FSI10-1.0-1.5	JB96351-7A	6/5/2015	N			< 0.34	UJ	28.6		15.9		0.21	J	34.1	
FSI10	1.0 - 1.5 ft	FSI10-1.0-1.5X	JB96351-8A	6/5/2015	FD			0.48	J	32.0		13.0		< 0.19	UJ	34.2	
FSI10	1.0 - 1.5 ft	FSI10-1.0-1.5X	JB96351-8R	6/5/2015	FD	1.9	J										
FSI10	3.0 - 3.5 ft	FSI10-3.0-3.5	JB96351-9	6/5/2015	N	1.1	J										
FSI10	3.0 - 3.5 ft	FSI10-3.0-3.5	JB96351-9A	6/5/2015	N			< 0.35	UJ	22.0		15.1		< 0.22	UJ	20.4	
FSI10	5.0 - 5.5 ft	FSI10-5.0-5.5	JB96351-10	6/5/2015	N	1.0	J										
FSI10	5.0 - 5.5 ft	FSI10-5.0-5.5	JB96351-10A	6/5/2015	N			< 0.38	UJ	33.2		22.4		0.77	J	27.6	
FSI10	10.0 - 10.5 ft	FSI10-10.0-10.5	JB96351-11	6/5/2015	N	2.3	J										
FSI10	10.0 - 10.5 ft	FSI10-10.0-10.5	JB96351-11A	6/5/2015	N			0.54	J	29.4		12.5		< 0.22	UJ	14.0	
FSI10	11.0 - 11.5 ft	FSI10-11.0-11.5	JB96351-12	6/5/2015	N	1.3	J										
FSI10	11.0 - 11.5 ft	FSI10-11.0-11.5	JB96351-12A	6/5/2015	N			< 0.39	UJ	15.1		13.3		< 0.24	UJ	21.7	
FSI10	13.0 - 13.5 ft	FSI10-13.0-13.5	JB96351-13	6/5/2015	N	1.6	J										
FSI10	13.0 - 13.5 ft	FSI10-13.0-13.5	JB96351-13A	6/5/2015	N			< 0.44	UJ	15.8		16.9		< 0.27	UJ	21.1	
FSI10	15.0 - 15.5 ft	FSI10-15.0-15.5	JB96351-14A	6/5/2015	N			< 0.45	UJ	18.9		17.6		< 0.28	UJ	25.1	
FSI10	15.0 - 15.5 ft	FSI10-15.0-15.5	JB96351-14R	6/5/2015	N	1.1	J										
FSI10	17.0 - 17.5 ft	FSI10-17.0-17.5	JB96351-15	6/5/2015	N	0.31	J										
FSI10	17.0 - 17.5 ft	FSI10-17.0-17.5	JB96351-15A	6/5/2015	N			< 0.38	UJ	14.6		17.8		< 0.24	UJ	19.8	
FSI1A	0.8 - 1.3 ft	FSI1A-0.8-1.3	JB96462-4	6/6/2015	N	< 0.23	U										
FSI1A	0.8 - 1.3 ft	FSI1A-0.8-1.3	JB96462-4A	6/6/2015	N			0.42	B	24.3		23.1		< 0.24	U	15.7	
FSI3	0.5 - 1.0 ft	FSI3-0.5-1.0	JB64643-1	4/12/2014	N	1.2	J										
FSI3	0.5 - 1.0 ft	FSI3-0.5-1.0	JB64643-1A	4/12/2014	N			0.78	J	18.3		15.7		< 0.50	U	20.6	J
FSI3	1.0 - 1.5 ft	FSI3-1.0-1.5	JB64643-2	4/12/2014	N	0.78	J										
FSI3	1.0 - 1.5 ft	FSI3-1.0-1.5	JB64643-2A	4/12/2014	N			0.97	J	12.6		18.0		< 0.48	U	17.4	J
FSI3	1.5 - 2.0 ft	FSI3-1.5-2.0	JB64643-3	4/12/2014	N	0.58	J										
FSI3	1.5 - 2.0 ft	FSI3-1.5-2.0	JB64643-3A	4/12/2014	N			1.1	J	21.4		16.7		< 0.47	U	29.5	J
FSI3	1.5 - 2.0 ft	FSI3-1.5-2.0X	JB64643-4	4/12/2014	FD	0.60	J										
FSI3	1.5 - 2.0 ft	FSI3-1.5-2.0X	JB64643-4A	4/12/2014	FD			1.7	J	15.6		13.6		< 0.49	U	20.6	J
FSI3	3.5 - 4.0 ft	FSI3-3.5-4.0	JB64643-5	4/12/2014	N	0.90	J										
FSI3	3.5 - 4.0 ft	FSI3-3.5-4.0	JB64643-5A	4/12/2014	N			1.2	J	14.6		14.7		< 0.54	U	20.4	J
FSI3	5.5 - 6.0 ft	FSI3-5.5-6.0	JB64643-6	4/12/2014	N	0.39	J										
FSI3	5.5 - 6.0 ft	FSI3-5.5-6.0	JB64643-6A	4/12/2014	N			0.87	J	14.8		17.0		< 0.56	U	20.4	J
FSI3	7.5 - 8.0 ft	FSI3-7.5-8.0	JB64643-7	4/12/2014	N	0.47	J										
FSI3	7.5 - 8.0 ft	FSI3-7.5-8.0	JB64643-7A	4/12/2014	N			< 0.27	UJ	16.7	J	10		< 0.40	U	23.9	J
FSI3	8.0 - 8.5 ft	FSI3-8.0-8.5	JB64643-8	4/12/2014	N	0.13	J										
FSI3	8.0 - 8.5 ft	FSI3-8.0-8.5	JB64643-8A	4/12/2014	N			0.87	J	17.2		11.1		< 0.48	U	29.4	J
FSI4A	0.5 - 1.0 ft	FSI4A-0.5-1.0	JB96995-1	6/13/2015	N	0.30	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FSI4A	0.5 - 1.0 ft	FSI4A-0.5-1.0	JB96995-1A	6/13/2015	N			0.50	J	20.6	J	28.9		< 0.22	U	30.2	
FSI4A	2.0 - 2.5 ft	FSI4A-2.0-2.5	JB96995-5	6/13/2015	N	0.69	J										
FSI4A	2.0 - 2.5 ft	FSI4A-2.0-2.5	JB96995-5A	6/13/2015	N			< 0.38	UJ	17.5	J	15.6		< 0.23	U	23.0	
FSI4A	4.0 - 4.5 ft	FSI4A-4.0-4.5	JB96995-4A	6/13/2015	N			< 0.37	UJ	18.0	J	12.7		< 0.22	U	15.7	
FSI4A	4.0 - 4.5 ft	FSI4A-4.0-4.5	JB96995-4R	6/13/2015	N	0.58	J										
FSI4A	6.0 - 6.5 ft	FSI4A-6.0-6.5	JB96995-2A	6/13/2015	N			< 0.37	UJ	59.4	J	12.1		< 0.23	U	31.1	
FSI4A	6.0 - 6.5 ft	FSI4A-6.0-6.5	JB96995-2R	6/13/2015	N	1.5	J										
FSI4A	6.0 - 6.5 ft	FSI4A-6.0-6.5X	JB96995-3A	6/13/2015	FD			< 0.30	UJ	25.7	J	17.6		< 0.19	U	24.6	
FSI4A	6.0 - 6.5 ft	FSI4A-6.0-6.5X	JB96995-3R	6/13/2015	FD	0.63	J										
FSI4A	8.0 - 8.5 ft	FSI4A-8.0-8.5	JB96995-6	6/13/2015	N	***54.5***	***J***										
FSI4A	8.0 - 8.5 ft	FSI4A-8.0-8.5	JB96995-6A	6/13/2015	N			< 0.39	UJ	370	J	15.3		< 0.24	U	38.6	
FSI4A	8.5 - 9.0 ft	FSI4A-8.5-9.0	JB96995-7T	6/13/2015	N	15.0	J	< 0.34	UJ	133	J	12.2		< 0.21	U	23.9	
FSI5A	2.0 - 2.5 ft	FSI5A-2.0-2.5	JB96576-2	6/9/2015	N	0.40	J										
FSI5A	2.0 - 2.5 ft	FSI5A-2.0-2.5	JB96576-2A	6/9/2015	N			< 0.36	UJ	8.7		8.0		< 0.22	U	10.8	
FSI5A	3.0 - 3.5 ft	FSI5A-3.0-3.5	JB96576-3	6/9/2015	N	0.42	J										
FSI5A	3.0 - 3.5 ft	FSI5A-3.0-3.5	JB96576-3A	6/9/2015	N			< 0.40	UJ	25.7		12.1		< 0.24	U	16.9	
FSI5A	5.0 - 5.5 ft	FSI5A-5.0-5.5	JB96576-4	6/9/2015	N	< 0.24	U										
FSI5A	5.0 - 5.5 ft	FSI5A-5.0-5.5	JB96576-4A	6/9/2015	N			< 0.37	UJ	13.0		10.0		< 0.23	U	18.7	
FSI5A	5.0 - 5.5 ft	FSI5A-5.0-5.5X	JB96576-5	6/9/2015	FD	0.35	J										
FSI5A	5.0 - 5.5 ft	FSI5A-5.0-5.5X	JB96576-5A	6/9/2015	FD			< 0.39	UJ	10.6		8.2		< 0.24	U	17.1	
FSI5A	7.0 - 7.5 ft	FSI5A-7.0-7.5	JB96576-6	6/9/2015	N	0.27	J										
FSI5A	7.0 - 7.5 ft	FSI5A-7.0-7.5	JB96576-6A	6/9/2015	N			< 0.36	UJ	12.7		9.0		< 0.22	U	20.4	
FSI5A	9.0 - 9.5 ft	FSI5A-9.0-9.5	JB96576-7	6/9/2015	N	0.34	J										
FSI5A	9.0 - 9.5 ft	FSI5A-9.0-9.5	JB96576-7A	6/9/2015	N			< 0.37	UJ	10		6.8		< 0.23	U	15.3	
FSI5A	11.0 - 11.5 ft	FSI5A-11.0-11.5	JB96576-8	6/9/2015	N	< 0.23	U										
FSI5A	11.0 - 11.5 ft	FSI5A-11.0-11.5	JB96576-8A	6/9/2015	N			< 0.38	UJ	7.7		7.6		< 0.23	U	11.6	
FSI6A	2.0 - 2.5 ft	FSI6A-2.0-2.5	JB96704-2A	6/10/2015	N			< 0.31	UJ	14.8		13.9		< 0.19	U	19.1	
FSI6A	2.0 - 2.5 ft	FSI6A-2.0-2.5	JB96704-2R	6/10/2015	N	0.67	J										
FSI6A	2.0 - 2.5 ft	FSI6A-2.0-2.5X	JB96704-3	6/10/2015	FD	0.37	J										
FSI6A	2.0 - 2.5 ft	FSI6A-2.0-2.5X	JB96704-3A	6/10/2015	FD			< 0.31	UJ	16.0		14.4		< 0.19	U	18.0	
FSI6A	4.0 - 4.5 ft	FSI6A-4.0-4.5	JB96704-4	6/10/2015	N	0.49	J										
FSI6A	4.0 - 4.5 ft	FSI6A-4.0-4.5	JB96704-4A	6/10/2015	N			< 0.32	UJ	14.6		16.4		< 0.19	U	19.7	
FSI6A	6.0 - 6.5 ft	FSI6A-6.0-6.5	JB96704-5	6/10/2015	N	0.47	J										
FSI6A	6.0 - 6.5 ft	FSI6A-6.0-6.5	JB96704-5A	6/10/2015	N			< 0.37	UJ	15.9		12.1		< 0.23	U	24.7	
FSI7	0.5 - 1.0 ft	FSI7-0.5-1.0	JB64510-1	4/11/2014	N	0.98											
FSI7	0.5 - 1.0 ft	FSI7-0.5-1.0	JB64510-1A	4/11/2014	N			< 0.35	UJ	16.2		14.1		< 0.52	U	20.3	
FSI7	2.0 - 2.5 ft	FSI7-2.0-2.5	JB64510-2	4/11/2014	N	0.92											
FSI7	2.0 - 2.5 ft	FSI7-2.0-2.5	JB64510-2A	4/11/2014	N			< 0.34	UJ	15.7		16.3		< 0.52	U	20.7	
FSI7	4.0 - 4.5 ft	FSI7-4.0-4.5	JB64510-3	4/11/2014	N	0.57											
FSI7	4.0 - 4.5 ft	FSI7-4.0-4.5	JB64510-3A	4/11/2014	N			0.39	J	14.7		13.9		0.50	J	19.2	
FSI7	6.0 - 6.5 ft	FSI7-6.0-6.5	JB64510-4	4/11/2014	N	0.38	J										
FSI7	6.0 - 6.5 ft	FSI7-6.0-6.5	JB64510-4A	4/11/2014	N			< 0.36	UJ	16.4		15.7		< 0.54	U	20.0	
FSI7	8.0 - 8.5 ft	FSI7-8.0-8.5	JB64510-5	4/11/2014	N	0.56											
FSI7	8.0 - 8.5 ft	FSI7-8.0-8.5	JB64510-5A	4/11/2014	N			< 0.30	UJ	12.4		15.8		< 0.46	U	16.4	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FSI7	10.0 - 10.5 ft	FSI7-10.0-10.5	JB64510-6	4/11/2014	N	0.50	J										
FSI7	10.0 - 10.5 ft	FSI7-10.0-10.5	JB64510-6A	4/11/2014	N			< 0.33	UJ	12.7		15.1		< 0.50	U	14.6	
FSI7	10.5 - 11.0 ft	FSI7-10.5-11.0	JB64510-7	4/11/2014	N	0.40	J										
FSI7	10.5 - 11.0 ft	FSI7-10.5-11.0	JB64510-7A	4/11/2014	N			< 0.33	UJ	15.2		16.7		< 0.50	U	15.2	
FSI8	0.5 - 1.0 ft	FSI8-0.5-1.0	JB64326-1A	4/10/2014	N			< 0.34	UJ	21.2	J	13.3		0.97	J	16.4	
FSI8	0.5 - 1.0 ft	FSI8-0.5-1.0	JB64326-1R	4/10/2014	N	1.1	J										
FSI8	1.0 - 1.5 ft	FSI8-1.0-1.5	JB64326-2A	4/10/2014	N			< 0.33	UJ	18.7	J	15.1		0.78	J	19.9	
FSI8	1.0 - 1.5 ft	FSI8-1.0-1.5	JB64326-2R	4/10/2014	N	3.6	J										
FSI8	1.0 - 1.5 ft	FSI8-1.0-1.5X	JB64326-3	4/10/2014	FD	1.4	J										
FSI8	1.0 - 1.5 ft	FSI8-1.0-1.5X	JB64326-3A	4/10/2014	FD			< 0.34	UJ	20.3	J	15.1		0.99	J	20.2	
FSI8	1.5 - 2.0 ft	FSI8-1.5-2.0	JB64326-4A	4/10/2014	N			< 0.32	UJ	21.7	J	16.6		0.51	J	25.3	
FSI8	1.5 - 2.0 ft	FSI8-1.5-2.0	JB64326-4R	4/10/2014	N	1.3	J										
FSI8	2.0 - 2.5 ft	FSI8-2.0-2.5	JB64326-5A	4/10/2014	N			< 0.32	UJ	17.0	J	13.8		0.60	J	21.5	
FSI8	2.0 - 2.5 ft	FSI8-2.0-2.5	JB64326-5R	4/10/2014	N	1.7	J										
FSI8	2.5 - 3.0 ft	FSI8-2.5-3.0	JB64326-6	4/10/2014	N	2.4	J										
FSI8	2.5 - 3.0 ft	FSI8-2.5-3.0	JB64326-6A	4/10/2014	N			< 0.37	UJ	30.9	J	17.4		< 0.55	U	20.0	
FSI8	3.0 - 3.5 ft	FSI8-3.0-3.5	JB64326-7A	4/10/2014	N			< 0.35	UJ	16.7	J	15.8		0.62	J	20.0	
FSI8	3.0 - 3.5 ft	FSI8-3.0-3.5	JB64326-7R	4/10/2014	N	1.6	J										
FSI8	3.5 - 4.0 ft	FSI8-3.5-4.0	JB64326-8A	4/10/2014	N			0.34	J	20.4	J	15.2		< 0.52	U	19.7	
FSI8	3.5 - 4.0 ft	FSI8-3.5-4.0	JB64326-8R	4/10/2014	N	5.6	J										
FSI8	4.0 - 4.5 ft	FSI8-4.0-4.5	JB64510-9	4/11/2014	N	0.49	J										
FSI8	4.0 - 4.5 ft	FSI8-4.0-4.5	JB64510-9A	4/11/2014	N			0.44	J	21.3		14.2		0.45	J	18.3	
FSI8	6.0 - 6.5 ft	FSI8-6.0-6.5	JB64510-10	4/11/2014	N	0.24	J										
FSI8	6.0 - 6.5 ft	FSI8-6.0-6.5	JB64510-10A	4/11/2014	N			< 0.35	UJ	14.2		13.7		< 0.53	U	17.5	
FSI8	6.0 - 6.5 ft	FSI8-6.0-6.5X	JB64510-11	4/11/2014	FD	< 0.094	U										
FSI8	6.0 - 6.5 ft	FSI8-6.0-6.5X	JB64510-11A	4/11/2014	FD			< 0.34	UJ	13.9		14.1		< 0.52	U	17.9	
FSI8	8.0 - 8.5 ft	FSI8-8.0-8.5	JB64510-12	4/11/2014	N	0.16	J										
FSI8	8.0 - 8.5 ft	FSI8-8.0-8.5	JB64510-12A	4/11/2014	N			< 0.28	UJ	17.0		14.3		0.61	J	22.3	
FSI8	10.0 - 10.5 ft	FSI8-10.0-10.5	JB64510-13	4/11/2014	N	0.53											
FSI8	10.0 - 10.5 ft	FSI8-10.0-10.5	JB64510-13A	4/11/2014	N			0.56	J	16.7		12.0		< 0.50	U	26.2	
FSI9	0.4 - 0.9 ft	FSI9-0.4-0.9	JB63992-1	4/7/2014	N	0.62											
FSI9	0.4 - 0.9 ft	FSI9-0.4-0.9	JB63992-1A	4/7/2014	N			< 0.30	UJ	10.4		4.7		< 0.45	U	10.9	
FSI9	1.5 - 2.0 ft	FSI9-1.5-2.0	JB63992-10	4/7/2014	N	4.7											
FSI9	1.5 - 2.0 ft	FSI9-1.5-2.0	JB63992-10A	4/7/2014	N			0.61	J	136		18.2		< 0.44	U	41.8	
FSI9	5.0 - 5.5 ft	FSI9-5.0-5.5	JB63992-2	4/7/2014	N	1.4											
FSI9	5.0 - 5.5 ft	FSI9-5.0-5.5	JB63992-2A	4/7/2014	N			< 0.32	UJ	28.8		14.7		< 0.48	U	19.3	
FSI9	7.0 - 7.5 ft	FSI9-7.0-7.5	JB63992-3	4/7/2014	N	0.52											
FSI9	7.0 - 7.5 ft	FSI9-7.0-7.5	JB63992-3A	4/7/2014	N			< 0.34	UJ	18.0		15.5		< 0.52	U	25.5	
FSI9	8.0 - 8.5 ft	FSI9-8.0-8.5	JB63992-11	4/7/2014	N	0.65											
FSI9	8.0 - 8.5 ft	FSI9-8.0-8.5	JB63992-11A	4/7/2014	N			< 0.34	UJ	16.8		14.4		< 0.51	U	21.6	
FSI9	10.0 - 10.5 ft	FSI9-10.0-10.5	JB63992-4	4/7/2014	N	0.46	J										
FSI9	10.0 - 10.5 ft	FSI9-10.0-10.5	JB63992-4A	4/7/2014	N			< 0.34	UJ	18.2		16.5		< 0.52	U	21.6	
FSI9	12.0 - 12.5 ft	FSI9-12.0-12.5	JB63992-5	4/7/2014	N	0.42	J										
FSI9	12.0 - 12.5 ft	FSI9-12.0-12.5	JB63992-5A	4/7/2014	N			< 0.31	UJ	17.1		13.2		< 0.47	U	23.9	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FSI9	14.0 - 14.5 ft	FSI9-14.0-14.5	JB63992-6	4/7/2014	N	0.25	J										
FSI9	14.0 - 14.5 ft	FSI9-14.0-14.5	JB63992-6A	4/7/2014	N			< 0.30	UJ	15.2		11.2		< 0.45	U	25.8	
FSI9	14.0 - 14.5 ft	FSI9-14.0-14.5X	JB63992-7	4/7/2014	FD	0.15	J										
FSI9	14.0 - 14.5 ft	FSI9-14.0-14.5X	JB63992-7A	4/7/2014	FD			< 0.29	UJ	13.4		9.7		< 0.44	U	23.0	
FSI9	16.0 - 16.5 ft	FSI9-16.0-16.5	JB63992-8	4/7/2014	N	0.21	J										
FSI9	16.0 - 16.5 ft	FSI9-16.0-16.5	JB63992-8A	4/7/2014	N			< 0.31	UJ	8.8		30.0		< 0.47	U	15.4	
FSI9	16.5 - 17.0 ft	FSI9-16.5-17.0	JB63992-9	4/7/2014	N	< 0.082	U										
FSI9	16.5 - 17.0 ft	FSI9-16.5-17.0	JB63992-9A	4/7/2014	N			< 0.32	UJ	5.7		10.5		< 0.49	U	10.1	
FSTP1-SewerLine	7.1 - 7.6 ft	FSTP1-7.1-7.6	JB59711-14	2/12/2014	N	0.24	J										
FSTP1-SewerLine	7.1 - 7.6 ft	FSTP1-7.1-7.6	JB59711-14A	2/12/2014	N			1.1	J	28.2		30.1		0.92	J	39.6	
FSTP1-WaterLine1	4.0 - 4.5 ft	FSTP1-4.0-4.5	JB59605-23A	2/11/2014	N			2.1	J	67.4		22.8	J	0.83	J	33.2	J
FSTP1-WaterLine1	4.0 - 4.5 ft	FSTP1-4.0-4.5	JB59605-23R	2/11/2014	N	1.4	J										
FSTP1-WaterLine2	5.2 - 5.7 ft	FSTP1-5.2-5.7	JB59711-13	2/12/2014	N	0.60											
FSTP1-WaterLine2	5.2 - 5.7 ft	FSTP1-5.2-5.7	JB59711-13A	2/12/2014	N			0.37	J	20.4		17.3		< 0.36	U	28.0	
FSTP2-WaterLine1	4.3 - 4.8 ft	FSTP2-4.3-4.8	JB61122-26	3/5/2014	N	0.53	J										
FSTP2-WaterLine1	4.3 - 4.8 ft	FSTP2-4.3-4.8	JB61122-26A	3/5/2014	N			< 0.24	UJ	5.7		9.4		< 0.30	U	88.3	
FSTP3-SewerLine	6.8 - 7.3 ft	FSTP3-6.8-7.3	JB61214-2	3/6/2014	N	18.2	J										
FSTP3-SewerLine	6.8 - 7.3 ft	FSTP3-6.8-7.3	JB61214-2A	3/6/2014	N			0.39	J	387		30.3		0.99	J	37.1	
FSTP3-WaterLine1	4.6 - 5.1 ft	FSTP3-4.6-5.1	JB61214-1	3/6/2014	N	5.1	J										
FSTP3-WaterLine1	4.6 - 5.1 ft	FSTP3-4.6-5.1	JB61214-1A	3/6/2014	N			0.38	J	44.5		23.4		< 0.35	U	30.4	
GA	0.1 - 0.5 ft	GA0.1-0.5	712563	3/15/2004	N	< 4.18	U										
GA	0.8 - 1.8 ft	GA0.8-1.8	712564	3/15/2004	N	10.3											
GA	4.0 - 4.5 ft	GA4-4.5	712565	3/15/2004	N	< 4.72	U										
GA	5.2 - 6.2 ft	GA5.2-6.2	712566	3/15/2004	N	< 4.55	U										
GA	5.2 - 6.2 ft	GA5.2-6.2D	712567	3/15/2004	FD	< 4.54	U										
GA	8.0 - 8.5 ft	GA8-8.5	712568	3/15/2004	N	13.2											
GA	8.5 - 9.0 ft	GA8.5-9	712569	3/15/2004	N	< 4.91	U										
GA	12.0 - 12.5 ft	GA12-12.5	712570	3/15/2004	N	7.7											
GA	16.0 - 16.5 ft	GA16-16.5	712571	3/15/2004	N	12.7											
GA	17.0 - 17.5 ft	GA17-17.5	712572	3/15/2004	N	***24.4***											
GAR-PDI-A'3B	1.0 - 1.5 ft	GAR-PDI-A'3B-1.0-1.5	JC30310-2	10/23/2016	N	3.6	J										
GAR-PDI-A'3B	3.0 - 3.5 ft	GAR-PDI-A'3B-3.0-3.5	JC30310-9	10/23/2016	N	< 0.33	UJ										
GAR-PDI-A'3B	5.0 - 5.5 ft	GAR-PDI-A'3B-5.0-5.5	JC30310-10	10/23/2016	N	0.48	J										
GAR-PDI-A'3B	6.0 - 6.5 ft	GAR-PDI-A'3B-6.0-6.5	JC30780-25	10/30/2016	N	2.6	J										
GAR-PDI-A'3B	6.5 - 7.0 ft	GAR-PDI-A'3B-6.5-7.0	JC30780-26	10/30/2016	N	1.7	J										
GAR-PDI-A'3B	7.0 - 7.5 ft	GAR-PDI-A'3B-7.0-7.5	JC30310-11	10/23/2016	N	0.84	J										
GAR-PDI-A'3B	9.0 - 9.5 ft	GAR-PDI-A'3B-9.0-9.5	JC30310-12	10/23/2016	N	0.80	J										
GAR-PDI-A'3B	11.0 - 11.5 ft	GAR-PDI-A'3B-11.0-11.5	JC30310-3	10/23/2016	N	0.57	J										
GAR-PDI-A'3B	13.0 - 13.5 ft	GAR-PDI-A'3B-13.0-13.5	JC30310-4	10/23/2016	N	< 0.31	UJ										
GAR-PDI-A'3B	15.0 - 15.5 ft	GAR-PDI-A'3B-15.0-15.5	JC30310-5	10/23/2016	N	0.57	J										
GAR-PDI-A'3B	17.0 - 17.5 ft	GAR-PDI-A'3B-17.0-17.5	JC30310-6	10/23/2016	N	0.45	J										
GAR-PDI-A'3B	19.0 - 19.5 ft	GAR-PDI-A'3B-19.0-19.5	JC30310-7	10/23/2016	N	0.49	J										
GAR-PDI-A'3B	20.0 - 20.5 ft	GAR-PDI-A'3B-20.0-20.5	JC30310-8	10/23/2016	N	0.42	J										
GAR-PDI-A'4B	1.0 - 1.5 ft	GAR-PDI-A'4B-1.0-1.5	JC30310-13	10/23/2016	N	4.4	J										

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Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
GAR-PDI-A'4B	3.0 - 3.5 ft	GAR-PDI-A'4B-3.0-3.5	JC30310-20	10/23/2016	N	< 0.31	UJ										
GAR-PDI-A'4B	3.0 - 3.5 ft	GAR-PDI-A'4B-3.0-3.5X	JC30310-21	10/23/2016	FD	< 0.31	UJ										
GAR-PDI-A'4B	5.0 - 5.5 ft	GAR-PDI-A'4B-5.0-5.5	JC30310-22	10/23/2016	N	0.54	J										
GAR-PDI-A'4B	5.5 - 6.0 ft	GAR-PDI-A'4B-5.5-6.0	JC30780-27	10/30/2016	N	1.3	J										
GAR-PDI-A'4B	6.0 - 6.5 ft	GAR-PDI-A'4B-6.0-6.5	JC30780-28	10/30/2016	N	1.7	J										
GAR-PDI-A'4B	7.0 - 7.5 ft	GAR-PDI-A'4B-7.0-7.5	JC30310-23	10/23/2016	N	1.3	J										
GAR-PDI-A'4B	9.0 - 9.5 ft	GAR-PDI-A'4B-9.0-9.5	JC30310-24	10/23/2016	N	0.69	J										
GAR-PDI-A'4B	11.0 - 11.5 ft	GAR-PDI-A'4B-11.0-11.5	JC30310-14	10/23/2016	N	0.76	J										
GAR-PDI-A'4B	13.0 - 13.5 ft	GAR-PDI-A'4B-13.0-13.5	JC30310-15	10/23/2016	N	0.94	J										
GAR-PDI-A'4B	15.0 - 15.5 ft	GAR-PDI-A'4B-15.0-15.5	JC30310-16	10/23/2016	N	0.35	J										
GAR-PDI-A'4B	17.0 - 17.5 ft	GAR-PDI-A'4B-17.0-17.5	JC30310-17	10/23/2016	N	< 0.32	UJ										
GAR-PDI-A'4B	19.0 - 19.5 ft	GAR-PDI-A'4B-19.0-19.5	JC30310-18	10/23/2016	N	7.1	J										
GAR-PDI-A'4B	20.0 - 20.5 ft	GAR-PDI-A'4B-20.0-20.5	JC30310-19	10/23/2016	N	7.1	J										
GAR-PDI-B'12A	6.5 - 7.0 ft	GAR-PDI-B'12A-6.5-7.0	JC31680-4	11/13/2016	N	0.53	J										
GAR-PDI-B'12A	7.0 - 7.5 ft	GAR-PDI-B'12A-7.0-7.5	JC31680-5	11/13/2016	N	< 0.33	UJ										
GAR-PDI-B'12A	18.0 - 18.5 ft	GAR-PDI-B'12A-18.0-18.5	JC31680-2	11/13/2016	N	1.9	J										
GAR-PDI-B'12A	20.0 - 20.5 ft	GAR-PDI-B'12A-20.0-20.5	JC31680-3	11/13/2016	N	1.2	J										
GAR-PDI-B'8A	1.5 - 2.0 ft	GAR-PDI-B'8A-1.5-2.0	JC31222-5R	11/6/2016	N	0.46	J										
GAR-PDI-B'8A	3.5 - 4.0 ft	GAR-PDI-B'8A-3.5-4.0	JC31222-13	11/6/2016	N	< 0.34	UJ										
GAR-PDI-B'8A	3.5 - 4.0 ft	GAR-PDI-B'8A-3.5-4.0X	JC31222-14R	11/6/2016	FD	0.62	J										
GAR-PDI-B'8A	4.5 - 5.0 ft	GAR-PDI-B'8A-4.5-5.0	JC31222-15	11/6/2016	N	< 0.33	UJ										
GAR-PDI-B'8A	6.5 - 7.0 ft	GAR-PDI-B'8A-6.5-7.0	JC31222-16R	11/6/2016	N	0.35	J										
GAR-PDI-B'8A	8.5 - 9.0 ft	GAR-PDI-B'8A-8.5-9.0	JC31222-17R	11/6/2016	N	1.1	J										
GAR-PDI-B'8A	10.5 - 11.0 ft	GAR-PDI-B'8A-10.5-11.0	JC31222-6	11/6/2016	N	0.94	J										
GAR-PDI-B'8A	12.0 - 12.5 ft	GAR-PDI-B'8A-12.0-12.5	JC31222-7	11/6/2016	N	0.38	J										
GAR-PDI-B'8A	12.5 - 13.0 ft	GAR-PDI-B'8A-12.5-13.0	JC31222-8R	11/6/2016	N	0.45	J										
GAR-PDI-B'8A	14.5 - 15.0 ft	GAR-PDI-B'8A-14.5-15.0	JC31222-9	11/6/2016	N	0.94	J										
GAR-PDI-B'8A	16.5 - 17.0 ft	GAR-PDI-B'8A-16.5-17.0	JC31222-10R	11/6/2016	N	0.48	J										
GAR-PDI-B'8A	18.5 - 19.0 ft	GAR-PDI-B'8A-18.5-19.0	JC31222-11R	11/6/2016	N	0.43	J										
GAR-PDI-B'8A	20.0 - 20.5 ft	GAR-PDI-B'8A-20.0-20.5	JC31222-12R	11/6/2016	N	0.71	J										
GB	0.4 - 0.9 ft	GB0.4-0.9	712573	3/15/2004	N	***20.6***											
GB	0.4 - 0.9 ft	GB0.4-0.9-727913	727913	3/15/2004	N			2.3	J					< 0.2	U		
GB	1.5 - 2.0 ft	GB1.5-2	712574	3/15/2004	N	***48.4***											
GB	1.5 - 2.0 ft	GB1.5-2.0-727914	727914	3/15/2004	N			0.41	J					0.27			
GB	4.0 - 4.5 ft	GB4.0-4.5-727915	727915	3/15/2004	N			< 0.41	UJ								
GB	4.0 - 4.5 ft	GB4-4.5	712575	3/15/2004	N	< 5.13	U										
GB	6.0 - 6.5 ft	GB6.0-6.5-727916	727916	3/15/2004	N			< 0.36	UJ								
GB	8.0 - 8.5 ft	GB8.0-8.5-727917	727917	3/15/2004	N			< 0.37	UJ								
GB	10.0 - 10.5 ft	GB10.0-10.5-727918	727918	3/15/2004	N			< 0.41	UJ								
GC	4.0 - 4.5 ft	GC4-4.5	712780	3/16/2004	N	< 5.22	UJ										
GC	6.0 - 6.3 ft	GC6-6.3	712781	3/16/2004	N	< 5	UJ										
GC	8.0 - 8.5 ft	GC8-8.5	712782	3/16/2004	N	< 4.96	UJ										
GD	4.0 - 4.5 ft	GD4.0-4.5_1-727919	727919	3/16/2004	N			< 0.44	UJ								
GD	4.0 - 4.5 ft	GD4.0-4.5D-727920	727920	3/16/2004	FD			< 0.43	UJ								

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Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
GD	4.0 - 4.5 ft	GD4-4.5	712776	3/16/2004	N	< 5.6	UJ										
GD	4.0 - 4.5 ft	GD4-4.5D	712777	3/16/2004	FD	< 5.06	UJ										
GD	5.9 - 6.4 ft	GD5.9-6.4	712778	3/16/2004	N	< 5.47	UJ										
GD	8.0 - 8.5 ft	GD8.0-8.5-727921	727921	3/16/2004	N			< 0.36	UJ								
GD	8.0 - 8.5 ft	GD8-8.5	712779	3/16/2004	N	< 4.66	UJ										
GD	9.0 - 9.5 ft	GD9.0-9.5-727922	727922	3/16/2004	N			< 0.38	UJ								
GE	4.1 - 4.6 ft	GE4.1-4.6	712769	3/16/2004	N	< 5.37	UJ										
GE	4.1 - 4.6 ft	GE4.1-4.6-727923	727923	3/16/2004	N			< 0.42	UJ								
GE	4.1 - 4.6 ft	GE4.1-4.6D-727924	727924	3/16/2004	FD			< 0.43	UJ								
GE	5.6 - 6.1 ft	GE 5.6-6.1	712770	3/16/2004	N	< 5.4	UJ										
GE	8.1 - 8.6 ft	GE 8.1-8.6	712771	3/16/2004	N	< 4.98	UJ										
GE	8.1 - 8.6 ft	GE 8.1-8.6-727925	727925	3/16/2004	N			< 0.4	UJ					0.26			
GE	12.1 - 12.6 ft	GE12.1-12.6	712772	3/16/2004	N	< 4.8	UJ										
GE	12.1 - 12.6 ft	GE12.1-12.6-727926	727926	3/16/2004	N			< 0.38	UJ					< 0.21	U		
GE	16.1 - 16.6 ft	GE16.1-16.6	712773	3/16/2004	N	< 4.58	UJ										
GE	20.5 - 21.0 ft	GE20.5-21.0	712774	3/16/2004	N	< 4.61	UJ										
GE	24.5 - 25.0 ft	GE24.5-25	712775	3/16/2004	N	< 4.73	UJ										
GG	4.4 - 4.9 ft	GG 4.4-4.9	712764	3/16/2004	N	< 4.89	UJ										
GG	5.5 - 6.0 ft	GG 5.5-6.0	712765	3/16/2004	N	< 4.76	UJ										
GG	8.4 - 8.9 ft	GG 8.4-8.9	712766	3/16/2004	N	< 4.78	UJ										
GG	12.4 - 12.9 ft	GG 12.4-12.9	712767	3/16/2004	N	< 5.69	UJ										
GG	13.0 - 13.5 ft	GG 13-13.5	712768	3/16/2004	N	< 5.57	UJ										
H0	0.5 - 1.0 ft	H0-0.5-1.0	JB60081-13A	2/19/2014	N			5.0	J	92.8	J	23.3		< 0.75	U	21.3	
H0	0.5 - 1.0 ft	H0-0.5-1.0	JB60081-13R	2/19/2014	N	3.0	RA										
H0	2.5 - 3.0 ft	H0-2.5-3.0	JB60081-14A	2/19/2014	N			3.0	J	25.1	J	22.8		< 2.1	U	33.8	
H0	2.5 - 3.0 ft	H0-2.5-3.0	JB60081-14R	2/19/2014	N	2.8	RA										
H0	4.5 - 5.0 ft	H0-4.5-5.0	JB60081-15A	2/19/2014	N			1.4	J	10.9	J	21.1		< 0.36	U	18.5	
H0	4.5 - 5.0 ft	H0-4.5-5.0	JB60081-15R	2/19/2014	N	0.62	RA										
H0	6.5 - 7.0 ft	H0-6.5-7.0	JB60081-16A	2/19/2014	N			0.57	J	16.1	J	13.9		< 0.34	U	23.3	
H0	6.5 - 7.0 ft	H0-6.5-7.0	JB60081-16R	2/19/2014	N	0.48	RA										
H0	8.5 - 9.0 ft	H0-8.5-9.0	JB60081-17	2/19/2014	N	0.25	RA										
H0	8.5 - 9.0 ft	H0-8.5-9.0	JB60081-17A	2/19/2014	N			0.37	J	9.9	J	9.2		< 0.38	U	15.6	
H0	10.5 - 11.0 ft	H0-10.5-11.0	JB60081-18	2/19/2014	N	0.15	RA										
H0	10.5 - 11.0 ft	H0-10.5-11.0	JB60081-18A	2/19/2014	N			2.4	J	14.3	J	15.4		< 3.9	U	22.7	
H0	12.5 - 13.0 ft	H0-12.5-13.0	JB60081-19	2/19/2014	N	< 0.17	RA										
H0	12.5 - 13.0 ft	H0-12.5-13.0	JB60081-19A	2/19/2014	N			12.2	J	76.5	J	22.5	J	< 0.74	UJ	28.0	J
H0	14.5 - 15.0 ft	H0-14.5-15.0	JB60081-20A	2/19/2014	N			1.4	J	22.8	J	13.7		< 0.42	U	28.6	
H0	14.5 - 15.0 ft	H0-14.5-15.0	JB60081-20R	2/19/2014	N	1.8	RA										
H0	16.5 - 17.0 ft	H0-16.5-17.0	JB60081-21	2/19/2014	N	3.5	RA										
H0	16.5 - 17.0 ft	H0-16.5-17.0	JB60081-21A	2/19/2014	N			< 0.51	UJ	23.0	J	12.3	J	< 0.64	UJ	32.9	J
H0A	0.5 - 1.0 ft	H0A-0.5-1.0	JB60003-1A	2/18/2014	N			0.98	J	59.7	J	21.5		0.43	J	25.2	
H0A	0.5 - 1.0 ft	H0A-0.5-1.0	JB60003-1R	2/18/2014	N	0.62	J										
H0A	2.5 - 3.0 ft	H0A-2.5-3.0	JB60003-2A	2/18/2014	N			3.4	J	49.2	J	25.5		< 7.7	U	23.5	
H0A	2.5 - 3.0 ft	H0A-2.5-3.0	JB60003-2R	2/18/2014	N	1.9	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
H0A	2.5 - 3.0 ft	H0A-2.5-3.0X	JB60003-3A	2/18/2014	FD			1.8	J	30.8	J	24.4		< 1.9	U	24.7	
H0A	2.5 - 3.0 ft	H0A-2.5-3.0X	JB60003-3R	2/18/2014	FD	1.2	J										
H0A	4.5 - 5.0 ft	H0A-4.5-5.0	JB60003-4A	2/18/2014	N			4.2	J	22.7	J	16.3		< 0.41	U	33.3	
H0A	4.5 - 5.0 ft	H0A-4.5-5.0	JB60003-4R	2/18/2014	N	0.75	J										
H0A	6.5 - 7.0 ft	H0A-6.5-7.0	JB60003-5	2/18/2014	N	0.20	J										
H0A	6.5 - 7.0 ft	H0A-6.5-7.0	JB60003-5A	2/18/2014	N			3.9	J	56.7	J	18.5		2.7	J	24.5	
H0A	8.5 - 9.0 ft	H0A-8.5-9.0	JB60003-6A	2/18/2014	N			1.7	J	9.0	J	29.0		< 0.41	U	15.3	
H0A	8.5 - 9.0 ft	H0A-8.5-9.0	JB60003-6R	2/18/2014	N	0.30	J										
H0A	10.5 - 11.0 ft	H0A-10.5-11.0	JB60003-7A	2/18/2014	N			0.57	J	13.4	J	15.4		< 0.40	U	26.3	
H0A	10.5 - 11.0 ft	H0A-10.5-11.0	JB60003-7R	2/18/2014	N	0.23	J										
H0A	12.5 - 13.0 ft	H0A-12.5-13.0	JB60003-8A	2/18/2014	N			4.2	J	121	J	14.0		< 2.1	U	13.1	
H0A	12.5 - 13.0 ft	H0A-12.5-13.0	JB60003-8R	2/18/2014	N	0.18	J										
H0A	14.5 - 15.0 ft	H0A-14.5-15.0	JB60003-9A	2/18/2014	N			0.36	J	15.9	J	12.8		< 1.1	U	25.5	
H0A	14.5 - 15.0 ft	H0A-14.5-15.0	JB60003-9R	2/18/2014	N	0.38	J										
H0A	16.5 - 17.0 ft	H0A-16.5-17.0	JB60003-10	2/18/2014	N	4.5	J										
H0A	16.5 - 17.0 ft	H0A-16.5-17.0	JB60003-10A	2/18/2014	N			< 0.82	UJ	34.3	J	25.8	J	< 1.0	UJ	52.6	J
H0B	0.5 - 1.0 ft	H0B-0.5-1.0	JB60081-1	2/19/2014	N	2.5	J										
H0B	0.5 - 1.0 ft	H0B-0.5-1.0	JB60081-1A	2/19/2014	N			6.8	J	81.8	J	45.0	J	< 0.91	UJ	55.6	J
H0B	2.5 - 3.0 ft	H0B-2.5-3.0	JB60081-2A	2/19/2014	N			3.3	J	16.1	J	17.2		< 0.35	U	13.2	
H0B	2.5 - 3.0 ft	H0B-2.5-3.0	JB60081-2R	2/19/2014	N	1.0	J										
H0B	2.5 - 3.0 ft	H0B-2.5-3.0X	JB60081-3A	2/19/2014	FD			3.5	J	20.3	J	21.5		< 0.35	U	19.5	
H0B	2.5 - 3.0 ft	H0B-2.5-3.0X	JB60081-3R	2/19/2014	FD	1.6	J										
H0B	4.5 - 5.0 ft	H0B-4.5-5.0	JB60081-4	2/19/2014	N	0.51	J										
H0B	4.5 - 5.0 ft	H0B-4.5-5.0	JB60081-4A	2/19/2014	N			6.1	J	31.0	J	33.2		< 0.47	U	21.6	
H0B	6.5 - 7.0 ft	H0B-6.5-7.0	JB60081-5	2/19/2014	N	1.7	J										
H0B	6.5 - 7.0 ft	H0B-6.5-7.0	JB60081-5A	2/19/2014	N			6.5	J	20.9	J	31.3		< 0.40	U	16.2	
H0B	8.5 - 9.0 ft	H0B-8.5-9.0	JB60081-6	2/19/2014	N	0.57	J										
H0B	8.5 - 9.0 ft	H0B-8.5-9.0	JB60081-6A	2/19/2014	N			27.3	J	70.6	J	25.6		< 1.2	U	16.5	
H0B	10.5 - 11.0 ft	H0B-10.5-11.0	JB60081-7A	2/19/2014	N			30.7	J	114	J	18.7		< 0.85	U	19.5	
H0B	10.5 - 11.0 ft	H0B-10.5-11.0	JB60081-7R	2/19/2014	N	0.17	J										
H0B	12.5 - 13.0 ft	H0B-12.5-13.0	JB60081-8	2/19/2014	N	0.77	J										
H0B	12.5 - 13.0 ft	H0B-12.5-13.0	JB60081-8A	2/19/2014	N			4.3	J	25.4	J	24.5		< 0.38	U	23.4	
H0B	14.5 - 15.0 ft	H0B-14.5-15.0	JB60081-9	2/19/2014	N	0.28	J										
H0B	14.5 - 15.0 ft	H0B-14.5-15.0	JB60081-9A	2/19/2014	N			0.64	J	19.7	J	11.8		< 0.37	U	28.4	
H0B	16.5 - 17.0 ft	H0B-16.5-17.0	JB60081-10	2/19/2014	N	5.5	J										
H0B	16.5 - 17.0 ft	H0B-16.5-17.0	JB60081-10A	2/19/2014	N			< 0.61	UJ	22.2	J	19.6	J	< 0.75	UJ	26.6	J
H1	0.3 - 0.8 ft	H1-0.3	460-34629-26	12/10/2011	N	2.1	J	0.71	J	236		17.8		< 0.19	U	16.4	
H1	5.0 - 5.5 ft	H1-5.0	460-34629-27	12/10/2011	N	< 0.92	U	3.3	J	23.2		35.0		< 0.21	U	22.6	
H1	10.0 - 10.5 ft	H1-10.0	460-34629-28	12/10/2011	N	0.97	J	3.6	J	87.4		28.7		< 0.20	U	23.3	
H1	15.0 - 15.5 ft	H1-15.0	460-34629-29	12/10/2011	N	1.0	J	2.5	J	55.3		30.2		< 0.19	U	21.1	
H1	16.0 - 16.5 ft	H1-16.0	460-34629-30	12/10/2011	N	< 2.6	UJ	< 1.2	UJ	16.1	J	14.7	J	< 0.55	UJ	28.3	J
H1A	0.5 - 1.0 ft	H1A-0.5	460-34629-13	12/10/2011	N	***27.4***			R	670	J	36.6		< 0.22	U	39.0	
H1A	0.5 - 1.0 ft	H1A-0.5X	460-34629-14	12/10/2011	FD	***26.0***			R	1330	J	46.5		< 0.21	U	40.9	
H1A	2.0 - 2.5 ft	H1A-2.0	460-34629-15	12/10/2011	N	< 0.98	U	0.83	J	16.3		14.3		0.29		26.9	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
H1A	5.0 - 3.5 ft	H1A-5.0	460-34629-16	12/10/2011	N	5.7		5.3	J	104		17.2		0.22	J	25.6	
H1A	6.0 - 6.5 ft	H1A-6.0	460-34629-17	12/10/2011	N	< 1.1	U	2.6	J	33.1		18.6		0.26		28.0	
H1A	10.0 - 10.5 ft	H1A-10.0	460-34629-18	12/10/2011	N	< 1.1	U	**48.5**	**J**	77.0		18.4		0.25		23.8	
H1A	15.0 - 15.5 ft	H1A-15.0	460-34629-19	12/10/2011	N	< 1.0	U	1.8	J	35.8		16.4		< 0.24	U	24.5	
H1A1	0.4 - 0.9 ft	H1A1-0.4-0.9	JB16928-13	9/20/2012	N	***123***	***J***										
H1A11	0.2 - 0.7 ft	H1A11-0.2-0.7	JB60293-1	2/21/2014	N	9.1	J										
H1A11	0.2 - 0.7 ft	H1A11-0.2-0.7	JB60293-1A	2/21/2014	N			**202**		1850		52.5		< 1.8	U	34.2	
H1A11	2.0 - 2.5 ft	H1A11-2.0-2.5	JB60293-2A	2/21/2014	N			20.3		41.9		46.3		2.1	J	37.8	
H1A11	2.0 - 2.5 ft	H1A11-2.0-2.5	JB60293-2R	2/21/2014	N	0.92	J										
H1A11	2.0 - 2.5 ft	H1A11-2.0-2.5X	JB60293-3	2/21/2014	FD	1.0	J										
H1A11	2.0 - 2.5 ft	H1A11-2.0-2.5X	JB60293-3A	2/21/2014	FD			17.5		42.3		35.1		2.8	J	27.2	
H1A11	3.5 - 4.0 ft	H1A11-3.5-4.0	JB60293-4	2/21/2014	N	0.25	J										
H1A11	3.5 - 4.0 ft	H1A11-3.5-4.0	JB60293-4A	2/21/2014	N			1.5	J	12.5		81.5		< 0.67	U	18.4	
H1A12	0.2 - 0.7 ft	H1A12-0.2-0.7	JB60293-7A	2/21/2014	N			1.4	J	29.4		23.6		< 0.38	U	29.8	
H1A12	0.2 - 0.7 ft	H1A12-0.2-0.7	JB60293-7R	2/21/2014	N	1.9	J										
H1A12	2.5 - 3.0 ft	H1A12-2.5-3.0	JB60293-8	2/21/2014	N	8.8	J										
H1A12	2.5 - 3.0 ft	H1A12-2.5-3.0	JB60293-8A	2/21/2014	N			2.0	J	114		23.1		< 0.77	U	30.6	
H1A12	3.5 - 4.0 ft	H1A12-3.5-4.0	JB60293-9A	2/21/2014	N			0.74	J	16.6		23.7		< 0.39	UJ	31.3	
H1A12	3.5 - 4.0 ft	H1A12-3.5-4.0	JB60293-9R	2/21/2014	N	1.7	J										
H1A2	0.6 - 1.1 ft	H1A2-0.6-1.1	JB16928-11R	9/20/2012	N	***20.5***	***J***										
H1A2	0.6 - 1.1 ft	H1A2-0.6-1.1X	JB16928-10	9/20/2012	FD	19.4	J										
H1A3	0.4 - 0.9 ft	H1A3-0.4-0.9	JB16928-8R	9/20/2012	N	***339***	***J***										
H1A3V	0.2 - 0.7 ft	H1A3V-0.2-0.7	JB60293-14A	2/21/2014	N			< 0.28	U	1100		48.6		< 0.34	U	33.7	
H1A3V	0.2 - 0.7 ft	H1A3V-0.2-0.7	JB60293-14R	2/21/2014	N	***58.7***	***J***										
H1A3V	2.0 - 2.5 ft	H1A3V-2.0-2.5	JB60293-15	2/21/2014	N	1.7	J										
H1A3V	2.0 - 2.5 ft	H1A3V-2.0-2.5	JB60293-15A	2/21/2014	N			< 0.88	U	29.0		15.0		< 0.73	U	14.0	
H1A3V	3.0 - 3.5 ft	H1A3V-3.0-3.5	JB60293-17	2/21/2014	N	1.8	J										
H1A3V	3.0 - 3.5 ft	H1A3V-3.0-3.5	JB60293-17A	2/21/2014	N			10.3		85.4		34.5		< 1.1	U	25.6	
H1A3V	5.0 - 5.5 ft	H1A3V-5.0-5.5	JB60293-18	2/21/2014	N	0.51	J										
H1A3V	5.0 - 5.5 ft	H1A3V-5.0-5.5	JB60293-18A	2/21/2014	N			1.6	J	12.7		16.9		< 0.36	U	21.5	
H1A3V	6.0 - 6.5 ft	H1A3V-6.0-6.5	JB60293-13A	2/21/2014	N			**58.3**		18.3		17.9		< 0.39	U	21.5	
H1A3V	6.0 - 6.5 ft	H1A3V-6.0-6.5	JB60293-13R	2/21/2014	N	0.27	J										
H1A3V	8.0 - 8.5 ft	H1A3V-8.0-8.5	JB60293-19	2/21/2014	N	0.94	J										
H1A3V	8.0 - 8.5 ft	H1A3V-8.0-8.5	JB60293-19A	2/21/2014	N			1.9	J	21.7		16.2		< 0.83	U	30.5	
H1A3V	10.0 - 10.5 ft	H1A3V-10.0-10.5	JB60293-20	2/21/2014	N	0.50	J										
H1A3V	10.0 - 10.5 ft	H1A3V-10.0-10.5	JB60293-20A	2/21/2014	N			7.0		65.2		11.6		< 0.45	U	14.2	
H1A3V	12.0 - 12.5 ft	H1A3V-12.0-12.5	JB60293-21	2/21/2014	N	0.27	J										
H1A3V	12.0 - 12.5 ft	H1A3V-12.0-12.5	JB60293-21A	2/21/2014	N			11.1		28.6		16.8		< 0.42	U	17.4	
H1A3V	14.0 - 14.5 ft	H1A3V-14.0-14.5	JB60293-22A	2/21/2014	N			0.49	J	17.3		13.5		< 0.29	U	20.7	
H1A3V	14.0 - 14.5 ft	H1A3V-14.0-14.5	JB60293-22T	2/21/2014	N	0.74	J										
H1A3V	15.5 - 16.0 ft	H1A3V-15.5-16.0	JB60293-16A	2/21/2014	N			< 0.54	UJ	28.3	J	18.4	J	< 0.67	UJ	34.0	J
H1A3V	15.5 - 16.0 ft	H1A3V-15.5-16.0	JB60293-16R	2/21/2014	N	3.7	J										
H1A4	0.4 - 0.9 ft	H1A4-0.4-0.9	JB16928-7R	9/20/2012	N	***146***	***J***										
H1A5	0.6 - 1.1 ft	H1A5-0.6-1.1	JB16928-6	9/20/2012	N	***39.6***											

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Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
H1A6	0.3 - 0.8 ft	H1A6-0.3-0.8	JB16928-5	9/20/2012	N	15.8											
H1A7	0.4 - 0.9 ft	H1A7-0.4-0.9	JB16928-3	9/20/2012	N	***39.8***											
H1A8	0.4 - 0.9 ft	H1A8-0.4-0.9	JB16928-2	9/20/2012	N	***30.3***											
H1A9	0.5 - 1.0 ft	H1A9-0.5-1.0	JB60293-26	2/21/2014	N	0.39	J										
H1A9	0.5 - 1.0 ft	H1A9-0.5-1.0	JB60293-26A	2/21/2014	N			3.8	J	64.3		33.0		< 0.60	U	24.2	
H1A9	2.5 - 3.0 ft	H1A9-2.5-3.0	JB60293-27A	2/21/2014	N			3.9	J	86.6		33.8		< 1.4	U	26.4	
H1A9	2.5 - 3.0 ft	H1A9-2.5-3.0	JB60293-27T	2/21/2014	N	1.7	J										
H1A9	2.5 - 3.0 ft	H1A9-2.5-3.0X	JB60293-28	2/21/2014	FD	1.7	J										
H1A9	2.5 - 3.0 ft	H1A9-2.5-3.0X	JB60293-28A	2/21/2014	FD			2.8	J	63.4		29.1		< 0.30	U	25.3	
H1A9	3.5 - 4.0 ft	H1A9-3.5-4.0	JB60293-29A	2/21/2014	N			0.92	J	17.8		20.1		0.98	J	29.1	
H1A9	3.5 - 4.0 ft	H1A9-3.5-4.0	JB60293-29T	2/21/2014	N	0.75	J										
H1B	0.2 - 0.7 ft	H1B-0.2	460-34629-1	12/10/2011	N	3.8		9.1	J	491		30.0		< 0.21	U	23.1	
H1B	5.0 - 5.5 ft	H1B-5.0	460-34629-2	12/10/2011	N	< 1.2	U	8.5	J	23.1		27.1		0.32		17.5	
H1B	10.0 - 10.5 ft	H1B-10.0	460-34629-3	12/10/2011	N	3.9		8.9	J	581		39.3		< 1.1	U	28.9	
H1B	15.0 - 15.5 ft	H1B-15.0	460-34629-4	12/10/2011	N	< 1.0	U	18.2	J	442		31.8		< 0.23	U	24.3	
H1B	20.0 - 20.5 ft	H1B-20.0	460-34629-5	12/10/2011	N	< 0.87	U	< 0.43	UJ	15.1		11.1		< 0.20	U	15.9	
H1B	25.0 - 25.5 ft	H1B-25.0	460-34629-6	12/10/2011	N	< 1.0	U	1.7	J	32.1		8.0		< 0.21	U	16.6	
H1B	30.0 - 30.5 ft	H1B-30.0	460-34629-7	12/10/2011	N	< 0.87	U	< 0.39	UJ	8.1		6.6		< 0.19	U	11.3	
H2	0.6 - 1.1 ft	H2-0.6	460-34629-31	12/10/2011	N	1.6	J	4.6	J	43.2	J	22.1		< 0.21	U	22.0	J
H2	0.6 - 1.1 ft	H2-0.6X	460-34629-32	12/10/2011	FD	2.2	J	2.3	J	36.2	J	20.8		< 0.21	U	21.6	J
H2	2.0 - 2.5 ft	H2-2.0	460-34629-33	12/10/2011	N	1.9	J	2.8	J	156	J	21.8		0.23		20.8	J
H2	5.0 - 5.5 ft	H2-5.0	460-34629-34	12/10/2011	N	1.9	J	1.9	J	37.2	J	23.8		< 0.22	U	28.2	J
H2	10.0 - 10.5 ft	H2-10.0	460-34629-35	12/10/2011	N	< 0.86	UJ	4.9	J	34.5	J	14.5	J	< 0.21	U	19.6	J
H2	15.0 - 15.5 ft	H2-15.0	460-34629-36	12/10/2011	N	< 1.1	UJ	7.0	J	18.0	J	11.8		< 0.28	U	16.8	J
H2	16.0 - 16.5 ft	H2-16.0	460-34629-37	12/10/2011	N	< 1.4	UJ	5.1	J	19.3	J	17.5	J	< 0.31	U	28.2	J
H2	18.0 - 18.5 ft	H2-18.0	460-34629-38	12/10/2011	N	< 2.8	UJ	< 1.3	UJ	14.4	J	34.4	J	< 0.61	UJ	30.2	J
H2A	0.4 - 0.9 ft	H2A-0.4	460-34629-20	12/10/2011	N	< 0.88	UJ	4.1	J	106	J	23.0	J	0.20	J	19.8	J
H2A	2.0 - 2.5 ft	H2A-2.0	460-34629-21	12/10/2011	N	< 0.98	UJ	0.83	J	9.6	J	46.7	J	< 0.23	U	24.1	J
H2A	5.0 - 5.5 ft	H2A-5.0	460-34629-22	12/10/2011	N	3.0	J	1.8	J	25.1	J	81.9	J	9.9		31.8	J
H2A	6.0 - 6.5 ft	H2A-6.0	460-34629-23	12/10/2011	N	< 1.1	UJ	4.8	J	20.1	J	17.9	J	0.41		26.3	J
H2A	10.0 - 10.5 ft	H2A-10.0	460-34629-24	12/10/2011	N	3.6	J	1.8	J	18.1	J	17.4	J	< 0.23	U	21.0	J
H2A	15.0 - 15.5 ft	H2A-15.0	460-34629-25	12/10/2011	N	< 1.5	UJ	< 0.70	UJ	16.0	J	11.3	J	< 0.33	U	21.9	J
H2B	5.0 - 5.5 ft	H2B-5.0	460-34629-8	12/10/2011	N	2.7	J	7.7	J	828	J	23.1		< 0.23	U	19.9	J
H2B	10.0 - 10.5 ft	H2B-10.0	460-34629-9	12/10/2011	N	< 0.99	UJ	14.1	J	714	J	30.9		< 0.24	U	43.9	J
H2B	15.0 - 15.5 ft	H2B-15.0	460-34629-10	12/10/2011	N	< 1.1	UJ	29.4	J	366	J	27.6		0.33		19.8	J
H2B	20.0 - 20.5 ft	H2B-20.0	460-34629-11	12/10/2011	N	< 1.7	UJ	< 0.86	UJ	33.5	J	18.5		< 0.41	U	30.3	J
H2B	25.0 - 25.5 ft	H2B-25.0	460-34629-12	12/10/2011	N	< 0.97	UJ	< 0.47	UJ	11.1	J	5.9		< 0.22	U	16.1	J
H3	0.5 - 1.0 ft	H3-0.5	460-34629-49	12/11/2011	N	14.3	J	1.9	J	1380		56.7	J	0.23		42.2	
H3	5.0 - 5.5 ft	H3-5.0	460-34629-50	12/11/2011	N	3.4	J	29.1	J	391		237	J	< 0.25	U	31.8	
H3	6.0 - 6.5 ft	H3-6.0	460-34629-51	12/11/2011	N	< 1.1	UJ	2.9	J	32.0		22.8	J	0.34		24.2	
H3	10.0 - 10.5 ft	H3-10.0	460-34629-52	12/11/2011	N	< 1.0	UJ	**36.9**	**J**	94.8		76.3	J	< 0.23	U	24.0	
H3A	0.5 - 1.0 ft	H3A-0.5	460-34629-53	12/11/2011	N	< 1.0	UJ	8.6	J	280		37.4	J	0.23	J	31.7	
H3A	5.0 - 5.5 ft	H3A-5.0	460-34629-54	12/11/2011	N	17.8	J	13.2	J	5410		33.0	J	< 4.3	U	27.7	
H3A	7.0 - 7.5 ft	H3A-7.0	460-34629-55	12/11/2011	N	6.2	J	6.6	J	33.5		30.3	J	0.25	J	17.6	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
H3A	10.0 - 10.5 ft	H3A-10.0	460-34629-56	12/11/2011	N	4.0	J	10.3	J	576		25.2	J	< 0.51	U	22.4	
H3A	15.0 - 15.5 ft	H3A-15.0	460-34629-57	12/11/2011	N	< 1.7	UJ	< 0.85	UJ	17.4		8.6	J	< 0.40	U	23.6	
H3B	1.5 - 2.0 ft	H3B-1.5	460-34629-40	12/11/2011	N	< 0.92	UJ	**127**	**J**	69.8		33.9	J	0.21	J	21.5	
H3B	5.0 - 5.5 ft	H3B-5.0	460-34629-41	12/11/2011	N	1.5	J	8.8	J	52.5		48.7	J	< 0.20	U	19.6	
H3B	10.0 - 10.5 ft	H3B-10.0	460-34629-42	12/11/2011	N	< 0.97	UJ	7.2	J	81.1		48.0	J	0.24	J	20.4	
H3B	15.0 - 15.5 ft	H3B-15.0	460-34629-43	12/11/2011	N	1.2	J	2.8	J	45.2		20.1	J	< 0.26	U	22.7	
H3B	17.0 - 17.5 ft	H3B-17.0	460-34629-44	12/11/2011	N		R	< 0.084	UJ	0.79		0.76	J	< 0.040	U	1.8	
H3B	20.0 - 20.5 ft	H3B-20.0	460-34629-45	12/11/2011	N	< 0.88	UJ	< 0.41	UJ	19.0		12.7	J	< 0.20	U	21.5	
H3B	25.0 - 25.5 ft	H3B-25.0	460-34629-46	12/11/2011	N	< 0.86	UJ	< 0.42	UJ	12.3		7.9	J	< 0.20	U	17.8	
H3B	25.0 - 25.5 ft	H3B-25.0X	460-34629-47	12/11/2011	FD	< 0.89	UJ	< 0.42	UJ	13.3		8.1	J	< 0.20	U	19.5	
H3B	30.0 - 30.5 ft	H3B-30.0	460-34629-48	12/11/2011	N	< 0.89	UJ	< 0.45	UJ	14.4		7.4	J	< 0.21	U	13.6	
H4	0.5 - 1.0 ft	H4-0.5	460-34629-58	12/11/2011	N	3.3		7.6	J	325		38.7	J	0.26		47.2	
H4	5.0 - 5.5 ft	H4-5.0	460-34629-59	12/11/2011	N	2.7		2.3	J	258		18.0	J	< 0.18	U	21.9	
H4	7.0 - 7.5 ft	H4-7.0	460-34629-60	12/11/2011	N	< 0.87	U	3.9	J	12.2		12.9	J	< 0.21	U	19.9	
H4	10.0 - 10.5 ft	H4-10.0	460-34629-61	12/11/2011	N	< 0.90	U	1.6	J	31.9		13.6	J	< 0.19	U	22.8	
H4	15.0 - 15.5 ft	H4-15.0	460-34629-62	12/11/2011	N	< 0.86	U	2.1	J	26.4		19.3	J	< 0.20	U	16.6	
H4A	0.5 - 1.0 ft	H4A-0.5	460-34629-63	12/11/2011	N	***170***		16.6	J	1490		80.3	J	< 0.22	U	58.2	
H4A	2.0 - 2.5 ft	H4A-2.0	460-34629-64	12/11/2011	N	< 0.92	U	3.3	J	16.2		19.7	J	< 0.22	U	19.4	
H4A	5.0 - 5.5 ft	H4A-5.0	460-34629-65	12/11/2011	N	5.5		4.3	J	229		37.4	J	0.22	J	42.5	
H4A	7.0 - 7.5 ft	H4A-7.0	460-34629-66	12/11/2011	N	< 0.92	U	19.1	J	23.4		50.2	J	< 0.21	U	23.7	
H4A	10.0 - 10.5 ft	H4A-10.0	460-34629-67	12/11/2011	N	< 0.89	U	2.9	J	170		68.6	J	< 0.21	U	25.1	
H4A1	0.5 - 1.0 ft	H4A1-0.5-1.0	JB17033-10	9/21/2012	N	***707***	***J***										
H4A10	0.5 - 1.0 ft	H4A10-0.5-1.0	JB61327-1A	3/7/2014	N			5.0	J	26.7		25.2		0.81	J	28.2	
H4A10	0.5 - 1.0 ft	H4A10-0.5-1.0	JB61327-1R	3/7/2014	N	1.1	J										
H4A10	2.5 - 3.0 ft	H4A10-2.5-3.0	JB61327-2	3/7/2014	N	8.7	J										
H4A10	2.5 - 3.0 ft	H4A10-2.5-3.0	JB61327-2A	3/7/2014	N			1.6	J	222		27.6		< 1.5	U	47.0	
H4A11	0.5 - 1.0 ft	H4A11S-0.5-1.0	JB61327-6	3/7/2014	N	1.8	J										
H4A11	0.5 - 1.0 ft	H4A11S-0.5-1.0	JB61327-6A	3/7/2014	N			1.3	J	21.3		22.1		0.68	J	26.0	
H4A11	2.5 - 3.0 ft	H4A11S-2.5-3.0	JB61327-5A	3/7/2014	N			2.6	J	342		41.8		< 1.4	U	32.2	
H4A11	2.5 - 3.0 ft	H4A11S-2.5-3.0	JB61327-5R	3/7/2014	N	5.9	J										
H4A12	0.5 - 1.0 ft	H4A12-0.5-1.0	JB61327-9A	3/7/2014	N			0.41	J	18.7		21.0		< 0.61	U	24.2	
H4A12	0.5 - 1.0 ft	H4A12-0.5-1.0	JB61327-9R	3/7/2014	N	1.4	J										
H4A12	0.5 - 1.0 ft	H4A12-0.5-1.0X	JB61327-10A	3/7/2014	FD			0.51	J	18.5		19.8		< 0.58	U	28.9	
H4A12	0.5 - 1.0 ft	H4A12-0.5-1.0X	JB61327-10R	3/7/2014	FD	1.8	J										
H4A12	2.5 - 3.0 ft	H4A12-2.5-3.0	JB61327-11A	3/7/2014	N			0.93	J	332		46.1		< 0.59	U	31.3	
H4A12	2.5 - 3.0 ft	H4A12-2.5-3.0	JB61327-11R	3/7/2014	N	6.1	J										
H4A2	0.4 - 0.9 ft	H4A2-0.4-0.9	JB17033-9	9/21/2012	N	***103***	***J***										
H4A2	0.4 - 0.9 ft	H4A2-0.4-0.9X	JB17033-8	9/21/2012	FD	***102***	***J***										
H4A3	0.4 - 0.9 ft	H4A3-0.4-0.9	JB17033-7	9/21/2012	N	7.0	J										
H4A4	0.6 - 1.1 ft	H4A4-0.6-1.1	JB17033-6	9/21/2012	N	***1370***	***J***										
H4A4V	0.5 - 1.0 ft	H4A4V-0.5-1.0	JB61327-15A	3/7/2014	N			3.5	J	20.4		42.7		< 0.60	U	33.4	
H4A4V	0.5 - 1.0 ft	H4A4V-0.5-1.0	JB61327-15R	3/7/2014	N	0.87	J										
H4A4V	2.0 - 2.5 ft	H4A4V-2.0-2.5	JB61327-16	3/7/2014	N	1.7	J										
H4A4V	2.0 - 2.5 ft	H4A4V-2.0-2.5	JB61327-16A	3/7/2014	N			19.1	J	107		203		< 2.9	U	26.1	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

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					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
H4A4V	3.0 - 3.5 ft	H4A4V-3.0-3.5	JB61327-17	3/7/2014	N	19.1	J										
H4A4V	3.0 - 3.5 ft	H4A4V-3.0-3.5	JB61327-17A	3/7/2014	N			0.91	J	579		33.1		0.71	J	29.9	
H4A4V	5.0 - 5.5 ft	H4A4V-5.0-5.5	JB61327-18	3/7/2014	N	0.23	J										
H4A4V	5.0 - 5.5 ft	H4A4V-5.0-5.5	JB61327-18A	3/7/2014	N			9.0	J	19.8		35.2		0.40	J	23.0	
H4A4V	7.0 - 7.5 ft	H4A4V-7.0-7.5	JB61327-19	3/7/2014	N	0.46	J										
H4A4V	7.0 - 7.5 ft	H4A4V-7.0-7.5	JB61327-19A	3/7/2014	N			3.8	J	121		26.7		< 0.58	U	33.1	
H4A4V	8.0 - 8.5 ft	H4A4V-8.0-8.5	JB61327-20	3/7/2014	N	0.74	J										
H4A4V	8.0 - 8.5 ft	H4A4V-8.0-8.5	JB61327-20A	3/7/2014	N			2.9	J	191		27.6		< 0.29	U	33.1	
H4A4V	10.0 - 10.5 ft	H4A4V-10.0-10.5	JB61327-21	3/7/2014	N	0.25	J										
H4A4V	10.0 - 10.5 ft	H4A4V-10.0-10.5	JB61327-21A	3/7/2014	N			**78.9**	**J**	40.7	J	39.5		< 0.59	U	21.4	J
H4A4V	12.0 - 12.5 ft	H4A4V-12.0-12.5	JB61327-22A	3/7/2014	N			1.6	J	140	J	19.7		< 0.28	U	21.2	J
H4A4V	12.0 - 12.5 ft	H4A4V-12.0-12.5	JB61327-22T	3/7/2014	N	0.37	J										
H4A4V	14.0 - 14.5 ft	H4A4V-14.0-14.5	JB61327-23	3/7/2014	N	0.47	J										
H4A4V	14.0 - 14.5 ft	H4A4V-14.0-14.5	JB61327-23A	3/7/2014	N			2.2	J	52.6	J	19.1		< 0.30	U	26.8	J
H4A4V	16.0 - 16.5 ft	H4A4V-16.0-16.5	JB61327-24	3/7/2014	N	0.19	J										
H4A4V	16.0 - 16.5 ft	H4A4V-16.0-16.5	JB61327-24A	3/7/2014	N			< 0.24	UJ	15.2	J	13.3		< 0.30	U	24.4	J
H4A5	0.6 - 1.1 ft	H4A5-0.6-1.1	JB17033-5R	9/21/2012	N	***107***											
H4A6	0.4 - 0.9 ft	H4A6-0.4-0.9	JB17033-2R	9/21/2012	N	***33.6***											
H4A7	0.4 - 0.9 ft	H4A7-0.4-0.9	JB17033-3R	9/21/2012	N	***156***											
H4A8	0.4 - 0.9 ft	H4A8-0.4-0.9	JB17033-4R	9/21/2012	N	***573***											
H4A9	0.5 - 1.0 ft	H4A9-0.5-1.0	JB61327-27A	3/7/2014	N			0.64	J	37.3	J	25.3		< 0.60	U	15.5	J
H4A9	0.5 - 1.0 ft	H4A9-0.5-1.0	JB61327-27U	3/7/2014	N	0.84	J										
H4A9	2.5 - 3.0 ft	H4A9-2.5-3.0	JB61327-28	3/7/2014	N	0.74	J										
H4A9	2.5 - 3.0 ft	H4A9-2.5-3.0	JB61327-28A	3/7/2014	N			1.2	J	21.3	J	24.4		< 0.29	U	22.2	J
H4B	0.5 - 1.0 ft	H4B-0.5	460-34629-68	12/11/2011	N	1.3	J	11.5	J	312		25.2	J	0.23		26.0	
H4B	5.0 - 5.5 ft	H4B-5.0	460-34629-69	12/11/2011	N	< 0.88	UJ	1.9	J	164		29.9	J	< 0.52	U	24.2	
H4B	7.0 - 7.5 ft	H4B-7.0	460-34629-70	12/11/2011	N	< 0.89	UJ	0.82	J	14.6		22.5	J	< 0.19	U	24.6	
H4B	10.0 - 10.5 ft	H4B-10.0	460-34629-71	12/11/2011	N	< 0.93	UJ	1.9	J	110		14.3	J	< 0.21	U	17.9	
H4B	15.0 - 15.5 ft	H4B-15.0	460-34629-72	12/11/2011	N	2.0	J	2.2	J	96.1		16.4	J	< 0.31	U	23.4	
H5	0.3 - 0.8 ft	H5-0.3-0.8	JB60643-1	2/26/2014	N	3.3	J										
H5	0.3 - 0.8 ft	H5-0.3-0.8	JB60643-1A	2/26/2014	N			5.6	J	79.8	J	24.5		< 0.39	U	30.1	J
H5	2.0 - 2.5 ft	H5-2.0-2.5	JB60643-2	2/26/2014	N	1.8	J										
H5	2.0 - 2.5 ft	H5-2.0-2.5	JB60643-2A	2/26/2014	N			< 0.60	UJ	37.2	J	24.8		< 0.75	U	38.8	J
H5	4.0 - 4.5 ft	H5-4.0-4.5	JB60643-3A	2/26/2014	N			22.4	J	503	J	43.3		< 0.83	U	34.6	J
H5	4.0 - 4.5 ft	H5-4.0-4.5	JB60643-3R	2/26/2014	N	***37.0***	***J***										
H5	6.0 - 6.5 ft	H5-6.0-6.5	JB60643-4	2/26/2014	N	< 0.11	UJ										
H5	6.0 - 6.5 ft	H5-6.0-6.5	JB60643-4A	2/26/2014	N			**37.9**	**J**	76.8	J	24.5		< 0.94	U	27.5	J
H5	8.0 - 8.5 ft	H5-8.0-8.5	JB60643-5	2/26/2014	N	0.49	J										
H5	8.0 - 8.5 ft	H5-8.0-8.5	JB60643-5A	2/26/2014	N			< 1.5	UJ	128	J	91.1		< 1.8	U	69.4	J
H5	10.0 - 10.5 ft	H5-10.0-10.5	JB60643-6	2/26/2014	N	0.52	J										
H5	10.0 - 10.5 ft	H5-10.0-10.5	JB60643-6A	2/26/2014	N			25.4	J	409	J	26.4		< 0.91	U	28.7	J
H5	12.0 - 12.5 ft	H5-12.0-12.5	JB60643-7	2/26/2014	N	< 0.093	UJ										
H5	12.0 - 12.5 ft	H5-12.0-12.5	JB60643-7A	2/26/2014	N			3.7	J	3430	J	45.2		< 0.39	U	21.1	J
H5	14.0 - 14.5 ft	H5-14.0-14.5	JB60643-8	2/26/2014	N	***33.9***	***J***										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
H5	14.0 - 14.5 ft	H5-14.0-14.5	JB60643-8A	2/26/2014	N			3.8	J	3890	J	36.5		< 0.40	U	12.3	J
H5	16.0 - 16.5 ft	H5-16.0-16.5	JB60643-9A	2/26/2014	N			3.5	J	4510	J	14.8		< 0.36	U	22.2	J
H5	16.0 - 16.5 ft	H5-16.0-16.5	JB60643-9R	2/26/2014	N	0.33	J										
H5	18.0 - 18.5 ft	H5-18.0-18.5	JB60643-10	2/26/2014	N	1.3	J										
H5	18.0 - 18.5 ft	H5-18.0-18.5	JB60643-10A	2/26/2014	N			< 0.28	UJ	246	J	12.7		< 0.34	U	29.8	J
H5	20.0 - 20.5 ft	H5-20.0-20.5	JB60643-11	2/26/2014	N	1.7	J										
H5	20.0 - 20.5 ft	H5-20.0-20.5	JB60643-11A	2/26/2014	N			< 0.48	UJ	39.8	J	25.4		< 0.59	U	44.0	J
H5A	0.5 - 1.0 ft	H5A-0.5-1.0	JB60643-14	2/26/2014	N	6.6	J										
H5A	0.5 - 1.0 ft	H5A-0.5-1.0	JB60643-14A	2/26/2014	N			< 0.25	UJ	122	J	13.6		< 0.31	U	30.0	J
H5A	0.5 - 1.0 ft	H5A-0.5-1.0X	JB60643-15	2/26/2014	FD	13.0	J										
H5A	0.5 - 1.0 ft	H5A-0.5-1.0X	JB60643-15A	2/26/2014	FD			< 0.24	UJ	126	J	14.0		0.36	J	43.1	J
H5A	2.0 - 2.5 ft	H5A-2.0-2.5	JB60643-16	2/26/2014	N	***67.2***	***J***										
H5A	2.0 - 2.5 ft	H5A-2.0-2.5	JB60643-16A	2/26/2014	N			0.60	J	1530	J	50.0		< 0.35	U	36.2	J
H5A	4.0 - 4.5 ft	H5A-4.0-4.5	JB60643-17A	2/26/2014	N			5.9	J	315	J	23.3		< 0.36	U	25.5	J
H5A	4.0 - 4.5 ft	H5A-4.0-4.5	JB60643-17R	2/26/2014	N	1.2	J										
H5A	6.0 - 6.5 ft	H5A-6.0-6.5	JB60643-18	2/26/2014	N	0.95	J										
H5A	6.0 - 6.5 ft	H5A-6.0-6.5	JB60643-18A	2/26/2014	N			13.0	J	191	J	30.6		< 0.43	U	30.2	J
H5A	8.0 - 8.5 ft	H5A-8.0-8.5	JB60643-19	2/26/2014	N	0.74	J										
H5A	8.0 - 8.5 ft	H5A-8.0-8.5	JB60643-19A	2/26/2014	N			< 1.0	UJ	86.5	J	27.7		< 1.2	U	36.2	J
H5A	10.0 - 10.5 ft	H5A-10.0-10.5	JB60643-20	2/26/2014	N	1.1	J										
H5A	10.0 - 10.5 ft	H5A-10.0-10.5	JB60643-20A	2/26/2014	N			5.9	J	28.9	J	19.8		< 0.39	U	17.8	J
H5A	12.0 - 12.5 ft	H5A-12.0-12.5	JB60643-21	2/26/2014	N	0.14	J										
H5A	12.0 - 12.5 ft	H5A-12.0-12.5	JB60643-21A	2/26/2014	N			4.4	J	35.2	J	17.8		< 0.30	U	25.0	J
H5A	14.0 - 14.5 ft	H5A-14.0-14.5	JB60643-22	2/26/2014	N	0.14	J										
H5A	14.0 - 14.5 ft	H5A-14.0-14.5	JB60643-22A	2/26/2014	N			0.62	J	11.7	J	9.3		< 0.28	UJ	16.6	J
H5A	16.0 - 16.5 ft	H5A-16.0-16.5	JB60643-23A	2/26/2014	N			18.9	J	6190	J	21.2		< 0.61	UJ	42.3	J
H5A	16.0 - 16.5 ft	H5A-16.0-16.5	JB60643-23T	2/26/2014	N	0.50	J										
H5A	18.0 - 18.5 ft	H5A-18.0-18.5	JB60643-24	2/26/2014	N	0.34	J										
H5A	18.0 - 18.5 ft	H5A-18.0-18.5	JB60643-24A	2/26/2014	N			< 0.28	UJ	28.9	J	8.3		< 0.34	U	24.1	J
H5A	20.0 - 20.5 ft	H5A-20.0-20.5	JB60643-25	2/26/2014	N	1.2	J										
H5A	20.0 - 20.5 ft	H5A-20.0-20.5	JB60643-25A	2/26/2014	N			0.35	J	26.5	J	17.8	J	< 0.30	UJ	33.0	J
H5B	0.5 - 1.0 ft	H5B-0.5-1.0	JB60643-28A	2/26/2014	N			2.4	J	274		22.4		< 0.32	UJ	29.5	J
H5B	0.5 - 1.0 ft	H5B-0.5-1.0	JB60643-28T	2/26/2014	N	17.8	J										
H5B	2.0 - 2.5 ft	H5B-2.0-2.5	JB60643-29	2/26/2014	N	12.6	J										
H5B	2.0 - 2.5 ft	H5B-2.0-2.5	JB60643-29A	2/26/2014	N			3.9	J	193		15.7		< 0.33	U	15.0	J
H5B	4.0 - 4.5 ft	H5B-4.0-4.5	JB60643-30	2/26/2014	N	2.3	J										
H5B	4.0 - 4.5 ft	H5B-4.0-4.5	JB60643-30A	2/26/2014	N			5.3	J	212		40.3		< 0.56	U	25.1	J
H5B	6.0 - 6.5 ft	H5B-6.0-6.5	JB60643-31A	2/26/2014	N			1.5	J	40.2		17.9		< 0.60	UJ	19.0	J
H5B	6.0 - 6.5 ft	H5B-6.0-6.5	JB60643-31T	2/26/2014	N	1.5	J										
H5B	8.0 - 8.5 ft	H5B-8.0-8.5	JB60643-32A	2/26/2014	N			1.6	J	18.7		13.3		< 0.28	U	14.6	J
H5B	8.0 - 8.5 ft	H5B-8.0-8.5	JB60643-32T	2/26/2014	N	0.64	J										
H5B	10.0 - 10.5 ft	H5B-10.0-10.5	JB60643-33A	2/26/2014	N			2.0	J	27.0		35.4		< 0.30	U	26.2	J
H5B	10.0 - 10.5 ft	H5B-10.0-10.5	JB60643-33T	2/26/2014	N	0.22	J										
H5B	12.0 - 12.5 ft	H5B-12.0-12.5	JB60643-34	2/26/2014	N	0.44	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
H5B	12.0 - 12.5 ft	H5B-12.0-12.5	JB60643-34A	2/26/2014	N			1.3	J	25.5		17.3		< 0.29	UJ	20.8	J
H5B	14.0 - 14.5 ft	H5B-14.0-14.5	JB60643-35A	2/26/2014	N			0.43	J	9.3		12.8		< 0.30	U	20.8	J
H5B	14.0 - 14.5 ft	H5B-14.0-14.5	JB60643-35T	2/26/2014	N	0.45	J										
H5B	16.0 - 16.5 ft	H5B-16.0-16.5	JB60643-36	2/26/2014	N	0.39	J										
H5B	16.0 - 16.5 ft	H5B-16.0-16.5	JB60643-36A	2/26/2014	N			2.6	J	82.3		14.5		< 0.29	UJ	31.7	J
H5B	18.0 - 18.5 ft	H5B-18.0-18.5	JB60643-37	2/26/2014	N	0.14	J										
H5B	18.0 - 18.5 ft	H5B-18.0-18.5	JB60643-37A	2/26/2014	N			< 0.25	UJ	16.5		12.5		< 0.30	U	26.5	J
H5B	20.0 - 20.5 ft	H5B-20.0-20.5	JB60643-38A	2/26/2014	N			0.48	J	29.5	J	26.7	J	< 0.29	UJ	39.4	J
H5B	20.0 - 20.5 ft	H5B-20.0-20.5	JB60643-38T	2/26/2014	N	0.24	J										
H6	0.4 - 0.9 ft	H6-0.4-0.9	JB60951-1A	3/1/2014	N			10.5	J	229	J	25.6		< 0.51	U	27.4	
H6	0.4 - 0.9 ft	H6-0.4-0.9	JB60951-1R	3/1/2014	N	17.6	J										
H6	2.0 - 2.5 ft	H6-2.0-2.5	JB60951-2A	3/1/2014	N			1.6	J	38.8	J	13.9		< 0.34	U	21.6	
H6	2.0 - 2.5 ft	H6-2.0-2.5	JB60951-2R	3/1/2014	N	2.5	J										
H6	4.0 - 4.5 ft	H6-4.0-4.5	JB60951-3A	3/1/2014	N			0.54	J	17.3	J	10.5		< 0.32	U	24.6	
H6	4.0 - 4.5 ft	H6-4.0-4.5	JB60951-3R	3/1/2014	N	1.5	J										
H6	4.0 - 4.5 ft	H6-4.0-4.5X	JB60951-4A	3/1/2014	FD			0.30	J	14.0	J	7.7		< 0.33	U	18.0	
H6	4.0 - 4.5 ft	H6-4.0-4.5X	JB60951-4R	3/1/2014	FD	1.2	J										
H6	6.0 - 6.5 ft	H6-6.0-6.5	JB60951-5A	3/1/2014	N			< 0.25	UJ	15.2	J	9.1		< 0.31	U	25.8	
H6	6.0 - 6.5 ft	H6-6.0-6.5	JB60951-5R	3/1/2014	N	0.76	J										
H6	8.0 - 8.5 ft	H6-8.0-8.5	JB60951-6A	3/1/2014	N			< 0.26	UJ	14.5	J	9.2		< 0.33	U	22.2	
H6	8.0 - 8.5 ft	H6-8.0-8.5	JB60951-6R	3/1/2014	N	0.77	J										
H6	10.0 - 10.5 ft	H6-10.0-10.5	JB60951-7	3/1/2014	N	0.37	J										
H6	10.0 - 10.5 ft	H6-10.0-10.5	JB60951-7A	3/1/2014	N			0.55	J	20.1	J	14.4		< 0.36	U	26.8	
H6A	0.4 - 0.9 ft	H6A-0.4-0.9	JB60951-10A	3/1/2014	N			3.2	J	254	J	21.3	J	< 0.39	U	32.0	
H6A	0.4 - 0.9 ft	H6A-0.4-0.9	JB60951-10R	3/1/2014	N	***49.4***	***J***										
H6A	2.0 - 2.5 ft	H6A-2.0-2.5	JB60951-11	3/1/2014	N	1.8	J										
H6A	2.0 - 2.5 ft	H6A-2.0-2.5	JB60951-11A	3/1/2014	N			**64.8**	**J**	29.2	J	28.7	J	5.9	J	32.8	
H6A	4.0 - 4.5 ft	H6A-4.0-4.5	JB60951-12A	3/1/2014	N			2.3	J	590	J	23.4	J	< 3.1	U	118	
H6A	4.0 - 4.5 ft	H6A-4.0-4.5	JB60951-12R	3/1/2014	N	***26.8***	***J***										
H6A	6.0 - 6.5 ft	H6A-6.0-6.5	JB60951-13A	3/1/2014	N			< 0.26	UJ	336	J	6.4	J	0.59	J	13.4	
H6A	6.0 - 6.5 ft	H6A-6.0-6.5	JB60951-13R	3/1/2014	N	10.6	J										
H6A	8.0 - 8.5 ft	H6A-8.0-8.5	JB60951-14A	3/1/2014	N			0.68	J	38.5	J	13.0	J	1.1	J	30.7	
H6A	8.0 - 8.5 ft	H6A-8.0-8.5	JB60951-14R	3/1/2014	N	1.4	J										
H6A	10.0 - 10.5 ft	H6A-10.0-10.5	JB60951-15A	3/1/2014	N			0.72	J	22.2	J	17.6	J	1.3	J	30.5	
H6A	10.0 - 10.5 ft	H6A-10.0-10.5	JB60951-15R	3/1/2014	N	0.29	J										
H6A	12.0 - 12.5 ft	H6A-12.0-12.5	JB60951-16	3/1/2014	N	0.15	J										
H6A	12.0 - 12.5 ft	H6A-12.0-12.5	JB60951-16A	3/1/2014	N			0.74	J	17.6	J	13.5	J	1.2	J	22.0	
H6A	14.0 - 14.5 ft	H6A-14.0-14.5	JB60951-17A	3/1/2014	N			1.2	J	14.7	J	24.7	J	0.66	J	23.1	
H6A	14.0 - 14.5 ft	H6A-14.0-14.5	JB60951-17R	3/1/2014	N	0.25	J										
H6A	16.0 - 16.5 ft	H6A-16.0-16.5	JB60951-18A	3/1/2014	N			0.76	J	18.7	J	11.6	J	0.69	J	17.6	
H6A	16.0 - 16.5 ft	H6A-16.0-16.5	JB60951-18R	3/1/2014	N	0.15	J										
H6A	18.0 - 18.5 ft	H6A-18.0-18.5	JB60951-19A	3/1/2014	N			< 0.61	UJ	24.6	J	14.1	J	< 0.76	UJ	33.9	J
H6A	18.0 - 18.5 ft	H6A-18.0-18.5	JB60951-19R	3/1/2014	N	1.4	J										
H6B	0.4 - 0.9 ft	H6B-0.4-0.9	JB60951-22A	3/1/2014	N			9.7	J	75.9	J	35.2	J	5.2	J	33.4	J

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
H6B	0.4 - 0.9 ft	H6B-0.4-0.9	JB60951-22R	3/1/2014	N	3.8	J										
H6B	2.0 - 2.5 ft	H6B-2.0-2.5	JB60951-23	3/1/2014	N	2.2	J										
H6B	2.0 - 2.5 ft	H6B-2.0-2.5	JB60951-23A	3/1/2014	N			14.0	J	45.1	J	64.2	J	2.1	J	29.2	
H6B	2.0 - 2.5 ft	H6B-2.0-2.5X	JB60951-24	3/1/2014	FD	5.3	J										
H6B	2.0 - 2.5 ft	H6B-2.0-2.5X	JB60951-24A	3/1/2014	FD			5.4	J	51.7	J	103	J	2.9	J	35.5	
H6B	4.0 - 4.5 ft	H6B-4.0-4.5	JB60951-25A	3/1/2014	N			11.6	J	39.0	J	54.5	J	1.4	J	23.7	
H6B	4.0 - 4.5 ft	H6B-4.0-4.5	JB60951-25R	3/1/2014	N	1.8	J										
H6B	6.0 - 6.5 ft	H6B-6.0-6.5	JB60951-26A	3/1/2014	N			< 0.26	UJ	12.6	J	8.6	J	0.74	J	18.7	
H6B	6.0 - 6.5 ft	H6B-6.0-6.5	JB60951-26R	3/1/2014	N	0.63	J										
H6B	8.0 - 8.5 ft	H6B-8.0-8.5	JB60951-27A	3/1/2014	N			< 0.29	UJ	31.0	J	17.5	J	0.45	J	29.8	
H6B	8.0 - 8.5 ft	H6B-8.0-8.5	JB60951-27R	3/1/2014	N	2.4	J										
H6B	10.0 - 10.5 ft	H6B-10.0-10.5	JB60951-28A	3/1/2014	N			< 0.29	UJ	17.4	J	10.7	J	0.71	J	26.1	
H6B	10.0 - 10.5 ft	H6B-10.0-10.5	JB60951-28R	3/1/2014	N	0.71	J										
H6B	12.0 - 12.5 ft	H6B-12.0-12.5	JB60951-29A	3/1/2014	N			1.9	J	25.0	J	16.9	J	< 0.44	U	19.6	
H6B	12.0 - 12.5 ft	H6B-12.0-12.5	JB60951-29R	3/1/2014	N	0.15	J										
H6B	14.0 - 14.5 ft	H6B-14.0-14.5	JB60951-30A	3/1/2014	N			1.6	J	19.6	J	16.9	J	< 0.30	U	17.7	
H6B	14.0 - 14.5 ft	H6B-14.0-14.5	JB60951-30R	3/1/2014	N	0.15	J										
H6B	16.0 - 16.5 ft	H6B-16.0-16.5	JB60951-31A	3/1/2014	N			0.84	J	21.5	J	25.7	J	< 0.30	U	16.7	
H6B	16.0 - 16.5 ft	H6B-16.0-16.5	JB60951-31R	3/1/2014	N	0.14	J										
H6B	18.0 - 18.5 ft	H6B-18.0-18.5	JB60951-32	3/1/2014	N	0.47	J										
H6B	18.0 - 18.5 ft	H6B-18.0-18.5	JB60951-32A	3/1/2014	N			< 0.24	UJ	23.2	J	14.2	J	< 0.30	UJ	25.8	J
HAL-AOC3	0.5 - 1.0 ft	HAL-AOC3-0.5-1.0	JB60738-2	2/27/2014	N	8.8	J										
HAL-AOC3	0.5 - 1.0 ft	HAL-AOC3-0.5-1.0	JB60738-2A	2/27/2014	N			4.2		337		31.4		< 0.35	U	30.1	
HB	0.3 - 0.8 ft	HB 0.3-0.8	713071	3/17/2004	N	***1010***											
HB	2.0 - 2.5 ft	HB 2-2.5	713073	3/17/2004	N	***373***											
HC	0.5 - 1.0 ft	HC 0.5-1.0	713076	3/17/2004	N	***187***											
HC	1.8 - 2.3 ft	HC 1.8-2.3	713077	3/17/2004	N	< 5.15	U										
HC	1.8 - 2.3 ft	HC 1.8-2.3	727932	3/17/2004	N			7.7	BJ			28.5		< 0.23	U	21	J
HC	1.8 - 2.3 ft	HC 1.8-2.3D	727936	3/17/2004	FD			7.6	BJ			18.6		< 0.22	U	17.9	J
HC	4.0 - 4.5 ft	HC 4-4.5	713080	3/17/2004	N	***24.6***											
HC	6.0 - 6.5 ft	HC 6-6.5	713081	3/17/2004	N	< 5.63	U										
HC	6.0 - 6.5 ft	HC 6-6.5	727933	3/17/2004	N			8	BJ			14.9		< 0.24	U	17.8	
HC	8.0 - 8.5 ft	HC 8-8.5	713082	3/17/2004	N	6.51											
HE	0.8 - 1.3 ft	HE .75-1.25	713088	3/17/2004	N	< 4.58	U										
HE	2.5 - 3.0 ft	HE 2.5-3	713089	3/17/2004	N	< 4.43	U										
HE	4.0 - 4.5 ft	HE 4-4.5	713090	3/17/2004	N	< 4.87	U										
HE	5.0 - 5.5 ft	HE 5-5.5	713091	3/17/2004	N	< 5.03	U										
HH	0.3 - 0.8 ft	HH 0.3-0.8	713099	3/17/2004	N	12.9											
HH	0.3 - 0.8 ft	HH 0.3-0.8	727937	3/17/2004	N			5.7	BJ			70.7		0.22		71	
HH	2.0 - 2.5 ft	HH 2-2.5	713100	3/17/2004	N	7.26											
HH	2.0 - 2.5 ft	HH 2-2.5	727938	3/17/2004	N			2.9	BJ			26.1		0.27		28.8	
HH	4.0 - 4.5 ft	HH 4-4.5	713085	3/17/2004	N	< 5.02	U										
HH	6.0 - 6.5 ft	HH 6-6.5	713086	3/17/2004	N	< 4.64	U										
HH	6.0 - 6.5 ft	HH 6-6.5	727939	3/17/2004	N									< 0.2	U	27.7	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
HH	8.0 - 8.5 ft	HH 8-8.5	713087	3/17/2004	N	< 4.78	U										
HH	10.5 - 11.0 ft	HH 10.5-11.0	727940	3/17/2004	N									< 0.23	U	22	
HI	0.3 - 0.8 ft	HI 0.3-0.8	713240	3/18/2004	N	< 4.3	UJ										
HI	2.0 - 2.5 ft	HI 2-2.5	713241	3/18/2004	N	< 4.44	UJ										
HI	4.0 - 4.5 ft	HI 4-4.5	713242	3/18/2004	N	***30.1***	***J***										
HI	5.0 - 5.5 ft	HI 5-5.5	713243	3/18/2004	N	11.6	J										
HI	7.0 - 7.5 ft	HI 7-7.5	713244	3/18/2004	N	< 5.03	UJ										
HI	9.0 - 9.5 ft	HI 9-9.5	713245	3/18/2004	N	***92.2***	***J***										
HI	10.1 - 10.5 ft	HI 10.1-10.5	713246	3/18/2004	N	***43.6***	***J***										
HI	14.0 - 14.5 ft	HI 14-14.5	713247	3/18/2004	N	< 4.7	UJ										
HI	14.7 - 15.2 ft	HI 14.7-15.2	713248	3/18/2004	N	< 10	UJ										
HI	17.0 - 17.5 ft	HI 17-17.5	713249	3/18/2004	N	< 4.77	UJ										
HK	1.3 - 1.8 ft	HK 1.25-1.75	713250	3/18/2004	N	< 4.32	UJ										
HK	1.3 - 1.8 ft	HK1.25-1.75D	713251	3/18/2004	FD	< 4.35	UJ										
HK	3.0 - 3.5 ft	HK 3-3.5	713252	3/18/2004	N	< 4.58	UJ										
HK	5.0 - 5.5 ft	HK 5-5.5	713253	3/18/2004	N	***45.1***	***J***										
HK	7.0 - 7.3 ft	HK 7-7.3	713254	3/18/2004	N	< 5.56	UJ										
HK	9.0 - 9.5 ft	HK 9-9.5	713255	3/18/2004	N	***36.7***	***J***										
HK	13.0 - 13.5 ft	HK 13-13.5	713256	3/18/2004	N	< 4.73	UJ										
HK	17.0 - 17.5 ft	HK 17-17.5	713257	3/18/2004	N	< 6.69	UJ										
HL	1.1 - 1.6 ft	HL 1.1-1.6	713259	3/18/2004	N	< 4.41	UJ										
HM	1.0 - 1.5 ft	HM 1.0-1.5	713258	3/18/2004	N	< 4.73	UJ										
HN	1.0 - 1.5 ft	HN 1.0-1.5	713260	3/18/2004	N	< 4.61	UJ										
HN	3.0 - 3.5 ft	HN 3.0-3.5	713261	3/18/2004	N	< 4.77	UJ										
HN	5.0 - 5.5 ft	HN 5.0-5.5	713262	3/18/2004	N	< 4.94	UJ										
HN	7.0 - 7.5 ft	HN 7.0-7.5	713264	3/18/2004	N	< 5.34	UJ										
HSD-PDI-DD15A	1.6 - 2.1 ft	HSD-PDI-DD15A-1.6-2.1	JC21080-43T	5/26/2016	N	3.9	J										
HSD-PDI-DD15A	3.5 - 4.0 ft	HSD-PDI-DD15A-3.5-4.0	JC21080-48T	5/26/2016	N	1.3	J										
HSD-PDI-DD15A	5.5 - 6.0 ft	HSD-PDI-DD15A-5.5-6.0	JC21080-49T	5/26/2016	N	2.0	J										
HSD-PDI-DD15A	7.5 - 8.0 ft	HSD-PDI-DD15A-7.5-8.0	JC21080-50T	5/26/2016	N	9.0	J										
HSD-PDI-DD15A	9.5 - 10.0 ft	HSD-PDI-DD15A-9.5-10.0	JC21080-51T	5/26/2016	N	0.27	J										
HSD-PDI-DD15A	11.5 - 12.0 ft	HSD-PDI-DD15A-11.5-12.0	JC21080-44T	5/26/2016	N	5.2	J										
HSD-PDI-DD15A	13.5 - 14.0 ft	HSD-PDI-DD15A-13.5-14.0	JC21080-45T	5/26/2016	N	0.66	J										
HSD-PDI-DD15A	15.5 - 16.0 ft	HSD-PDI-DD15A-15.5-16.0	JC21080-46	5/26/2016	N	0.44	J										
HSD-PDI-DD15A	16.0 - 16.5 ft	HSD-PDI-DD15A-16.0-16.5	JC21080-47T	5/26/2016	N	2.5	J										
HSD-PDI-EE17A	0.5 - 1.0 ft	HSD-PDI-EE17A-0.5-1.0	JC21403-28	6/2/2016	N	0.89											
HSD-PDI-EE17A	2.0 - 2.5 ft	HSD-PDI-EE17A-2.0-2.5	JC21403-32	6/2/2016	N	10.4											
HSD-PDI-EE17A	4.0 - 4.5 ft	HSD-PDI-EE17A-4.0-4.5	JC21403-33	6/2/2016	N	< 0.43	U										
HSD-PDI-EE17A	6.0 - 6.5 ft	HSD-PDI-EE17A-6.0-6.5	JC21403-34	6/2/2016	N	< 0.53	U										
HSD-PDI-EE17A	6.0 - 6.5 ft	HSD-PDI-EE17A-6.0-6.5X	JC21403-35	6/2/2016	FD	1.1											
HSD-PDI-EE17A	8.0 - 8.5 ft	HSD-PDI-EE17A-8.0-8.5	JC21403-36	6/2/2016	N	0.43	J										
HSD-PDI-EE17A	10.0 - 10.5 ft	HSD-PDI-EE17A-10.0-10.5	JC21403-29	6/2/2016	N	< 0.39	U										
HSD-PDI-EE17A	11.5 - 12.0 ft	HSD-PDI-EE17A-11.5-12.0	JC21403-30	6/2/2016	N	< 0.44	U										
HSD-PDI-EE17A	12.0 - 12.5 ft	HSD-PDI-EE17A-12.0-12.5	JC21403-31	6/2/2016	N	1.8	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
HSD-PDI-GG5A	0.5 - 1.0 ft	HSD-PDI-GG5A-0.5-1.0	JC20529-13A	5/18/2016	N			0.78	J	70.2		19.1		< 0.46	U	21.0	
HSD-PDI-GG5A	2.0 - 2.5 ft	HSD-PDI-GG5A-2.0-2.5	JC20529-19A	5/18/2016	N			< 0.30	U	21.3		9.1		< 0.83	U	33.5	
HSD-PDI-GG5A	4.0 - 4.5 ft	HSD-PDI-GG5A-4.0-4.5	JC20529-20A	5/18/2016	N			2.9		69.8		12.9		< 0.46	U	16.3	
HSD-PDI-GG5A	6.0 - 6.5 ft	HSD-PDI-GG5A-6.0-6.5	JC20529-21A	5/18/2016	N			12.5		65.8		25.7		< 1.0	U	28.6	
HSD-PDI-GG5A	8.0 - 8.5 ft	HSD-PDI-GG5A-8.0-8.5	JC20529-22A	5/18/2016	N			5.5		57.1		29.6		< 2.9	U	42.6	
HSD-PDI-GG5A	10.0 - 10.5 ft	HSD-PDI-GG5A-10.0-10.5	JC20529-14A	5/18/2016	N			7.1		20.2		19.7		< 0.59	U	30.5	
HSD-PDI-GG5A	12.0 - 12.5 ft	HSD-PDI-GG5A-12.0-12.5	JC20529-15A	5/18/2016	N			5.6		12.0		18.4		< 0.56	U	12.1	
HSD-PDI-GG5A	14.0 - 14.5 ft	HSD-PDI-GG5A-14.0-14.5	JC20529-16A	5/18/2016	N			5.1		29.3		35.1		< 4.7	U	16.9	
HSD-PDI-GG5A	15.5 - 16.0 ft	HSD-PDI-GG5A-15.5-16.0	JC20529-17A	5/18/2016	N			< 0.39	U	16.9		15.5		< 0.54	U	24.8	
HSD-PDI-GG5A	16.0 - 16.5 ft	HSD-PDI-GG5A-16.0-16.5	JC20529-18A	5/18/2016	N			< 0.52	U	28.2		21.6		< 0.72	U	36.0	
HTP1	0.3 - 0.8 ft	HTP1-0.3-0.8	JB60434-3	2/22/2014	N	***368***	***J***										
HTP1	0.3 - 0.8 ft	HTP1-0.3-0.8	JB60434-3A	2/22/2014	N			9.1		5820		154		0.78	J	103	
HTP1	2.0 - 2.5 ft	HTP1-2.0-2.5	JB60434-4	2/22/2014	N	1.7	J										
HTP1	2.0 - 2.5 ft	HTP1-2.0-2.5	JB60434-4A	2/22/2014	N			2.2	J	70.4		29.6		< 0.29	U	28.8	
HTP2	0.5 - 1.0 ft	HTP2-0.5-1.0	JB61457-2A	3/8/2014	N			2.1	J	1820		68.5		< 0.39	U	63.6	
HTP2	0.5 - 1.0 ft	HTP2-0.5-1.0	JB61457-2R	3/8/2014	N	***134***	***J***										
HTP2	2.0 - 2.5 ft	HTP2-2.0-2.5	JB61457-3A	3/8/2014	N			5.0	J	45.8		56.1		10.5	J	61.4	J
HTP2	2.0 - 2.5 ft	HTP2-2.0-2.5	JB61457-3R	3/8/2014	N	0.62	J										
ICO-01	0.5 - 1.0 ft	ICO-B001-0.5-1.0	JB15012-13	8/29/2012	N	1.9											
ICO-01	2.0 - 2.5 ft	ICO-B001-2.0-2.5	JB15012-12	8/29/2012	N	1.1											
ICO-01	4.0 - 4.5 ft	ICO-B001-4.0-4.5	JB15012-10	8/29/2012	N	1.4											
ICO-01	6.0 - 6.5 ft	ICO-B001-6.0-6.5	JB15012-9	8/29/2012	N	4.6	J										
ICO-01	8.0 - 8.5 ft	ICO-B001-8.0-8.5	JB15012-8	8/29/2012	N	1.7	J										
ICO-01	10.0 - 10.5 ft	ICO-B001-10.0-10.5	JB15012-7	8/29/2012	N	0.98											
ICO-01	11.6 - 12.1 ft	ICO-B001-11.6-12.1	JB15012-6	8/29/2012	N	0.29	J										
ICO-02	0.5 - 1.0 ft	ICO-B002-0.5-1.0	JB15012-19	8/29/2012	N	1.5											
ICO-02	2.0 - 2.5 ft	ICO-B002-2.0-2.5	JB15012-21	8/29/2012	N	0.40	J										
ICO-02	4.0 - 4.5 ft	ICO-B002-4.0-4.5	JB15012-18	8/29/2012	N	0.24	J										
ICO-02	4.0 - 4.5 ft	ICO-B002-4.0-4.5X	JB15012-17	8/29/2012	FD	0.14	J										
ICO-02	6.0 - 6.5 ft	ICO-B002-6.0-6.5	JB15012-16	8/29/2012	N	0.98											
ICO-02	8.0 - 8.5 ft	ICO-B002-8.0-8.5	JB15012-15	8/29/2012	N	0.65											
ICO-02	10.0 - 10.5 ft	ICO-B002-10.0-10.5	JB15012-14	8/29/2012	N	0.34	J										
ICO-03A	0.5 - 1.0 ft	ICO-B003-0.5-1.0	JB15012-5	8/29/2012	N	3.5											
ICO-03A	2.0 - 2.5 ft	ICO-B003-2.0-2.5	JB15012-4	8/29/2012	N	0.53											
ICO-03A	4.0 - 4.5 ft	ICO-B003-4.0-4.5	JB15012-3	8/29/2012	N	0.35	J										
ICO-03A	6.0 - 6.5 ft	ICO-B003-6.0-6.5	JB15012-2	8/29/2012	N	0.19	J										
ICO-03A	7.6 - 8.1 ft	ICO-B003-7.6-8.1	JB15012-1	8/29/2012	N	0.20	J										
ICO-03A	10.0 - 10.5 ft	ICO-B003-10.0-10.5	JB15012-22	8/29/2012	N	0.66											
ICO-04	0.8 - 1.3 ft	ICO-4-0.8	460-29712-9	8/8/2011	N	1.5	J										
ICO-04	2.0 - 2.5 ft	ICO-4-2.0	460-29712-10	8/8/2011	N	< 0.56	U										
ICO-04	4.0 - 4.5 ft	ICO-4-4.0	460-29712-11	8/8/2011	N	< 0.58	U										
ICO-04	6.0 - 6.5 ft	ICO-4-6.0	460-29754-1	8/9/2011	N	< 0.56	U										
ICO-04	10.0 - 10.5 ft	ICO-4-10.0	460-29754-2	8/9/2011	N	0.64	J										
ICO-04	12.0 - 12.5 ft	ICO-4-12.0	460-29754-3	8/9/2011	N	< 0.63	U										

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Garfield Avenue Group
PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ICO-04	15.0 - 15.5 ft	ICO-4-15.0	460-29754-4	8/9/2011	N	< 0.63	U										
ICO-04	16.0 - 16.5 ft	ICO-4-16.0	460-29754-5	8/9/2011	N	< 0.61	U										
ICO-04	18.0 - 18.5 ft	ICO-4-18.0	460-29754-6	8/9/2011	N	< 0.59	U										
ICO-04	20.0 - 20.5 ft	ICO-4-20.0	460-29754-7	8/9/2011	N	< 0.54	U										
ICO-04	20.0 - 20.5 ft	ICO-4-20.0X	460-29754-8	8/9/2011	FD	< 0.56	U										
ICO-05	0.8 - 1.3 ft	ICO-5-0.8	460-29754-16	8/9/2011	N	< 0.51	U										
ICO-05	2.0 - 2.5 ft	ICO-5-2.0	460-29754-17	8/9/2011	N	< 0.54	U										
ICO-05	4.0 - 4.5 ft	ICO-5-4.0	460-29754-18	8/9/2011	N	< 0.55	U										
ICO-05	6.5 - 7.0 ft	ICO-5-6.5	460-29797-1	8/10/2011	N	< 0.56	U										
ICO-06	0.8 - 1.3 ft	ICO-6-0.8	460-29754-9	8/9/2011	N	< 0.50	U										
ICO-06	2.0 - 2.5 ft	ICO-6-2.0	460-29754-10	8/9/2011	N	< 0.57	U										
ICO-06	4.0 - 4.5 ft	ICO-6-4.0	460-29754-11	8/9/2011	N	< 0.57	U										
ICO-06	6.0 - 6.5 ft	ICO-6-6.0	460-29754-12	8/9/2011	N	< 0.59	U										
ICO-06	7.5 - 8.0 ft	ICO-6-7.5	460-29754-13	8/9/2011	N	< 0.56	U										
ICO-07	0.5 - 1.0 ft	ICO-7-0.5	460-26472-2	5/13/2011	N	***35.5***	***J***										
ICO-07	2.0 - 2.5 ft	ICO-7-2.0	460-26472-3	5/13/2011	N	1.8	J										
ICO-07	4.0 - 4.5 ft	ICO-7-4.0	460-26472-4	5/13/2011	N	< 0.61	UJ										
ICO-07	6.0 - 6.5 ft	ICO-7-6.0	460-26472-5	5/13/2011	N	< 0.62	UJ										
ICO-07	10.0 - 10.5 ft	ICO-7-10.0	460-26472-6	5/13/2011	N	< 0.66	UJ										
ICO-07	12.0 - 12.5 ft	ICO-7-12.0	460-26472-7	5/13/2011	N	< 0.68	UJ										
ICO-07	15.0 - 15.5 ft	ICO-7-15.0	460-26472-8	5/13/2011	N	< 0.60	UJ										
ICO-08	0.5 - 1.0 ft	ICO-8-0.5	460-26395-1	5/12/2011	N	9.2	J										
ICO-08	2.0 - 2.5 ft	ICO-8-2.0	460-26395-2	5/12/2011	N	1.4	J										
ICO-08	4.0 - 4.5 ft	ICO-8-4.0	460-26395-3	5/12/2011	N	< 0.58	UJ										
ICO-08	6.0 - 6.5 ft	ICO-8-6.0	460-26395-8	5/12/2011	N	< 0.67	UJ										
ICO-08	10.0 - 10.5 ft	ICO-8-10.0	460-26395-9	5/12/2011	N	< 0.72	UJ										
ICO-08	15.0 - 15.5 ft	ICO-8-15.0	460-26395-10	5/12/2011	N	< 0.66	UJ										
ICO-08	16.0 - 16.5 ft	ICO-8-16.0	460-26395-11	5/12/2011	N	14.9	J										
ICO-09	0.5 - 1.0 ft	ICO-9-0.5	460-26348-10	5/11/2011	N	< 0.58	UJ										
ICO-09	2.0 - 2.5 ft	ICO-9-2.0	460-26348-11	5/11/2011	N	< 0.58	UJ										
ICO-09	4.0 - 4.5 ft	ICO-9-4.0	460-26348-12	5/11/2011	N	< 0.60	UJ										
ICO-09	6.0 - 6.5 ft	ICO-9-6.0	460-26395-4	5/12/2011	N	< 0.57	UJ										
ICO-09	10.0 - 10.5 ft	ICO-9-10.0	460-26395-5	5/12/2011	N	0.63	J										
ICO-09	15.0 - 15.5 ft	ICO-9-15.0	460-26395-6	5/12/2011	N	< 0.58	UJ										
ICO-09	16.0 - 16.5 ft	ICO-9-16.0	460-26395-7	5/12/2011	N	< 0.58	UJ										
ICO-10	0.5 - 1.0 ft	ICO-10-0.5	460-26348-6	5/11/2011	N	< 0.58	UJ										
ICO-10	2.0 - 2.5 ft	ICO-10-2.0	460-26348-7	5/11/2011	N	< 0.59	UJ										
ICO-10	4.0 - 4.5 ft	ICO-10-4.0	460-26348-8	5/11/2011	N	< 0.56	UJ										
ICO-10	4.0 - 4.5 ft	ICO-10-4.0X	460-26348-9	5/11/2011	FD	< 0.55	UJ										
ICO-10	6.0 - 6.5 ft	ICO-10-6.0	460-26348-1	5/11/2011	N	< 0.58	UJ										
ICO-10	10.0 - 10.5 ft	ICO-10-10.0	460-26348-2	5/11/2011	N	< 0.60	UJ										
ICO-10	15.0 - 15.5 ft	ICO-10-15.0	460-26348-3	5/11/2011	N	3.5	J										
ICO-10	16.0 - 16.5 ft	ICO-10-16.0	460-26348-4	5/11/2011	N	< 0.64	UJ										
ICO-10	20.0 - 20.5 ft	ICO-10-20.0	460-26348-5	5/11/2011	N	< 0.60	UJ										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ICO-11	1.0 - 1.5 ft	ICO-B011-1.0	JB3648-30	4/6/2012	N			< 0.17	UJ	17.2		11.2		< 0.24	U	25.5	J
ICO-11	1.0 - 1.5 ft	ICO-B011-1.0	JB3648-30R	4/6/2012	N	< 0.22	UJ										
ICO-11	3.0 - 3.5 ft	ICO-B011-3.0	JB3648-31	4/6/2012	N			< 0.18	UJ	15.9		11.6		< 0.25	U	22.1	J
ICO-11	3.0 - 3.5 ft	ICO-B011-3.0	JB3648-31R	4/6/2012	N	< 0.22	UJ										
ICO-11	5.0 - 5.5 ft	ICO-B011-5.0	JB3648-32	4/6/2012	N			< 0.21	UJ	12.2		19.1		< 0.29	U	26.5	J
ICO-11	5.0 - 5.5 ft	ICO-B011-5.0	JB3648-32R	4/6/2012	N	< 0.27	UJ										
ICO-11	7.0 - 7.5 ft	ICO-B011-7.0	JB3648-33	4/6/2012	N			0.27	J	9.9		10.2		0.70	J	18.7	J
ICO-11	7.0 - 7.5 ft	ICO-B011-7.0	JB3648-33R	4/6/2012	N	< 0.28	UJ										
ICO-11	10.0 - 10.5 ft	ICO-B011-10.0	JB3648-34	4/6/2012	N			< 0.18	UJ	14.1		9.6		< 0.26	U	19.8	J
ICO-11	10.0 - 10.5 ft	ICO-B011-10.0	JB3648-34R	4/6/2012	N	< 0.24	UJ										
ICO-14	0.5 - 1.0 ft	ICO-14-0.5	460-27297-13	6/6/2011	N	2.8	J										
ICO-14	2.0 - 2.5 ft	ICO-14-2.0	460-27297-11	6/6/2011	N	< 0.58	UJ										
ICO-14	2.0 - 2.5 ft	ICO-14-2.0X	460-27297-12	6/6/2011	FD	< 0.59	UJ										
ICO-14	4.0 - 4.5 ft	ICO-14-4.0	460-27297-14	6/6/2011	N	< 0.54	UJ										
ICO-14	6.0 - 6.5 ft	ICO-14-6.0	460-27297-2	6/6/2011	N	< 0.79	UJ										
ICO-14	10.0 - 10.5 ft	ICO-14-10.0	460-27297-1	6/6/2011	N	< 0.64	UJ										
ICO-14	12.0 - 12.5 ft	ICO-14-12.0	460-27297-4	6/6/2011	N	< 0.64	UJ										
ICO-14	16.0 - 16.5 ft	ICO-14-16.0	460-27297-3	6/6/2011	N	< 0.68	UJ										
ICO-14	18.5 - 19.0 ft	ICO-14-18.5	460-27297-5	6/6/2011	N	< 0.60	UJ										
ICO-17	0.8 - 1.3 ft	ICO-17-0.8	460-29754-19	8/9/2011	N	1.1	J										
ICO-17	2.0 - 2.5 ft	ICO-17-2.0	460-29754-20	8/9/2011	N	< 0.55	U										
ICO-17	4.0 - 4.5 ft	ICO-17-4.0	460-29754-21	8/9/2011	N	< 0.58	U										
ICO-17	6.0 - 6.5 ft	ICO-17-6.0	460-29797-2	8/10/2011	N	< 0.57	U										
ICO-17	10.0 - 10.5 ft	ICO-17-10.0	460-29797-3	8/10/2011	N	< 0.60	U										
ICO-17	12.0 - 12.5 ft	ICO-17-12.0	460-29797-4	8/10/2011	N	< 0.65	U										
ICO-17	15.0 - 15.5 ft	ICO-17-15.0	460-29797-5	8/10/2011	N	< 0.62	U										
ICO-18	1.0 - 1.5 ft	ICO-B018-1.0	JB3648-35	4/6/2012	N			3.2	J	111		22.3		0.67	J	22.3	J
ICO-18	1.0 - 1.5 ft	ICO-B018-1.0	JB3648-35R	4/6/2012	N	< 0.24	RA										
ICO-18	3.0 - 3.5 ft	ICO-B018-3.0	JB3648-36	4/6/2012	N			1.5	J	94.3		14.0		0.58	J	16.6	J
ICO-18	3.0 - 3.5 ft	ICO-B018-3.0	JB3648-36R	4/6/2012	N	< 0.26	RA										
ICO-18	5.0 - 5.5 ft	ICO-B018-5.0	JB3648-37	4/6/2012	N			3.7	J	34.2		18.0		< 0.29	U	20.9	J
ICO-18	5.0 - 5.5 ft	ICO-B018-5.0	JB3648-37R	4/6/2012	N	0.56	RA										
ICO-18	7.0 - 7.5 ft	ICO-B018-7.0	JB3648-38	4/6/2012	N			2.2	J	252		26.7		1.2	J	22.4	J
ICO-18	7.0 - 7.5 ft	ICO-B018-7.0	JB3648-38R	4/6/2012	N	0.99	RA										
ICO-18	10.0 - 10.5 ft	ICO-B018-10.0	JB3648-39	4/6/2012	N			< 0.24	UJ	25.0		58.4		1.0	J	21.9	J
ICO-18	10.0 - 10.5 ft	ICO-B018-10.0	JB3648-39R	4/6/2012	N	< 0.30	RA										
ICO-19	0.5 - 1.0 ft	ICO-19-0.5	460-27347-2	6/7/2011	N	< 0.52	UJ										
ICO-19	2.0 - 2.5 ft	ICO-19-2.0	460-27347-3	6/7/2011	N	< 0.56	UJ										
ICO-19	4.0 - 4.5 ft	ICO-19-4.0	460-27347-4	6/7/2011	N	12.8	J										
ICO-19	6.5 - 7.0 ft	ICO-19-6.5	460-27347-11	6/7/2011	N	1.6	J										
ICO-19	8.0 - 8.5 ft	ICO-19-8.0	460-27347-9	6/7/2011	N	6.3	J										
ICO-19	10.0 - 10.5 ft	ICO-19-10.0	460-27347-12	6/7/2011	N	5.2	J										
ICO-19	16.0 - 16.5 ft	ICO-19-16.0	460-27347-13	6/7/2011	N	< 0.57	UJ										
ICO-19	17.5 - 18.0 ft	ICO-19-17.5	460-27347-15	6/7/2011	N	< 1.5	UJ										

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Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ICO-21	0.5 - 1.0 ft	ICO-B21-0.5	460-27221-1	6/3/2011	N	1.4	J										
ICO-21	2.0 - 2.5 ft	ICO-B21-2.0	460-27221-2	6/3/2011	N	2.8											
ICO-21	4.0 - 4.5 ft	ICO-B21-4.0	460-27221-3	6/3/2011	N	< 0.57	U										
ICO-21	6.0 - 6.5 ft	ICO-21-6.0	460-27221-8	6/3/2011	N	< 0.68	U										
ICO-21	8.0 - 8.5 ft	ICO-21-8.0	460-27221-9	6/3/2011	N	***68.3***											
ICO-21	10.0 - 10.5 ft	ICO-21-10.0	460-27221-10	6/3/2011	N	***23.5***											
ICO-21	12.0 - 12.5 ft	ICO-21-12.0	460-27221-11	6/3/2011	N	1.3	J										
ICO-21	16.0 - 16.5 ft	ICO-21-16.0	460-27221-12	6/3/2011	N	< 0.56	U										
ICO-21	18.0 - 18.5 ft	ICO-21-18.0	460-27221-13	6/3/2011	N	1.4	J										
ICO-23	0.3 - 0.8 ft	ICO-23-0.3	460-36375-1	2/1/2012	N	6.2		3.4		298		23.6		0.27		35.6	
ICO-23	2.0 - 2.5 ft	ICO-23-2.0	460-36375-2	2/1/2012	N	2.8		1.1		74.9		13.8		< 0.22	U	16.7	
ICO-23	4.0 - 4.5 ft	ICO-23-4.0	460-36375-3	2/1/2012	N	9.4		2.2		68.8		23.3		< 0.26	U	17.3	
ICO-23	6.0 - 6.5 ft	ICO-23-6.0	460-36375-4	2/1/2012	N	1.5	J	< 0.47	U	13.5		15.0		< 0.22	U	17.7	
ICO-23	8.0 - 8.5 ft	ICO-23-8.0	460-36375-5	2/1/2012	N	< 0.89	U	< 0.44	U	15.7		11.8		< 0.21	U	24.8	
ICO-23	10.0 - 10.5 ft	ICO-23-10.0	460-36375-6	2/1/2012	N	< 0.87	U	< 0.44	U	6.4		5.7		< 0.21	U	11.8	
ICO-23	12.0 - 12.5 ft	ICO-23-12.0	460-36482-1	2/2/2012	N	< 0.94	U	< 0.46	U	7.8		6.9		< 0.22	U	14.6	
ICO-23	12.0 - 12.5 ft	ICO-23-12.0X	460-36482-2	2/2/2012	FD	< 0.93	U	< 0.45	U	6.2		5.5		< 0.21	U	11.0	
ICO-24	0.5 - 1.0 ft	ICO-B024-0.5-1.0	JB16806-22R	9/19/2012	N	4.3	J										
ICO-24	2.0 - 2.5 ft	ICO-B024-2.0-2.5	JB16806-21	9/19/2012	N	18.2	J										
ICO-24	4.0 - 4.5 ft	ICO-B024-4.0-4.5	JB16806-20	9/19/2012	N	4.4	J										
ICO-24	4.0 - 4.5 ft	ICO-B024-4.0-4.5X	JB16806-19R	9/19/2012	FD	2.6	J										
ICO-24	6.0 - 6.5 ft	ICO-B024-6.0-6.5	JB16806-18	9/19/2012	N	2.0	J										
ICO-24	8.0 - 8.5 ft	ICO-B024-8.0-8.5	JB16806-17R	9/19/2012	N	0.95	J										
ICO-24	10.0 - 10.5 ft	ICO-B024-10.0-10.5	JB16806-16	9/19/2012	N	0.92	J										
ICO-24	11.8 - 12.3 ft	ICO-B024-11.8-12.3	JB16806-15R	9/19/2012	N	0.37	J										
ICO-24	15.0 - 15.5 ft	ICO-B024-15.0-15.5	JB16806-14R	9/19/2012	N	0.26	J										
ICO-24	16.0 - 16.5 ft	ICO-B024-16.0-16.5	JB16806-13R	9/19/2012	N	0.41	J										
ICO-24	17.2 - 17.7 ft	ICO-B024-17.2-17.7	JB16806-12R	9/19/2012	N	0.15	J										
ICO-25	0.7 - 1.5 ft	ICO-25-0.7	460-29712-12	8/8/2011	N	< 0.59	U										
ICO-25	2.0 - 2.5 ft	ICO-25-2.0	460-29712-13	8/8/2011	N	1.6	J										
ICO-25	4.0 - 4.5 ft	ICO-25-4.0	460-29712-14	8/8/2011	N	< 0.64	U										
ICO-25	6.0 - 6.5 ft	ICO-25-6.0	460-29712-15	8/8/2011	N	< 0.62	U										
ICO-25	8.0 - 8.5 ft	ICO-25-8.0	460-29712-16	8/8/2011	N	1.0	J										
ICO-26	0.0 - 0.5 ft	ICO-B026-0.0-0.5	JB16806-11	9/19/2012	N	1.8	J										
ICO-26	2.0 - 2.5 ft	ICO-B026-2.0-2.5	JB16806-10	9/19/2012	N	0.16	J										
ICO-26	4.0 - 4.5 ft	ICO-B026-4.0-4.5	JB16806-9	9/19/2012	N	0.27	J										
ICO-26	6.0 - 6.5 ft	ICO-B026-6.0-6.5	JB16806-8R	9/19/2012	N	< 0.13	UJ										
ICO-26	8.0 - 8.5 ft	ICO-B026-8.0-8.5	JB16806-7R	9/19/2012	N	< 0.15	UJ										
ICO-26	10.0 - 10.5 ft	ICO-B026-10.0-10.5	JB16806-6R	9/19/2012	N	< 0.14	UJ										
ICO-26	12.0 - 12.5 ft	ICO-B026-12.0-12.5	JB16806-5R	9/19/2012	N	< 0.14	UJ										
ICO-26	15.0 - 15.5 ft	ICO-B026-15.0-15.5	JB16806-4	9/19/2012	N	0.27	J										
ICO-26	16.0 - 16.5 ft	ICO-B026-16.0-16.5	JB16806-3R	9/19/2012	N	< 0.13	UJ										
ICO-26	17.2 - 17.7 ft	ICO-B026-17.2-17.7	JB16806-2	9/19/2012	N	0.16	J										
ICO-27	0.7 - 1.2 ft	ICO-B027-0.7-1.2	JB16356-11	9/14/2012	N	1.2											

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Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ICO-27	2.0 - 2.5 ft	ICO-B027-2.0-2.5	JB16356-10	9/14/2012	N	0.46	J										
ICO-27	4.0 - 4.5 ft	ICO-B027-4.0-4.5	JB16356-9	9/14/2012	N	0.43	J										
ICO-27	6.0 - 6.5 ft	ICO-B027-6.0-6.5	JB16356-8	9/14/2012	N	< 0.12	U										
ICO-27	7.6 - 8.1 ft	ICO-B027-7.6-8.1	JB16356-7	9/14/2012	N	0.24	J										
ICO-27	10.0 - 10.5 ft	ICO-B027-10.0-10.5	JB16356-6	9/14/2012	N	0.62											
ICO-27	12.0 - 12.5 ft	ICO-B027-12.0-12.5	JB16356-5	9/14/2012	N	< 0.14	U										
ICO-27	15.0 - 15.5 ft	ICO-B027-15.0-15.5	JB16356-4	9/14/2012	N	< 0.14	U										
ICO-27	16.0 - 16.5 ft	ICO-B027-16.0-16.5	JB16356-3	9/14/2012	N	< 0.14	U										
ICO-27	17.2 - 17.7 ft	ICO-B027-17.2-17.7	JB16356-2	9/14/2012	N	< 0.13	U										
ICO-28	0.1 - 0.6 ft	ICO-B028-0.1-0.6	JB16274-23	9/13/2012	N	3.0	J										
ICO-28	2.0 - 2.5 ft	ICO-B028-2.0-2.5	JB16274-22	9/13/2012	N	0.45	J										
ICO-28	2.0 - 2.5 ft	ICO-B028-2.0-2.5X	JB16274-21	9/13/2012	FD	0.19	J										
ICO-28	4.0 - 4.5 ft	ICO-B028-4.0-4.5	JB16274-20	9/13/2012	N	0.24	J										
ICO-28	6.0 - 6.5 ft	ICO-B028-6.0-6.5	JB16274-19	9/13/2012	N	0.38	J										
ICO-28	7.3 - 7.8 ft	ICO-B028-7.3-7.8	JB16274-18	9/13/2012	N	< 0.15	UJ										
ICO-28	10.0 - 10.5 ft	ICO-B028-10.0-10.5	JB16274-17	9/13/2012	N	< 0.14	UJ										
ICO-28	12.0 - 12.5 ft	ICO-B028-12.0-12.5	JB16274-16	9/13/2012	N	0.25	J										
ICO-28	15.0 - 15.5 ft	ICO-B028-15.0-15.5	JB16274-15	9/13/2012	N	0.30	J										
ICO-28	16.0 - 16.5 ft	ICO-B028-16.0-16.5	JB16274-14	9/13/2012	N	0.18	J										
ICO-28	18.0 - 18.5 ft	ICO-B028-18.0-18.5	JB16274-13	9/13/2012	N	< 0.16	UJ										
ICO-29	0.7 - 1.2 ft	ICO-B029-0.7-1.2	JB16274-12	9/13/2012	N	0.43	J										
ICO-29	2.0 - 2.5 ft	ICO-B029-2.0-2.5	JB16274-11	9/13/2012	N	< 0.14	U										
ICO-29	4.0 - 4.5 ft	ICO-B029-4.0-4.5	JB16274-10	9/13/2012	N	< 0.14	U										
ICO-29	6.0 - 6.5 ft	ICO-B029-6.0-6.5	JB16274-9	9/13/2012	N	< 0.14	U										
ICO-29	7.8 - 8.3 ft	ICO-B029-7.8-8.3	JB16274-8	9/13/2012	N	< 0.14	U										
ICO-29	10.0 - 10.5 ft	ICO-B029-10.0-10.5	JB16274-7	9/13/2012	N	< 0.14	U										
ICO-29	12.0 - 12.5 ft	ICO-B029-12.0-12.5	JB16274-6	9/13/2012	N	< 0.14	U										
ICO-29	12.0 - 12.5 ft	ICO-B029-12.0-12.5X	JB16274-5	9/13/2012	FD	0.15	J										
ICO-29	15.0 - 15.5 ft	ICO-B029-15.0-15.5	JB16274-4	9/13/2012	N	< 0.13	U										
ICO-29	16.0 - 16.5 ft	ICO-B029-16.0-16.5	JB16274-3	9/13/2012	N	< 0.13	U										
ICO-29	18.0 - 18.5 ft	ICO-B029-18.0-18.5	JB16274-2	9/13/2012	N	< 0.13	U										
OSB-22	1.0 - 1.5 ft	OSB-22A(1.05-1.55)20060718	J35981-3A	7/18/2006	N			< 2.2	UJ	834		72.7		< 1.1	U	122	
OSB-22	1.0 - 1.5 ft	OSB-22A(1.05-1.55)20060718	J35981-3R	7/18/2006	N	12.6	J										
OSB-22	4.0 - 4.5 ft	NJD981084668-7/25/2006-05B22S1	756292	7/25/2006	N			< 1.6	U	5670		16.3		< 1.3	U	23	
OSB-22	4.0 - 4.5 ft	OSB-22B(4.0-4.5)20060718	J35981-4A	7/18/2006	N			< 3.1	UJ	3800		30.1		< 1.5	U	44.8	
OSB-22	4.0 - 4.5 ft	OSB-22B(4.0-4.5)20060718	J35981-4R	7/18/2006	N	17.2	J										
OSB-22	4.0 - 4.5 ft	OSB-22BD(4.0-4.5)20060718	J35981-5	7/18/2006	FD	12.5	J										
OSB-22	4.0 - 4.5 ft	OSB-22BD(4.0-4.5)20060718	J35981-5A	7/18/2006	FD			< 3.3	UJ	2890		33.3		< 1.6	U	47.8	
OSB-22	11.0 - 12.0 ft	OSB-22C(11-12)20060725	J36596-1	7/25/2006	N	< 1.3	UJ	< 2.7	UJ	29.5		11.7		< 1.3	U	27.0	
OSB-22	14.0 - 14.5 ft	NJD981084668-7/25/2006-05B22S2	756293	7/25/2006	N			< 1.4	U	34.2		9.6		< 1.1	U	23.3	
OSB-22	16.8 - 17.3 ft	OSB-22D(16.8-17.3)20060725	J36596-2	7/25/2006	N		R	< 6.3	UJ	61.9		18.5		< 3.1	U	31.2	
OSB-23	0.5 - 1.0 ft	OSB-23A(0.5-1)20060720	J36229-7	7/20/2006	N	1.3		< 2.2	UJ	89.3	J	15.2		< 1.1	U	27.1	J
OSB-23	1.7 - 2.2 ft	OSB-23B(1.7-2.2)20060720	J36229-6	7/20/2006	N	15.2		< 11	UJ	1980	J	102		< 5.3	U	221	J
OSB-24	0.5 - 1.0 ft	0SB-24A(0.5-1.0)20060724	J36493-5	7/24/2006	N			< 2.2	UJ	795	J	62.0		< 1.1	U	115	

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PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
OSB-24	4.5 - 5.0 ft	0SB-24B(4.5-5.0)20060724	J36493-6	7/24/2006	N			< 2.8	UJ	73.4	J	22.7		< 1.4	U	24.9	
OSB-24	8.0 - 9.0 ft	OSB-24C(8-9)20060731	J37081-8	7/31/2006	N	< 1.4	UJ	5.7	J	22.7	J	15.8		< 1.4	UJ	21.5	J
OSB-24	11.7 - 12.7 ft	OSB-24D(11.7-12.7)20060731	J37081-9	7/31/2006	N	< 1.1	UJ	< 2.2	UJ	13.8	J	8.1		< 1.1	UJ	24.8	J
OSB-24	11.7 - 12.7 ft	OSB-24DD(11.7-12.7)20060731	J37081-10	7/31/2006	FD	< 1.3	UJ	< 2.6	UJ	19.4	J	9.2		< 1.3	UJ	27.3	J
OSB-24	15.5 - 16.0 ft	OSB-24E(15.5-16)20060731	J37081-11	7/31/2006	N	< 1.8	UJ	< 3.7	UJ	25.4	J	19.3		< 1.8	UJ	26.9	J
OSB-25	0.5 - 1.0 ft	0SB-25A(0.5-1.0)20060724	J36493-1	7/24/2006	N			< 2.5	UJ	151	J	35.0		< 1.2	U	93.2	
OSB-25	4.5 - 5.0 ft	0SB-25B(4.5-5.0)20060724	J36493-2	7/24/2006	N			3.3	J	37.3	J	22.7		< 1.4	U	34.3	
OSB-25	7.1 - 7.6 ft	OSB-25C(7.1-7.6)20060731	J37081-1	7/31/2006	N	< 1.1	UJ	< 2.2	UJ	14.8	J	9.6		< 1.1	UJ	20.7	J
OSB-25	9.0 - 9.5 ft	OSB-25D(9-9.5)20060731	J37081-2	7/31/2006	N	< 2.4	UJ	< 4.6	UJ	18.1	J	12.5		< 2.3	UJ	27.8	J
OSB-25	14.0 - 14.5 ft	OSB-25E(14-14.5)20060731	J37081-3	7/31/2006	N	< 1.2	UJ	< 2.5	UJ	18.6	J	12.4		< 1.3	UJ	32.3	J
OSB-25	15.5 - 16.0 ft	OSB-25F(15.5-16)20060731	J37081-4	7/31/2006	N	5.6	J	< 7.3	UJ	25.6	J	22.6		< 3.6	UJ	29.9	J
OSB-28	0.7 - 1.1 ft	OSB-28A (0.7-1.1)20060712	J35428-1A	7/12/2006	N			< 2.2	UJ	407	J	32.3	J	< 1.1	U	102	J
OSB-28	0.7 - 1.1 ft	OSB-28A (0.7-1.1)20060712	J35428-1R	7/12/2006	N	18.4	J										
OSB-28	1.9 - 2.4 ft	OSB-28B (1.9-2.4)20060712	J35428-2A	7/12/2006	N			3.5	J	4660	J	397	J	< 1.3	U	**741**	**J**
OSB-28	1.9 - 2.4 ft	OSB-28B (1.9-2.4)20060712	J35428-2R	7/12/2006	N	***42.2***	***J***										
OSB-28	3.5 - 4.0 ft	OSB-28C (3.5-4)20060712	J35428-3A	7/12/2006	N			< 3.0	UJ	581	J	13.0	J	< 1.5	U	14.5	J
OSB-28	3.5 - 4.0 ft	OSB-28C (3.5-4)20060712	J35428-3R	7/12/2006	N	***95.6***	***J***										
OSB-28	14.2 - 15.2 ft	OSB-28D(14.2-15.2)20060804	J37560-1	8/4/2006	N			< 2.5	UJ	12900		15.0		< 6.4	U	42.8	
OSB-28	14.2 - 15.2 ft	OSB-28D(14.2-15.2)20060804	J37560-1R	8/4/2006	N	***2480***	***J***										
OSB-28	17.1 - 17.4 ft	OSB-28E(17.1-17.4)20060804	J37560-2	8/4/2006	N	< 2.4	UJ	< 9.2	UJ	15900		24.6		< 4.6	U	66.6	
OSB-29	0.6 - 1.0 ft	OSB-29A (0.6-1)20060712	J35428-4A	7/12/2006	N			< 2.1	UJ	745	J	26.6	J	< 1.0	U	136	J
OSB-29	0.6 - 1.0 ft	OSB-29A (0.6-1)20060712	J35428-4R	7/12/2006	N	5.3	J										
OSB-29	2.5 - 3.0 ft	OSB-29B (2.5-3)20060712	J35428-5A	7/12/2006	N			< 2.4	UJ	190	J	9.9	J	< 1.2	U	17.0	J
OSB-29	2.5 - 3.0 ft	OSB-29B (2.5-3)20060712	J35428-5R	7/12/2006	N	19.7	J										
OSB-29	8.9 - 9.4 ft	OSB-29C_8.9-9.4	756414	7/27/2006	N	***1000***	***J***	< 1.5	UJ	7750		14.1		< 1.2	U	65.2	
OSB-29	15.5 - 16.0 ft	OSB-29D(15.5-16)20060804	J37560-7	8/4/2006	N			< 2.3	UJ	13500		12.8		< 5.7	U	90.2	
OSB-29	15.5 - 16.0 ft	OSB-29D(15.5-16)20060804	J37560-7R	8/4/2006	N	***6550***	***J***										
OSB-29	17.7 - 18.0 ft	OSB-29E(17.7-18)20060804	J37560-8	8/4/2006	N	***27700***	***J***	**175**	**J**	108000		< 78	U	< 19	U	< 97	U
OSB-29	19.1 - 19.6 ft	OSB-29F(19.1-19.6)J37560-9R	J37560-9R	8/4/2006	N	***5280***	***RA***	7.0	J	6390		9.6		< 1.2	U	26.7	
OSB-29	22.8 - 23.3 ft	OSB-29G(22.8-23.3)J37560-10R	J37560-10R	8/4/2006	N	***553***	***RA***	< 2.4	UJ	1470		14.4		< 1.2	U	29.7	
OSB-29	25.4 - 25.9 ft	OSB-29H(25.4-25.9)J37560-11R	J37560-11R	8/4/2006	N	***68.9***	***RA***	< 2.5	UJ	305		10.3		< 1.2	U	20.5	
P4-HAL-O47A	2.0 - 2.5 ft	P4-HAL-O47A-2.0-2.5	JB76432-10R	9/12/2014	N	6.3	J										
P4-HAL-O47A	4.0 - 4.5 ft	P4-HAL-O47A-4.0-4.5	JB76432-11R	9/12/2014	N	11.2	J										
P4-HAL-O47A	6.0 - 6.5 ft	P4-HAL-O47A-6.0-6.5	JB76432-12R	9/12/2014	N	1.0	J										
P4-HAL-O47A	6.0 - 6.5 ft	P4-HAL-O47A-6.0-6.5X	JB76432-17	9/12/2014	FD	0.77	J										
P4-HAL-O47A	8.0 - 8.5 ft	P4-HAL-O47A-8.0-8.5	JB76432-13R	9/12/2014	N	< 0.20	UJ										
P4-HAL-O47A	10.0 - 10.5 ft	P4-HAL-O47A-10.0-10.5	JB76432-14R	9/12/2014	N	0.22	J										
P4-HAL-O47A	12.0 - 12.5 ft	P4-HAL-O47A-12.0-12.5	JB76432-15R	9/12/2014	N	0.25	J										
P4-HAL-O47A	13.5 - 14.0 ft	P4-HAL-O47A-13.5-14.0	JB76432-16R	9/12/2014	N	0.27	J										
P4-HAL-O47A	14.0 - 14.5 ft	P4-HAL-O47A-14.0-14.5	JB76432-18	9/12/2014	N	< 0.24	UJ										
P4-HSN-AA16A	0.5 - 1.0 ft	P4-HSN-AA16A-0.5-1.0	JC19596-12A	5/4/2016	N			3.8	J	1600		53.8		< 0.47	U	55.1	
P4-HSN-AA16A	2.5 - 3.0 ft	P4-HSN-AA16A-2.5-3.0	JC19596-17A	5/4/2016	N			< 0.32	UJ	24.1		8.8		< 0.43	U	22.0	
P4-HSN-AA16A	4.5 - 5.0 ft	P4-HSN-AA16A-4.5-5.0	JC19596-18A	5/4/2016	N			< 0.32	UJ	56.3		14.0		< 0.43	U	27.9	
P4-HSN-AA16A	6.5 - 7.0 ft	P4-HSN-AA16A-6.5-7.0	JC19596-19A	5/4/2016	N			< 0.34	UJ	20.3		16.4		< 0.46	U	24.7	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
P4-HSN-AA16A	8.5 - 9.0 ft	P4-HSN-AA16A-8.5-9.0	JC19596-20A	5/4/2016	N			1.3	J	25.3		29.7		< 0.40	U	26.4	
P4-HSN-AA16A	8.5 - 9.0 ft	P4-HSN-AA16A-8.5-9.0X	JC19596-21A	5/4/2016	FD			1.3	J	21.9		23.8		0.46	J	22.7	
P4-HSN-AA16A	10.5 - 11.0 ft	P4-HSN-AA16A-10.5-11.0	JC19596-13A	5/4/2016	N			4.7	J	15.3		15.9		< 0.49	U	19.8	
P4-HSN-AA16A	12.5 - 13.0 ft	P4-HSN-AA16A-12.5-13.0	JC19596-14A	5/4/2016	N			< 0.34	UJ	17.3		12.9		< 0.46	U	29.0	
P4-HSN-AA16A	14.5 - 15.0 ft	P4-HSN-AA16A-14.5-15.0	JC19596-15A	5/4/2016	N			< 0.36	UJ	14.6		10.9		< 0.49	U	26.4	
P4-HSN-AA16A	15.0 - 15.5 ft	P4-HSN-AA16A-15.0-15.5	JC19596-16A	5/4/2016	N			< 0.30	UJ	21.8	J	15.2	J	< 0.41	UJ	30.5	J
P4-HSN-CC12A	0.7 - 1.2 ft	P4-HSN-CC12A-0.7-1.2	JC19916-10R	5/9/2016	N	12.1	J										
P4-HSN-CC12A	2.5 - 3.0 ft	P4-HSN-CC12A-2.5-3.0	JC19916-17	5/9/2016	N	1.1	J										
P4-HSN-CC12A	4.5 - 5.0 ft	P4-HSN-CC12A-4.5-5.0	JC19916-18	5/9/2016	N	1.7	J										
P4-HSN-CC12A	6.5 - 7.0 ft	P4-HSN-CC12A-6.5-7.0	JC19916-19	5/9/2016	N	< 0.45	UJ										
P4-HSN-CC12A	8.5 - 9.0 ft	P4-HSN-CC12A-8.5-9.0	JC19916-20	5/9/2016	N	3.3	J										
P4-HSN-CC12A	10.5 - 11.0 ft	P4-HSN-CC12A-10.5-11.0	JC19916-11	5/9/2016	N	< 0.52	UJ										
P4-HSN-CC12A	10.5 - 11.0 ft	P4-HSN-CC12A-10.5-11.0X	JC19916-12	5/9/2016	FD	1.5	J										
P4-HSN-CC12A	12.5 - 13.0 ft	P4-HSN-CC12A-12.5-13.0	JC19916-13R	5/9/2016	N	0.58	J										
P4-HSN-CC12A	14.5 - 15.0 ft	P4-HSN-CC12A-14.5-15.0	JC19916-14	5/9/2016	N	1.0	J										
P4-HSN-CC12A	15.0 - 15.5 ft	P4-HSN-CC12A-15.0-15.5	JC19916-15R	5/9/2016	N	0.64	J										
P4-HSN-CC12A	15.5 - 16.0 ft	P4-HSN-CC12A-15.5-16.0	JC19916-16R	5/9/2016	N	12.5	J										
P4-HSN-DD8A	0.5 - 1.0 ft	P4-HSN-DD8A-0.5-1.0	JC19506-9R	5/3/2016	N	12.0	RA										
P4-HSN-DD8A	2.0 - 2.5 ft	P4-HSN-DD8A-2.0-2.5	JC19506-16R	5/3/2016	N	< 0.15	RA										
P4-HSN-DD8A	4.0 - 4.5 ft	P4-HSN-DD8A-4.0-4.5	JC19506-17R	5/3/2016	N	< 0.12	RA										
P4-HSN-DD8A	6.0 - 6.5 ft	P4-HSN-DD8A-6.0-6.5	JC19506-18R	5/3/2016	N	< 0.14	RA										
P4-HSN-DD8A	8.0 - 8.5 ft	P4-HSN-DD8A-8.0-8.5	JC19506-19	5/3/2016	N	1.1	RA										
P4-HSN-DD8A	10.0 - 10.5 ft	P4-HSN-DD8A-10.0-10.5	JC19506-10	5/3/2016	N	1.0	RA										
P4-HSN-DD8A	12.0 - 12.5 ft	P4-HSN-DD8A-12.0-12.5	JC19506-11	5/3/2016	N	0.93	RA										
P4-HSN-DD8A	12.0 - 12.5 ft	P4-HSN-DD8A-12.0-12.5X	JC19506-12R	5/3/2016	FD	1.4	RA										
P4-HSN-DD8A	14.0 - 14.5 ft	P4-HSN-DD8A-14.0-14.5	JC19506-13	5/3/2016	N	0.78	RA										
P4-HSN-DD8A	15.5 - 16.0 ft	P4-HSN-DD8A-15.5-16.0	JC19506-14	5/3/2016	N	11.0	RA										
P4-HSN-DD8A	16.0 - 16.5 ft	P4-HSN-DD8A-16.0-16.5	JC19506-15	5/3/2016	N	3.2	RA										
P4-HSN-EE6A	0.0 - 0.5 ft	P4-HSN-EE6A-0.0-0.5	JC19449-32T	5/2/2016	N	7.0	RA										
P4-HSN-EE6A	2.0 - 2.5 ft	P4-HSN-EE6A-2.0-2.5	JC19449-37	5/2/2016	N	0.44	RA										
P4-HSN-EE6A	4.0 - 4.5 ft	P4-HSN-EE6A-4.0-4.5	JC19449-38	5/2/2016	N	0.53	RA										
P4-HSN-EE6A	6.0 - 6.5 ft	P4-HSN-EE6A-6.0-6.5	JC19449-39T	5/2/2016	N	0.94	RA										
P4-HSN-EE6A	8.0 - 8.5 ft	P4-HSN-EE6A-8.0-8.5	JC19449-40T	5/2/2016	N	0.19	RA										
P4-HSN-EE6A	10.0 - 10.5 ft	P4-HSN-EE6A-10.0-10.5	JC19449-33	5/2/2016	N	1.4	RA										
P4-HSN-EE6A	12.0 - 12.5 ft	P4-HSN-EE6A-12.0-12.5	JC19449-34	5/2/2016	N	1.0	RA										
P4-HSN-EE6A	13.0 - 13.5 ft	P4-HSN-EE6A-13.0-13.5	JC19449-35	5/2/2016	N	0.52	RA										
P4-HSN-EE6A	13.5 - 14.0 ft	P4-HSN-EE6A-13.5-14.0	JC19449-36	5/2/2016	N	3.2	RA										
P4-HSN-EE7A	0.0 - 0.5 ft	P4-HSN-EE7A-0.0-0.5	JC19964-21	5/10/2016	N	6.4	J										
P4-HSN-EE7A	2.0 - 2.5 ft	P4-HSN-EE7A-2.0-2.5	JC19964-28	5/10/2016	N	1.4	J										
P4-HSN-EE7A	4.0 - 4.5 ft	P4-HSN-EE7A-4.0-4.5	JC19964-29	5/10/2016	N	1.1	J										
P4-HSN-EE7A	6.0 - 6.5 ft	P4-HSN-EE7A-6.0-6.5	JC19964-30	5/10/2016	N	1.3	J										
P4-HSN-EE7A	8.0 - 8.5 ft	P4-HSN-EE7A-8.0-8.5	JC19964-31R	5/10/2016	N	0.59	J										
P4-HSN-EE7A	10.0 - 10.5 ft	P4-HSN-EE7A-10.0-10.5	JC19964-22	5/10/2016	N	0.82	J										
P4-HSN-EE7A	10.0 - 10.5 ft	P4-HSN-EE7A-10.0-10.5X	JC19964-23	5/10/2016	FD	< 0.37	UJ										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
P4-HSN-EE7A	12.0 - 12.5 ft	P4-HSN-EE7A-12.0-12.5	JC19964-24R	5/10/2016	N	1.6	J										
P4-HSN-EE7A	14.0 - 14.5 ft	P4-HSN-EE7A-14.0-14.5	JC19964-25	5/10/2016	N	0.57	J										
P4-HSN-EE7A	15.0 - 15.5 ft	P4-HSN-EE7A-15.0-15.5	JC19964-26	5/10/2016	N	4.2	J										
P4-HSN-EE7A	15.5 - 16.0 ft	P4-HSN-EE7A-15.5-16.0	JC19964-27	5/10/2016	N	19.0	RA										
PSEG-SB26	9.0 - 9.5 ft	NJD981084668-4/15/2004-001	03368-001	4/15/2004	N			9.54		43.4		27.7		0.142		37.3	
PSEG-SB26	19.5 - 20.0 ft	NJD981084668-4/15/2004-002	03368-002	4/15/2004	N			< 1.19	U	17.8		11.3		< 0.119	U	21.2	
PSEG-SB26	27.0 - 27.5 ft	NJD981084668-4/16/2004-003	03368-003	4/16/2004	N			< 1.22	U	6.91		7.04		< 0.122	U	9.26	
PSEG-SB26	35.5 - 36.0 ft	NJD981084668-4/16/2004-004	03368-004	4/16/2004	N			< 1.23	U	15.4		12.9		0.134		19.8	
PSEG-SB26	56.5 - 57.0 ft	NJD981084668-4/16/2004-005	03368-005	4/16/2004	N			< 1.21	U	6.91		4.31		< 0.121	U	8.59	
PSEG-SB26	56.5 - 57.0 ft	NJD981084668-4/16/2004-006	03368-006	4/16/2004	FD			< 1.23	U	5.92		4.23		< 0.123	U	9.08	
PSEG-SB30	18.0 - 18.5 ft	NJD981084668-4/26/2005-1	627603	4/26/2005	N			< 0.90	U	15.8		8.0	B	< 1.0	U	15.6	
PSEG-SB30	25.0 - 25.5 ft	NJD981084668-4/26/2005-2	627604	4/26/2005	N			< 0.92	U	12.4		8.7	B	< 1.0	U	15.2	
PSEG-SB30	46.8 - 47.3 ft	NJD981084668-4/26/2005-10	628265	4/26/2005	N			< 1.2	U	3.9		2.6	B	< 1.2	U	6.7	B
PSEG-SB30	62.0 - 62.5 ft	NJD981084668-4/26/2005-20	628266	4/26/2005	N			< 1.3	U	18.2		17.8		< 1.3	U	24	
PSEG-SB31	6.5 - 7.0 ft	NJD981084668-4/8/2005-6	622770	4/8/2005	N			4.6		40.3		33.8		< 1.9	U	29.3	
PSEG-SB31	16.5 - 17.0 ft	NJD981084668-4/8/2005-2	622771	4/8/2005	N			2.9	B	30.5		23.4		< 1.6	U	43.7	
PSEG-SB31	24.5 - 25.0 ft	NJD981084668-4/8/2005-3	622772	4/8/2005	N			< 1.1	U	11.6		10.5	B	< 1.3	U	15.7	
PSEG-SB31	27.0 - 27.5 ft	NJD981084668-4/8/2005-4	622773	4/8/2005	N			< 1.6	U	7.7		6.8	B	< 1.8	U	12.6	B
PSEG-SB31	42.0 - 42.5 ft	NJD981084668-4/8/2005-5	622774	4/8/2005	N			< 1.3	U	19.6		19.3		< 1.5	U	30.3	
PSEG-SB32	8.4 - 9.0 ft	NJD981084668-4/20/2005-6	626281	4/20/2005	N			< 0.97	U	16.9		12.6		< 1.1	U	22.4	
PSEG-SB32	10.5 - 11.0 ft	NJD981084668-4/20/2005-1	626282	4/20/2005	N			< 0.97	U	16.4		10.6		< 1.1	U	22.8	
PSEG-SB32	16.0 - 16.5 ft	NJD981084668-4/20/2005-2	626283	4/20/2005	N			< 0.90	U	7.9		6.8	B	< 1.0	U	12.9	
PSEG-SB32	30.5 - 31.0 ft	NJD981084668-4/20/2005-3	626284	4/20/2005	N			< 0.94	U	5.2		4.2	B	< 1.1	U	7.7	B
PSEG-SB32	30.5 - 31.0 ft	NJD981084668-4/20/2005-4	626285	4/20/2005	FD			< 0.88	U	4.8		4.6	B	< 0.99	U	7.4	B
PSEG-SB32	49.0 - 49.5 ft	NJD981084668-4/20/2005-5	626286	4/20/2005	N			< 0.95	U	9.2		8.4	B	< 1.1	U	12.0	B
PSEG-SB33	13.5 - 14.0 ft	NJD981084668-4/18/2005-2	625674	4/18/2005	N			< 0.95	U	5.7		4.0	B	< 1.1	U	8.3	B
PSEG-SB33	44.5 - 45.0 ft	NJD981084668-4/18/2005-3	625676	4/18/2005	N			< 0.87	U	8.9		5.7	B	< 0.98	U	13.9	
PSEG-SB34	18.0 - 18.5 ft	NJD981084668-4/14/2005-1	624630	4/14/2005	N			< 0.90	U	5.8		3.8	B	< 1.0	U	7.1	B
PSEG-SB34	38.0 - 38.5 ft	NJD981084668-4/14/2005-2	624631	4/14/2005	N			< 0.92	U	4.9		3.8	B	< 1.0	U	6.9	B
PSEG-SB35	28.0 - 28.5 ft	NJD981084668-4/15/2005-1	624961	4/15/2005	N			< 0.96	U	107		5.4	B	< 1.1	U	10.3	B
PSEG-SB35	38.0 - 38.5 ft	NJD981084668-4/15/2005-2	624962	4/15/2005	N			< 0.96	U	20.0		5.4	B	< 1.1	U	10.1	B
PSEG-SB35	44.5 - 45.0 ft	NJD981084668-4/15/2005-3	624963	4/15/2005	N			< 0.87	U	25.5		16.5		< 0.99	U	19.6	
PSEG-SB35	44.5 - 45.0 ft	NJD981084668-4/15/2005-4	624964	4/15/2005	FD			< 0.99	U	18.7		15.0		< 1.1	U	17.6	
PSEG-SB37	8.5 - 9.0 ft	NJD981084668-11/30/2006-5	788669	11/30/2006	N			< 1.3	U	298		11.2		< 1.1	U	22.4	
PSEG-SB37	12.5 - 13.0 ft	NJD981084668-11/30/2006-1	788670	11/30/2006	N			< 1.2	U	158		10.4		< 0.99	U	23.2	
PSEG-SB37	20.5 - 21.0 ft	NJD981084668-11/30/2006-2	788671	11/30/2006	N			< 1.5	U	16.1		17.4		< 1.2	U	16.6	
PSEG-SB37	29.0 - 29.5 ft	NJD981084668-11/30/2006-4	788673	11/30/2006	N			< 1.4	U	27.5		13.0		< 1.1	U	30.0	
PSEG-SB37B	1.7 - 2.2 ft	PSEG-SB37B-1.7-2.2	JC27998-2R	9/20/2016	N	0.60	J										
PSEG-SB37B	3.7 - 4.2 ft	PSEG-SB37B-3.7-4.2	JC27998-3R	9/20/2016	N	3.1	J										
PSEG-SB37B	5.7 - 6.2 ft	PSEG-SB37B-5.7-6.2	JC27998-4	9/20/2016	N	1.3	J										
PSEG-SB37B	7.7 - 8.2 ft	PSEG-SB37B-7.7-8.2	JC27998-5	9/20/2016	N	4.6	J										
PSEG-SB40	0.5 - 1.0 ft	PSEG-SB40A(0.5-1.0)J47112-2R	J47112-2R	11/21/2006	N	14.3	J										
PSEG-SB40	1.5 - 2.0 ft	PSEG-SB40B(1.5-2.0)J47112-3R	J47112-3R	11/21/2006	N	4.5	J										
PSEG-SB40	1.5 - 2.0 ft	PSEG-SB40BD(1.5-2.0)J47112-4R	J47112-4R	11/21/2006	FD	6.7	J										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB40	6.0 - 6.5 ft	PSEG-SB40C(6.0-6.5)J47112-5R	J47112-5R	11/21/2006	N	< 1.4	UJ										
PSEG-SB40	10.0 - 10.5 ft	NJD981084668-11/21/2006-SB40_10	786915	11/21/2006	N			< 2.2	U	31.4		21.1		< 1.8	U	30.8	
PSEG-SB40	10.5 - 11.0 ft	PSEG-SB40D(10.5-11.0)J47112-6R	J47112-6R	11/21/2006	N	< 1.2	UJ										
PSEG-SB40	14.0 - 14.5 ft	PSEG-SB40E(14.0-14.5)J47112-7R	J47112-7R	11/21/2006	N	< 1.2	UJ										
PSEG-SB40	19.0 - 19.5 ft	PSEG-SB40H(19.0-19.5)J47112-10	J47112-10	11/21/2006	N			< 2.6	UJ	9.6		< 5.3	U	< 1.3	U	15.2	
PSEG-SB40	19.0 - 19.5 ft	PSEG-SB40H(19.0-19.5)J47112-10R	J47112-10R	11/21/2006	N	< 1.3	UJ										
PSEG-SB40	30.5 - 31.0 ft	NJD981084668-11/21/2006-SB40_30	786916	11/21/2006	N			< 1.4	U	10.2		6.5	B	< 1.1	U	13.5	
PSEG-SB40	42.5 - 43.0 ft	NJD981084668-11/22/2006-SB40_42	786917	11/22/2006	N			< 1.4	U	676		3.3	B	< 1.1	U	8	B
PSEG-SB40	47.0 - 47.5 ft	NJD981084668-11/22/2006-SB40_47	786918	11/22/2006	N			< 1.4	U	76.6		3.9	B	< 1.2	U	9.4	B
PSEG-SB40	55.0 - 55.5 ft	NJD981084668-11/22/2006-SB40_55	786919	11/22/2006	N			< 1.6	U	30.2		33		< 1.3	U	36.8	
PSEG-SB45	0.0 - 0.5 ft	PSEG-SB45A(0.0-0.5)J47851-1	J47851-1	12/1/2006	N			2.4	J	441		51.8		< 1.1	U	77.1	
PSEG-SB45	0.0 - 0.5 ft	PSEG-SB45A(0.0-0.5)J47851-1R	J47851-1R	12/1/2006	N	7.2	J										
PSEG-SB45	1.5 - 2.0 ft	PSEG-SB45B(1.5-2.0)J47851-2	J47851-2	12/1/2006	N			< 2.3	UJ	137		23.0		< 1.2	U	32.4	
PSEG-SB45	1.5 - 2.0 ft	PSEG-SB45B(1.5-2.0)J47851-2R	J47851-2R	12/1/2006	N	3.1	J										
PSEG-SB45	1.5 - 2.0 ft	PSEG-SB45BD(1.5-2.0)J47851-3	J47851-3	12/1/2006	FD			< 2.2	UJ	170		27.4		< 1.1	U	39.0	
PSEG-SB45	1.5 - 2.0 ft	PSEG-SB45BD(1.5-2.0)J47851-3R	J47851-3R	12/1/2006	FD	3.5	J										
PSEG-SB45	5.0 - 5.5 ft	PSEG-SB45C(5.0-5.5)J47851-4	J47851-4	12/1/2006	N			< 2.2	UJ	17.4		6.7		< 1.1	U	17.3	
PSEG-SB45	5.0 - 5.5 ft	PSEG-SB45C(5.0-5.5)J47851-4R	J47851-4R	12/1/2006	N	7.0	J										
PSEG-SB45	9.0 - 9.5 ft	PSEG-SB45D(9.0-9.5)J47851-5	J47851-5	12/1/2006	N			< 2.4	UJ	94.6		11.2		< 1.2	U	18.5	
PSEG-SB45	9.0 - 9.5 ft	PSEG-SB45D(9.0-9.5)J47851-5R	J47851-5R	12/1/2006	N	8.5	J										
PSEG-SB46	1.5 - 2.0 ft	PSEG-SB46A(1.5-2.0)J47741-1	J47741-1	11/30/2006	N			< 2.3	UJ	3260		234		< 1.1	U	286	
PSEG-SB46	1.5 - 2.0 ft	PSEG-SB46A(1.5-2.0)J47741-1R	J47741-1R	11/30/2006	N	***38***	***J***										
PSEG-SB46	4.0 - 5.0 ft	PSEG-SB46B(4.0-5.0)J47741-2	J47741-2	11/30/2006	N			< 3.1	UJ	529		46.1		< 1.5	U	70	
PSEG-SB46	4.0 - 5.0 ft	PSEG-SB46B(4.0-5.0)J47741-2R	J47741-2R	11/30/2006	N	5.7	J										
PSEG-SB46	4.0 - 5.0 ft	PSEG-SB46BD(4.0-5.0)J47741-3	J47741-3	11/30/2006	FD			< 2.8	UJ	489		25.5		< 1.4	U	38	
PSEG-SB46	4.0 - 5.0 ft	PSEG-SB46BD(4.0-5.0)J47741-3R	J47741-3R	11/30/2006	FD	5.2	J										
PSEG-SB46	8.5 - 9.0 ft	PSEG-SB46C(8.5-9.0)J47741-4	J47741-4	11/30/2006	N			< 2.5	UJ	145		9.1		< 1.2	U	19	
PSEG-SB46	8.5 - 9.0 ft	PSEG-SB46C(8.5-9.0)J47741-4R	J47741-4R	11/30/2006	N	< 1.2	UJ										
PSEG-SB46	10.0 - 10.5 ft	PSEG-SB46D(10.0-10.5)J47741-5	J47741-5	11/30/2006	N			< 2.4	UJ	40.2		12.3		< 1.2	U	30.7	
PSEG-SB46	10.0 - 10.5 ft	PSEG-SB46D(10.0-10.5)J47741-5R	J47741-5R	11/30/2006	N	< 1.2	UJ										
PSEG-SB46	11.0 - 11.5 ft	NJD981084668-11/30/2006-6	788674	11/30/2006	N			< 2.0	U	14.6		5.8	B	< 1.6	U	13.7	B
PSEG-SB46	11.0 - 11.5 ft	PSEG-SB46E(11.0-11.5)J47741-6	J47741-6	11/30/2006	N			< 4.7	UJ	27.5		25		< 2.4	U	36.9	
PSEG-SB46	11.0 - 11.5 ft	PSEG-SB46E(11.0-11.5)J47741-6R	J47741-6R	11/30/2006	N	< 2.3	UJ										
PSEG-SB46	14.5 - 15.0 ft	PSEG-SB46F(14.5-15.0)J47741-7	J47741-7	11/30/2006	N			< 2.3	UJ	20.7		14.3		< 1.2	U	28.6	
PSEG-SB46	14.5 - 15.0 ft	PSEG-SB46F(14.5-15.0)J47741-7R	J47741-7R	11/30/2006	N	< 1.2	UJ										
PSEG-SB46	24.5 - 25.0 ft	NJD981084668-11/30/2006-7	788675	11/30/2006	N			< 1.5	U	26.4		6.3	B	< 1.2	U	13.6	
PSEG-SB46	35.0 - 35.5 ft	NJD981084668-12/1/2006-SB46_35	789042	12/1/2006	N			< 1.4	U	4.5		3.2	B	< 1.2	U	7.1	B
PSEG-SB47	0.8 - 1.1 ft	PSEG-SB47A(0.8-1.1)J47582-1R	J47582-1R	11/29/2006	N	6.3	J										
PSEG-SB47	5.0 - 5.5 ft	PSEG-SB47B(5.0-5.5)J47582-2R	J47582-2R	11/29/2006	N	2.1	J										
PSEG-SB47	5.0 - 5.5 ft	PSEG-SB47BD(5.0-5.5)J47582-3R	J47582-3R	11/29/2006	FD	< 1.4	UJ										
PSEG-SB47	6.5 - 7.0 ft	NJD981084668-11/30/2006-11	788665	11/30/2006	N			< 1.6	U	3300		17.5		< 1.3	U	135	
PSEG-SB47	7.0 - 7.4 ft	PSEG-SB47C(7.0-7.4)J47582-4R	J47582-4R	11/29/2006	N	< 1.4	UJ										
PSEG-SB47	10.0 - 10.5 ft	PSEG-SB47D(10.0-10.5)J47582-5R	J47582-5R	11/29/2006	N	< 1.3	UJ										
PSEG-SB47	13.5 - 14.0 ft	NJD981084668-11/30/2006-8	788668	11/30/2006	N			< 1.4	U	18.4		9.3	B	< 1.1	U	21.6	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB47	26.0 - 26.5 ft	NJD981084668-11/30/2006-9	788666	11/30/2006	N			< 1.4	U	105		11.4		< 1.2	U	17.8	
PSEG-SB47	34.5 - 35.0 ft	NJD981084668-11/30/2006-10	788667	11/30/2006	N			< 1.4	U	74.1		10.6		< 1.1	U	15.6	
PSEG-SB48	0.4 - 0.9 ft	PSEG-SB48A(0.4-0.9)J47449-6	J47449-6	11/28/2006	N	5.3											
PSEG-SB48	4.0 - 4.9 ft	PSEG-SB48B(4.0-4.9)J47449-7	J47449-7	11/28/2006	N	< 1.3	U										
PSEG-SB48	4.0 - 4.9 ft	PSEG-SB48BD(4.0-4.9)J47449-8	J47449-8	11/28/2006	FD	< 1.3	U										
PSEG-SB48	7.0 - 7.5 ft	PSEG-SB48C(7.0-7.5)J47449-9	J47449-9	11/28/2006	N	< 1.3	U										
PSEG-SB48	9.0 - 9.5 ft	PSEG-SB48D(9.0-9.5)J47449-10	J47449-10	11/28/2006	N	< 1.2	U										
PSEG-SB48	10.0 - 10.5 ft	NJD981084668-11/28/2006-SB48_10	788115	11/28/2006	N			< 1.5	U	48.5		6.1	B	< 1.2	U	14.5	
PSEG-SB48	14.0 - 14.5 ft	PSEG-SB48E(14.0-14.5)	J47449-11	11/28/2006	N	< 1.2	U										
PSEG-SB48	26.5 - 27.0 ft	NJD981084668-11/29/2006-SB48_26	788116	11/29/2006	N			< 1.5	U	5		3.1	B	< 1.2	U	7.3	B
PSEG-SB48	34.0 - 34.5 ft	NJD981084668-11/29/2006-SB48_34	788117	11/29/2006	N			< 1.3	U	7		4.6	B	< 1.1	U	9	B
PSEG-SB48	39.0 - 39.5 ft	NJD981084668-11/29/2006-SB48_39	788118	11/29/2006	N			< 1.4	U	12.4		9.1	B	< 1.2	U	12.3	
PSEG-SB49	12.5 - 13.0 ft	NJD981084668-11/15/2006-SB49_12	785587	11/15/2006	N			< 1.5	U	11.4		9.1	B	< 1.2	U	20.5	
PSEG-SB49	16.0 - 16.5 ft	NJD981084668-11/15/2006-SB49_16	785588	11/15/2006	N			< 1.5	U	15.8		10.7		< 1.2	U	23.1	
PSEG-SB49	26.5 - 27.0 ft	NJD981084668-11/15/2006-SB49_26	785589	11/15/2006	N			< 1.5	U	8.4		7.4	B	< 1.2	U	14.2	
PSEG-SB49	47.3 - 47.8 ft	NJD981084668-11/15/2006-SB49_47	785590	11/15/2006	N			< 1.4	U	14.8		13.4		< 1.2	U	18.8	
PSEG-SB51	12.5 - 13.0 ft	NJD981084668-11/16/2006-SB51_12	785591	11/16/2006	N			< 1.2	U	10		8	B	< 1	U	18.4	
PSEG-SB51	27.0 - 27.5 ft	NJD981084668-11/16/2006-785592	785592	11/16/2006	N			< 1.3	U	7.6		6.1	B	< 1	U	14	
PSEG-SB51	45.0 - 45.5 ft	NJD981084668-11/17/2006-SB51_45	785975	11/17/2006	N			< 1.3	U	13.3		8.6	B	< 1.1	U	18.7	
PSEG-SB52	1.0 - 1.5 ft	PSEG-SB52A(1.0-1.5)J47237-1	J47237-1	11/22/2006	N			5.8	J	1860	J	97.9		< 1.2	U	115	J
PSEG-SB52	1.0 - 1.5 ft	PSEG-SB52A(1.0-1.5)J47237-1R	J47237-1R	11/22/2006	N	***42.5***											
PSEG-SB52	6.0 - 6.5 ft	PSEG-SB52B(6.0-6.5)J47237-2	J47237-2	11/22/2006	N			4.2	J	6150	J	19.7		< 1.7	U	19.2	J
PSEG-SB52	6.0 - 6.5 ft	PSEG-SB52B(6.0-6.5)J47237-2R	J47237-2R	11/22/2006	N	< 1.7	U										
PSEG-SB52	6.0 - 6.5 ft	PSEG-SB52BD(6.0-6.5)J47237-3	J47237-3	11/22/2006	FD			4.2	J	5820	J	18.1		< 1.7	U	17.6	J
PSEG-SB52	6.0 - 6.5 ft	PSEG-SB52BD(6.0-6.5)J47237-3R	J47237-3R	11/22/2006	FD	15.4											
PSEG-SB52	8.5 - 9.0 ft	NJD981084668-11/22/2006-SB52_8	786920	11/22/2006	N			< 2	U	538		15.7		< 1.6	U	34.7	
PSEG-SB52	8.5 - 9.0 ft	PSEG-SB52C(8.5-9.0)J47237-5	J47237-5	11/22/2006	N			< 4.3	UJ	134	J	19.2		< 2.2	U	50.9	J
PSEG-SB52	8.5 - 9.0 ft	PSEG-SB52C(8.5-9.0)J47237-5R	J47237-5R	11/22/2006	N	< 2.2	U										
PSEG-SB52	9.0 - 9.1 ft	PSEG-SB52D(9.0-9.1)J47237-6	J47237-6	11/22/2006	N			< 4	UJ	33.8	J	16.3		< 2	U	48.5	J
PSEG-SB52	9.0 - 9.1 ft	PSEG-SB52D(9.0-9.1)J47237-6R	J47237-6R	11/22/2006	N	4.4											
PSEG-SB52	10.0 - 10.5 ft	PSEG-SB52E(10.0-10.5)J47237-7	J47237-7	11/22/2006	N			< 2.5	UJ	13	J	7		< 1.3	U	20	J
PSEG-SB52	10.0 - 10.5 ft	PSEG-SB52E(10.0-10.5)J47237-7R	J47237-7R	11/22/2006	N	< 1.2	U										
PSEG-SB52	12.0 - 13.0 ft	PSEG-SB52F(12.0-13.0)J47237-8	J47237-8	11/22/2006	N			< 2.3	UJ	11.7	J	10.4		< 1.2	U	17.8	J
PSEG-SB52	12.0 - 13.0 ft	PSEG-SB52F(12.0-13.0)J47237-8R	J47237-8R	11/22/2006	N	< 1.2	U										
PSEG-SB52	14.2 - 14.9 ft	PSEG-SB52G(14.2-14.9)J47237-9	J47237-9	11/22/2006	N			< 2.3	UJ	21.5	J	11.4		< 1.2	U	25.4	J
PSEG-SB52	14.2 - 14.9 ft	PSEG-SB52G(14.2-14.9)J47237-9R	J47237-9R	11/22/2006	N	< 1.2	U										
PSEG-SB52	14.2 - 14.9 ft	PSEG-SB52GD(14.2-14.9)J47237-10	J47237-10	11/22/2006	FD			< 2.4	UJ	14.1	J	10.8		< 1.2	U	23.8	J
PSEG-SB52	14.2 - 14.9 ft	PSEG-SB52GD(14.2-14.9)J47237-10R	J47237-10R	11/22/2006	FD	< 1.2	U										
PSEG-SB52	16.0 - 16.5 ft	PSEG-SB52H(16.0-16.5)J47368-9	J47368-9	11/27/2006	N	< 2.2	U	< 4.2	UJ	80.2		21.3		< 2.1	U	35.2	
PSEG-SB52	19.0 - 20.0 ft	PSEG-SB52I(19.0-20.0)J47368-10	J47368-10	11/27/2006	N	< 1.9	U	< 3.7	UJ	31.1		24.5		< 1.8	U	34.2	
PSEG-SB52	19.0 - 20.0 ft	PSEG-SB52ID(19.0-20.0)J47368-11	J47368-11	11/27/2006	FD	< 1.9	U	< 3.8	UJ	32.8		25.4		< 1.9	U	36.6	
PSEG-SB52	20.0 - 21.0 ft	PSEG-SB52J(20.0-21.0)J47368-12	J47368-12	11/27/2006	N	< 1.9	U	< 3.6	UJ	18.5		9.4		< 1.8	U	16.5	
PSEG-SB52	21.0 - 21.2 ft	PSEG-SB52K(21.0-21.2)J47368-13	J47368-13	11/27/2006	N	< 1.2	U	< 2.5	UJ	17.1		10.1		< 1.3	U	18.6	
PSEG-SB52	21.0 - 21.5 ft	NJD981084668-11/27/2006-SB52_21	787468	11/27/2006	N			< 1.4	U	13.8		11.6		< 1.2	U	15.2	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	36.3 - 36.8 ft	NJD981084668-11/27/2006-SB52_36	787469	11/27/2006	N			< 1.3	U	153		3.4	B	< 1.1	U	8.9	B
PSEG-SB52	42.9 - 43.4 ft	NJD981084668-11/27/2006-SB52_42	787470	11/27/2006	N			< 1.4	U	6.3		2.8	B	< 1.1	U	6.3	B
PSEG-SB52	54.5 - 55.0 ft	NJD981084668-11/27/2006-SB52_54	787471	11/27/2006	N			< 1.4	U	4.7		3.6	B	< 1.1	U	6.8	B
PSEG-SB54	1.0 - 1.5 ft	PSEG-SB54A(1.0-1.5)J47368-1	J47368-1	11/27/2006	N	1.6											
PSEG-SB54	4.0 - 4.5 ft	PSEG-SB54B(4.0-4.5)J47368-2	J47368-2	11/27/2006	N	< 1.5	U										
PSEG-SB54	6.5 - 7.1 ft	PSEG-SB54C(6.5-7.1)J47368-3	J47368-3	11/27/2006	N	< 1.2	U										
PSEG-SB54	10.0 - 10.5 ft	NJD981084668-11/27/2006-SB54_10	787472	11/27/2006	N			< 1.4	U	22.3		12.1		< 1.2	U	25.7	
PSEG-SB54	12.0 - 12.5 ft	PSEG-SB54D(12.0-12.5)J47368-4	J47368-4	11/27/2006	N	< 1.2	U										
PSEG-SB54	14.5 - 15.0 ft	PSEG-SB54E(14.5-15.0)J47368-5	J47368-5	11/27/2006	N	< 1.8	U										
PSEG-SB54	36.5 - 37.0 ft	NJD981084668-11/27/2006-SB54_36	787473	11/27/2006	N			< 1.4	U	270		3	B	< 1.2	U	6.4	B
PSEG-SB54	42.5 - 43.0 ft	NJD981084668-11/28/2006-SB54_42	788113	11/28/2006	N			< 1.5	U	5.5		3.5	B	< 1.2	U	6.9	B
PSEG-SB54	55.5 - 56.0 ft	NJD981084668-11/28/2006-788114	788114	11/28/2006	N			< 1.4	U	5.9		3.6	B	< 1.1	U	6.4	B
SB25	0.5 - 1.0 ft	SB25(0.5-1)	718616	4/13/2004	N	< 4.78	UJ										
SB25	2.0 - 2.5 ft	SB25(2-2.5)	718617	4/13/2004	N	< 6.02	UJ										
SB25	4.0 - 4.5 ft	SB25(4-4.5)	718618	4/13/2004	N	< 6.13	UJ										
SB25	6.0 - 6.5 ft	SB25(6-6.5)	718619	4/13/2004	N	< 7.13	UJ										
SB25	8.0 - 8.4 ft	SB25(8-8.4)	718620	4/13/2004	N	< 6.6	UJ										
SB25	10.5 - 11.0 ft	SB25(10.5-11)	718621	4/13/2004	N	< 4.9	U										
SB25	10.5 - 11.0 ft	SB25(10.5-11)D	718622	4/13/2004	FD	< 4.93	U										
SB25	12.0 - 12.5 ft	SB25(12-12.5)	718623	4/13/2004	N	< 4.74	UJ										
SB25	14.5 - 15.0 ft	SB25(14.5-15)	718624	4/13/2004	N	< 11.1	UJ										
SB25	25.5 - 26.0 ft	NJD981084668-4/13/2004-001	03259-001	4/13/2004	N			< 1.22	U	13.0		9.48		< 0.122	U	17.8	
SB25	36.0 - 36.5 ft	NJD981084668-4/13/2004-002	03259-002	4/13/2004	N			< 1.25	U	408		4.34		< 0.125	U	5.38	
SB25	44.0 - 44.5 ft	NJD981084668-4/14/2004-003	03259-003	4/14/2004	N			< 1.22	U	151		4.19		< 0.122	U	7.14	
SB25	47.0 - 47.5 ft	NJD981084668-4/14/2004-004	03259-004	4/14/2004	N			< 1.28	U	158		3.73		< 0.128	U	5.27	
SB25	49.5 - 50.0 ft	NJD981084668-4/14/2004-005	03259-005	4/14/2004	N			< 1.36	U	33.6		37.0		0.234		37.0	
SCB-16	0.0 - 0.5 ft	SCB-16-0.0-0.5	JB14519-1	8/23/2012	N	6.8	RA										
SCB-16	4.0 - 4.5 ft	SCB-16-4.0-4.5	JB14519-5	8/23/2012	N	0.69	RA										
SCB-16	10.0 - 10.5 ft	SCB-16-10.0-10.5	JB14519-2	8/23/2012	N	0.31	RA										
SCB-16	11.8 - 12.3 ft	SCB-16-11.8-12.3	JB14519-3	8/23/2012	N	4.1	RA										
SCB-16	16.0 - 16.5 ft	SCB-16-16.0-16.5	JB14519-4	8/23/2012	N	4.6	RA										
SCB-17	2.0 - 2.5 ft	SCB-17-2.0-2.5	JB14519-10	8/23/2012	N	0.65	RA										
SCB-17	2.0 - 2.5 ft	SCB-17-2.0-2.5X	JB14519-11	8/23/2012	FD	< 0.13	RA										
SCB-17	4.0 - 4.5 ft	SCB-17-4.0-4.5	JB14519-12	8/23/2012	N	0.96	RA										
SCB-17	10.0 - 10.5 ft	SCB-17-10.0-10.5	JB14519-7	8/23/2012	N	1.9	RA										
SCB-17	12.0 - 12.5 ft	SCB-17-12.0-12.5	JB14519-8	8/23/2012	N	2.3	RA										
SCB-17	16.0 - 16.5 ft	SCB-17-16.0-16.5	JB14519-9	8/23/2012	N	< 0.29	RA										
SCB-18	2.0 - 2.5 ft	SCB-18-2.0-2.5	JB14519-15	8/23/2012	N	0.48	RA										
SCB-18	6.0 - 6.5 ft	SCB-18-6.0-6.5	JB14519-16	8/23/2012	N	1.2	RA										
SCB-18	10.0 - 10.5 ft	SCB-18-10.0-10.5	JB14519-13	8/23/2012	N	1.4	RA										
SCB-18	12.5 - 13.0 ft	SCB-18-12.5-13.0	JB14519-14	8/23/2012	N	2.8	RA										
TPA	1.5 - 2.0 ft	TPA(1.5-2)	726775	5/12/2004	N	< 4.99	U										
TPA	3.0 - 3.5 ft	TPA(3-3.5)	726776	5/12/2004	N	< 4.72	U										
TPB	1.1 - 1.6 ft	TPB-001	738092	6/23/2004	N	< 4.76	U										

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PPG, Jersey City, New Jersey

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TPB	2.5 - 3.0 ft	TPB-002	738093	6/23/2004	N	< 5.14	U										
TWA-1/ICO-12	1.0 - 1.5 ft	TWA-B001-1.0	JB3648-51	4/6/2012	N	2.1	J	0.68	J	137	J	24.0		< 0.24	U	27.8	J
TWA-1/ICO-12	3.0 - 3.5 ft	TWA-B001-3.0	JB3648-52	4/6/2012	N			< 0.38	UJ	3900	J	432		0.70	J	254	J
TWA-1/ICO-12	3.0 - 3.5 ft	TWA-B001-3.0	JB3648-52R	4/6/2012	N	***24.4***	***J***										
TWA-1/ICO-12	5.0 - 5.5 ft	TWA-B001-5.0	JB3648-53	4/6/2012	N	***50.3***	***J***	< 0.42	UJ	4910	J	450		1.4	J	259	J
TWA-1/ICO-12	7.0 - 7.5 ft	TWA-B001-7.0	JB3648-54	4/6/2012	N			17.1	J	2630	J	44.1		0.64	J	107	J
TWA-1/ICO-12	7.0 - 7.5 ft	TWA-B001-7.0	JB3648-54R	4/6/2012	N	***78.9***	***J***										
TWA-1/ICO-12	10.0 - 10.5 ft	TWA-B001-10.0	JB3648-55	4/6/2012	N	***8940***	***J***	< 1.4	UJ	31900	J	592		4.9	J	**470**	**J**
TWA-1/ICO-12	12.0 - 12.5 ft	TWA-B001-12.0	JB3648-56	4/6/2012	N			< 2.5	UJ	27500	J	591		< 3.4	U	**450**	**J**
TWA-1/ICO-12	12.0 - 12.5 ft	TWA-B001-12.0	JB3648-56R	4/6/2012	N	***9540***	***J***										
TWA-1/ICO-12	14.0 - 14.5 ft	TWA-B001-14.0	JB3648-57	4/6/2012	N	***7720***	***J***	< 2.3	UJ	27600	J	561		< 3.3	U	**402**	**J**
TWA-1/ICO-12	16.0 - 16.5 ft	TWA-B001-16.0	JB3648-58	4/6/2012	N	0.69	J	< 0.21	UJ	49.7	J	13.6		< 0.30	U	18.9	J
TWA-1/ICO-12	20.0 - 20.5 ft	TWA-B001-20.0	JB3648-59	4/6/2012	N			< 0.46	UJ	272	J	14.1	J	< 0.65	UJ	30.8	J
TWA-1/ICO-12	20.0 - 20.5 ft	TWA-B001-20.0	JB3648-59R	4/6/2012	N	0.58	J										
TWA-1/ICO-12	22.0 - 22.5 ft	TWA-B001-22.0	JB3648-60	4/6/2012	N			< 0.58	UJ	154	J	17.5	J	1.4	J	22.6	J
TWA-1/ICO-12	22.0 - 22.5 ft	TWA-B001-22.0	JB3648-60R	4/6/2012	N	3.4	J										
TWA-10	1.0 - 1.5 ft	TWA-B010-1.0	JB3579-1	4/5/2012	N			1.3	J	64.4		34.2		1.0	J	35.7	
TWA-10	1.0 - 1.5 ft	TWA-B010-1.0	JB3579-1R	4/5/2012	N	< 0.22	UJ										
TWA-10	3.0 - 3.5 ft	TWA-B010-3.0	JB3579-2	4/5/2012	N			< 0.16	UJ	14.2		12.9		0.88	J	17.6	
TWA-10	3.0 - 3.5 ft	TWA-B010-3.0	JB3579-2R	4/5/2012	N	< 0.21	UJ										
TWA-10	5.0 - 5.5 ft	TWA-B010-5.0	JB3579-3	4/5/2012	N			1.1	J	17.6		13.0		0.82	J	18.7	
TWA-10	5.0 - 5.5 ft	TWA-B010-5.0	JB3579-3R	4/5/2012	N	< 0.23	UJ										
TWA-10	7.0 - 7.5 ft	TWA-B010-7.0	JB3579-4	4/5/2012	N	0.39	J	2.1	J	18.8		16.0		< 0.32	U	23.7	
TWA-10	10.0 - 10.5 ft	TWA-B010-10.0	JB3579-5	4/5/2012	N			< 0.19	UJ	19.5		14.6		0.95	J	23.0	
TWA-10	10.0 - 10.5 ft	TWA-B010-10.0	JB3579-5R	4/5/2012	N	0.34	J										
TWA-10	12.0 - 12.5 ft	TWA-B010-12.0	JB3579-6	4/5/2012	N			< 0.19	UJ	15.7		9.9		0.47	J	21.7	
TWA-10	12.0 - 12.5 ft	TWA-B010-12.0	JB3579-6R	4/5/2012	N	< 0.24	UJ										
TWA-10	15.0 - 15.5 ft	TWA-B010-15.0	JB3579-7	4/5/2012	N			< 0.23	UJ	26.2		19.1		< 0.32	U	39.4	
TWA-10	15.0 - 15.5 ft	TWA-B010-15.0	JB3579-7R	4/5/2012	N	< 0.29	UJ										
TWA-10	17.0 - 17.5 ft	TWA-B010-17.0	JB3579-8	4/5/2012	N			< 0.30	UJ	26.1		19.3		< 0.42	U	37.9	
TWA-10	17.0 - 17.5 ft	TWA-B010-17.0	JB3579-8R	4/5/2012	N	0.62	J										
TWA-10	18.0 - 18.5 ft	TWA-B010-18.0	JB3579-9	4/5/2012	N			0.60	J	35.8		30.8		< 0.38	U	43.5	
TWA-10	18.0 - 18.5 ft	TWA-B010-18.0	JB3579-9R	4/5/2012	N	< 0.33	UJ										
TWA-10	20.0 - 20.5 ft	TWA-B010-20.0	JB3579-10	4/5/2012	N			< 0.19	UJ	17.7		8.7		< 0.26	U	24.5	
TWA-10	20.0 - 20.5 ft	TWA-B010-20.0	JB3579-10R	4/5/2012	N	0.56	J										
TWA-10	22.0 - 22.5 ft	TWA-B010-22.0	JB3579-11	4/5/2012	N			< 0.17	UJ	15.5		9.1		0.45	J	21.2	
TWA-10	22.0 - 22.5 ft	TWA-B010-22.0	JB3579-11R	4/5/2012	N	< 0.23	UJ										
TWA-11/ICO-16	1.0 - 1.5 ft	ICO-16-1.0	JB3512-1	4/5/2012	N	< 0.22	U	< 0.16	UJ	26.5		11.8		0.46	J	22.5	
TWA-11/ICO-16	3.0 - 3.5 ft	ICO-16-3.0	JB3512-2	4/5/2012	N	0.42	J	< 0.16	UJ	16.5		10.9		< 0.23	U	22.6	
TWA-11/ICO-16	5.0 - 5.5 ft	ICO-16-5.0	JB3512-3	4/5/2012	N	< 0.23	U	0.23	J	15.9		14.5		0.50	J	26.6	
TWA-11/ICO-16	7.0 - 7.5 ft	ICO-16-7.0	JB3512-4	4/5/2012	N	0.41	J	< 0.16	UJ	19.9		17.2		< 0.22	U	25.8	
TWA-11/ICO-16	11.0 - 11.5 ft	ICO-16-11.0	JB3512-5	4/5/2012	N	< 0.22	U	< 0.18	UJ	18.3		13.0		< 0.25	U	25.6	
TWA-11/ICO-16	13.0 - 13.5 ft	ICO-16-13.0	JB3512-6	4/5/2012	N	< 0.26	U	0.20	J	16.8		11.7		0.83	J	23.8	
TWA-11/ICO-16	15.0 - 15.5 ft	ICO-16-15.0	JB3512-7	4/5/2012	N	< 0.23	U	< 0.18	UJ	19.6		12.9		< 0.26	U	32.2	

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					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	**Depth Interval**	**Sample ID**	**Lab ID**	**Date Collected**	**Sample Type**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
TWA-11/ICO-16	17.0 - 17.5 ft	ICO-16-17.0	JB3512-8	4/5/2012	N	< 0.23	U	< 0.17	UJ	20.1		13.0		< 0.24	U	31.6	
TWA-11/ICO-16	19.0 - 19.5 ft	ICO-16-19.0	JB3512-9	4/5/2012	N	< 0.29	U	< 0.22	UJ	27.6		23.1		< 0.31	U	35.6	
TWA-11/ICO-16	21.0 - 21.5 ft	ICO-16-21.0	JB3512-10	4/5/2012	N	< 0.32	U	< 0.24	UJ	36.7		30.2		< 0.34	U	45.2	
TWA-11/ICO-16	23.0 - 23.5 ft	ICO-16-23.0	JB3512-11	4/5/2012	N	0.36	J	< 0.19	UJ	10.8		5.3		< 0.27	U	12.2	
TWA-11/ICO-16	23.0 - 23.5 ft	ICO-16-23.0X	JB3512-12	4/5/2012	FD	< 0.22	U	< 0.17	UJ	11.3		5.3		< 0.23	U	12.7	
TWA-2	1.0 - 1.5 ft	TWA-B002-1.0	JB3648-12	4/6/2012	N			14.0	J	2160		215		< 0.23	U	176	J
TWA-2	1.0 - 1.5 ft	TWA-B002-1.0	JB3648-12R	4/6/2012	N	11.8	RA										
TWA-2	3.0 - 3.5 ft	TWA-B002-3.0	JB3648-13	4/6/2012	N	0.31	RA	15.6	J	1200		40.3		< 0.26	U	59.6	J
TWA-2	5.0 - 5.5 ft	TWA-B002-5.0	JB3648-14	4/6/2012	N			2.2	J	269		26.6		0.32	J	36.0	J
TWA-2	6.0 - 6.5 ft	TWA-B002-6.0	JB3648-15	4/6/2012	N			7.2	J	1320		46.1		0.38	J	71.7	J
TWA-2	6.0 - 6.5 ft	TWA-B002-6.0	JB3648-15R	4/6/2012	N	20.0	RA										
TWA-2	10.0 - 10.5 ft	TWA-B002-10.0	JB3648-16	4/6/2012	N	< 0.25	RA	3.5	J	208		17.0		< 0.27	U	15.1	J
TWA-2	15.0 - 15.5 ft	TWA-B002-15.0	JB3648-17	4/6/2012	N	0.37	RA	3.0	J	52.0		29.0		< 0.25	U	15.5	J
TWA-2	21.0 - 21.5 ft	TWA-B002-21.0	JB3648-18	4/6/2012	N	1.8	RA	2.9	J	78.3	J	26.7	J	< 0.57	UJ	34.3	J
TWA-2	23.0 - 23.5 ft	TWA-B002-23.0	JB3648-19	4/6/2012	N	1.6	RA	< 0.52	UJ	12.3	J	12.3	J	< 0.75	UJ	22.1	J
TWA-2	23.0 - 23.5 ft	TWA-B002-23.0X	JB3648-20	4/6/2012	FD	2.0	RA	0.70	JB	12.0	J	11.6	J	0.80	J	20.1	J
TWA-3/ICO-15	1.0 - 1.5 ft	ICO-B015-1.0	JB3648-40	4/6/2012	N	0.31	RA	6.4	J	278	RA	54.7	J	< 0.24	U	40.8	
TWA-3/ICO-15	3.0 - 3.5 ft	ICO-B015-3.0	JB3648-41	4/6/2012	N			7.2	J	585	RA	34.0	J	< 0.26	U	35.0	
TWA-3/ICO-15	3.0 - 3.5 ft	ICO-B015-3.0	JB3648-41R	4/6/2012	N	0.49	RA										
TWA-3/ICO-15	5.0 - 5.5 ft	ICO-B015-5.0	JB3648-42	4/6/2012	N			2.0	J	26.7	RA	15.2	J	0.40	J	21.0	
TWA-3/ICO-15	5.0 - 5.5 ft	ICO-B015-5.0	JB3648-42R	4/6/2012	N	0.45	RA										
TWA-3/ICO-15	7.0 - 7.5 ft	ICO-B015-7.0	JB3648-43	4/6/2012	N			1.3	J	15.7	RA	14.0	J	0.62	J	16.9	
TWA-3/ICO-15	7.0 - 7.5 ft	ICO-B015-7.0	JB3648-43R	4/6/2012	N	< 0.27	RA										
TWA-3/ICO-15	10.0 - 10.5 ft	ICO-B015-10.0	JB3648-44	4/6/2012	N			7.8	J	60.1	RA	19.7	J	0.34	J	17.2	
TWA-3/ICO-15	10.0 - 10.5 ft	ICO-B015-10.0	JB3648-44R	4/6/2012	N	< 0.26	RA										
TWA-3/ICO-15	12.0 - 12.5 ft	ICO-B015-12.0	JB3648-45	4/6/2012	N			4.4	J	108	RA	34.3	J	< 0.30	U	19.0	
TWA-3/ICO-15	12.0 - 12.5 ft	ICO-B015-12.0	JB3648-45R	4/6/2012	N	0.70	RA										
TWA-3/ICO-15	15.0 - 15.5 ft	ICO-B015-15.0	JB3648-46	4/6/2012	N			**35.6**	**J**	59.4	RA	27.4	J	< 0.29	U	21.8	
TWA-3/ICO-15	15.0 - 15.5 ft	ICO-B015-15.0	JB3648-46R	4/6/2012	N	< 0.27	RA										
TWA-3/ICO-15	17.0 - 17.5 ft	ICO-B015-17.0	JB3648-47	4/6/2012	N			1.8	J	50.9	RA	124	J	< 31	U	46.2	
TWA-3/ICO-15	17.0 - 17.5 ft	ICO-B015-17.0	JB3648-47R	4/6/2012	N	< 0.27	RA										
TWA-3/ICO-15	20.0 - 20.5 ft	ICO-B015-20.0	JB3648-48	4/6/2012	N			5.0	J	679	RA	25.2	J	< 0.32	U	30.2	
TWA-3/ICO-15	20.0 - 20.5 ft	ICO-B015-20.0	JB3648-48R	4/6/2012	N	0.30	RA										
TWA-3/ICO-15	22.0 - 22.5 ft	ICO-B015-22.0	JB3648-49	4/6/2012	N			6.1	J	951	RA	23.6	J	< 0.26	U	20.2	
TWA-3/ICO-15	22.0 - 22.5 ft	ICO-B015-22.0	JB3648-49R	4/6/2012	N	1.3	RA										
TWA-3/ICO-15	22.0 - 22.5 ft	ICO-B015-22.0X	JB3648-50	4/6/2012	FD			0.36	J	91.3	RA	14.5	J	1.0	J	17.6	
TWA-3/ICO-15	22.0 - 22.5 ft	ICO-B015-22.0X	JB3648-50R	4/6/2012	FD	< 0.36	RA										
TWA-4	1.0 - 1.5 ft	TWA-B004-1.0	JB3648-61	4/6/2012	N	0.45	J	0.94	J	349	J	68.9		< 0.24	U	55.5	J
TWA-4	3.0 - 3.5 ft	TWA-B004-3.0	JB3648-62	4/6/2012	N	0.48	J	3.2	J	132	J	68.0		< 0.24	U	42.4	J
TWA-4	5.0 - 5.5 ft	TWA-B004-5.0	JB3648-63	4/6/2012	N	0.97	J	10.2	J	52.4	J	13.5		< 1.8	U	20.5	J
TWA-4	6.0 - 6.5 ft	TWA-B004-6.0	JB3648-64	4/6/2012	N	1.1	J	2.2	J	19.9	J	25.5		< 0.30	U	22.0	J
TWA-4	10.0 - 10.5 ft	TWA-B004-10.0	JB3648-65	4/6/2012	N	0.53	J	2.1	J	69.6	J	18.0		< 0.31	U	26.9	J
TWA-4	15.0 - 15.5 ft	TWA-B004-15.0	JB3648-66	4/6/2012	N	< 0.22	UJ	< 0.18	UJ	16.4	J	11.5		< 0.25	U	25.0	J
TWA-4	17.0 - 17.5 ft	TWA-B004-17.0	JB3648-67	4/6/2012	N	0.77	J	< 0.28	UJ	31.7	J	23.5		< 0.40	U	49.2	J

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TWA-4	20.0 - 20.5 ft	TWA-B004-20.0	JB3648-68	4/6/2012	N	1.1	J	< 0.52	UJ	12.3	J	10.7	J	< 0.73	UJ	18.3	J
TWA-4	22.0 - 22.5 ft	TWA-B004-22.0	JB3648-69	4/6/2012	N	0.64	J	< 0.20	UJ	24.8	J	15.4		< 0.28	U	34.3	J
TWA-4	22.0 - 22.5 ft	TWA-B004-22.0X	JB3648-70	4/6/2012	FD	0.27	J	< 0.18	UJ	18.5	J	14.1		< 0.25	U	21.0	J
TWA-5	1.0 - 1.5 ft	TWA-B005-1.0	JB3648-21	4/6/2012	N			0.46	JB	584		73.2		< 0.25	U	70.3	J
TWA-5	1.0 - 1.5 ft	TWA-B005-1.0	JB3648-21R	4/6/2012	N	< 0.23	UJ										
TWA-5	3.0 - 3.5 ft	TWA-B005-3.0	JB3648-22	4/6/2012	N			2.9	J	65.0		36.5		< 0.25	U	21.9	J
TWA-5	3.0 - 3.5 ft	TWA-B005-3.0	JB3648-22R	4/6/2012	N	< 0.23	UJ										
TWA-5	6.0 - 6.5 ft	TWA-B005-6.0	JB3648-23	4/6/2012	N	0.48	J	0.81	JB	130		18.7		< 0.25	U	25.9	J
TWA-5	10.0 - 10.5 ft	TWA-B005-10.0	JB3648-24	4/6/2012	N			0.57	JB	42.4		10.5		< 0.24	U	18.0	J
TWA-5	10.0 - 10.5 ft	TWA-B005-10.0	JB3648-24R	4/6/2012	N	1.1	J										
TWA-5	15.0 - 15.5 ft	TWA-B005-15.0	JB3648-25	4/6/2012	N			0.97	J	21.3		12.9		< 0.27	U	20.5	J
TWA-5	15.0 - 15.5 ft	TWA-B005-15.0	JB3648-25R	4/6/2012	N	< 0.24	UJ										
TWA-5	17.0 - 17.5 ft	TWA-B005-17.0	JB3648-26	4/6/2012	N			< 0.39	UJ	60.2	J	39.2	J	< 0.57	UJ	89.0	J
TWA-5	17.0 - 17.5 ft	TWA-B005-17.0	JB3648-26R	4/6/2012	N	< 0.53	UJ										
TWA-5	18.0 - 18.5 ft	TWA-B005-18.0	JB3648-27	4/6/2012	N			< 0.19	UJ	9.5		11.7		< 0.28	U	12.7	J
TWA-5	18.0 - 18.5 ft	TWA-B005-18.0	JB3648-27R	4/6/2012	N	0.30	J										
TWA-5	20.0 - 20.5 ft	TWA-B005-20.0	JB3648-28	4/6/2012	N			< 0.19	UJ	20.6		10.0		< 0.26	U	25.4	J
TWA-5	20.0 - 20.5 ft	TWA-B005-20.0	JB3648-28R	4/6/2012	N	< 0.25	UJ										
TWA-5	22.0 - 22.5 ft	TWA-B005-22.0	JB3648-29	4/6/2012	N			< 0.19	UJ	24.4		14.0		0.43	J	37.5	J
TWA-5	22.0 - 22.5 ft	TWA-B005-22.0	JB3648-29R	4/6/2012	N	< 0.24	UJ										
TWA-6	1.0 - 1.5 ft	TWA-B006-1.0	JB3579-12	4/5/2012	N			1.5	J	54.7		26.7		0.76	J	32.6	
TWA-6	1.0 - 1.5 ft	TWA-B006-1.0	JB3579-12R	4/5/2012	N	< 0.21	UJ										
TWA-6	3.0 - 3.5 ft	TWA-B006-3.0	JB3579-13	4/5/2012	N	0.33	J	5.1	J	30.7		23.0		< 0.26	U	19.2	
TWA-6	5.0 - 5.5 ft	TWA-B006-5.0	JB3579-14	4/5/2012	N			0.22	J	21.8		13.9		0.58	J	20.7	
TWA-6	5.0 - 5.5 ft	TWA-B006-5.0	JB3579-14R	4/5/2012	N	0.48	J										
TWA-6	15.0 - 15.5 ft	TWA-B006-15.0	JB3579-15	4/5/2012	N	0.37	J	0.22	J	26.6		16.6		< 0.29	U	35.2	
TWA-6	17.0 - 17.5 ft	TWA-B006-17.0	JB3579-16	4/5/2012	N	0.45	J	< 0.31	UJ	30.2		19.4		< 0.43	U	37.4	
TWA-6	20.0 - 20.5 ft	TWA-B006-20.0	JB3579-17	4/5/2012	N	1.4	J	< 0.60	UJ	15.0	J	11.5	J	< 0.85	UJ	23.8	J
TWA-6	22.0 - 22.5 ft	TWA-B006-22.0	JB3579-18	4/5/2012	N			< 0.18	UJ	8.4		4.1	J	< 0.25	U	11.9	
TWA-6	22.0 - 22.5 ft	TWA-B006-22.0	JB3579-18R	4/5/2012	N	< 0.23	UJ										
TWA-7	1.0 - 1.5 ft	TWA-B007-1.0	JB3579-19	4/6/2012	N	2.0	J	0.40	J	59.5		17.6		0.60	J	21.1	
TWA-7	3.0 - 3.5 ft	TWA-B007-3.0	JB3579-20	4/6/2012	N	0.30	J	< 0.17	UJ	12.2		12.9		0.66	J	15.7	
TWA-7	5.0 - 5.5 ft	TWA-B007-5.0	JB3579-21	4/6/2012	N			1.1	J	511		15.6		< 0.67	U	19.2	
TWA-7	5.0 - 5.5 ft	TWA-B007-5.0	JB3579-21R	4/6/2012	N	0.37	J										
TWA-7	10.0 - 10.5 ft	TWA-B007-10.0	JB3579-22	4/6/2012	N			1.0	J	27.6		15.8		1.3	J	20.2	
TWA-7	10.0 - 10.5 ft	TWA-B007-10.0	JB3579-22R	4/6/2012	N	< 0.26	UJ										
TWA-7	12.0 - 12.5 ft	TWA-B007-12.0	JB3579-23	4/6/2012	N			< 0.20	UJ	12.7		10.9		< 0.27	U	23.6	
TWA-7	12.0 - 12.5 ft	TWA-B007-12.0	JB3579-23R	4/6/2012	N	< 0.25	UJ										
TWA-7	15.0 - 15.5 ft	TWA-B007-15.0	JB3579-24	4/6/2012	N			< 0.18	UJ	26.2		17.3		< 0.25	U	35.0	
TWA-7	15.0 - 15.5 ft	TWA-B007-15.0	JB3579-24R	4/6/2012	N	< 0.23	UJ										
TWA-7	17.0 - 17.5 ft	TWA-B007-17.0	JB3579-25	4/6/2012	N			< 0.23	UJ	30.9		21.4		0.50	J	40.2	
TWA-7	17.0 - 17.5 ft	TWA-B007-17.0	JB3579-25R	4/6/2012	N	0.49	J										
TWA-7	19.0 - 19.5 ft	TWA-B007-19.0	JB3579-26	4/6/2012	N			< 0.24	UJ	30.9		25.5		< 0.34	U	41.6	
TWA-7	19.0 - 19.5 ft	TWA-B007-19.0	JB3579-26R	4/6/2012	N	< 0.30	UJ										

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

						Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
						CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
						Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
						RDCSRS	20		31		120000		1600				390*	
						NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TWA-7	21.0 - 21.5 ft	TWA-B007-21.0	JB3579-27	4/6/2012	N			< 0.26	UJ	30.9		22.2		< 0.37	U	40.0	
TWA-7	21.0 - 21.5 ft	TWA-B007-21.0	JB3579-27R	4/6/2012	N	< 0.33	UJ										
TWA-7	23.0 - 23.5 ft	TWA-B007-23.0	JB3579-28	4/6/2012	N			< 0.26	UJ	31.5		25.3		< 0.37	U	35.9	
TWA-7	23.0 - 23.5 ft	TWA-B007-23.0	JB3579-28R	4/6/2012	N	< 0.32	UJ										
TWA-7	23.0 - 23.5 ft	TWA-B007-23.0X	JB3579-29	4/6/2012	FD			< 0.26	UJ	34.0		27.1		< 0.36	U	39.7	
TWA-7	23.0 - 23.5 ft	TWA-B007-23.0X	JB3579-29R	4/6/2012	FD	0.47	J										
TWA-8	1.0 - 1.5 ft	TWA-B008-1.0	JB3648-72	4/6/2012	N	0.27	J	1.4	J	81.5		32.5		< 0.25	U	41.5	J
TWA-8	3.0 - 3.5 ft	TWA-B008-3.0	JB3648-73	4/6/2012	N			0.82	J	13.8		20.4		< 0.30	U	22.0	J
TWA-8	3.0 - 3.5 ft	TWA-B008-3.0	JB3648-73R	4/6/2012	N	< 0.27	UJ										
TWA-8	5.0 - 5.5 ft	TWA-B008-5.0	JB3648-74	4/6/2012	N			< 0.18	UJ	18.2		12.3		< 0.25	U	24.4	J
TWA-8	5.0 - 5.5 ft	TWA-B008-5.0	JB3648-74R	4/6/2012	N	0.39	J										
TWA-8	7.0 - 7.5 ft	TWA-B008-7.0	JB3648-75	4/6/2012	N			< 0.18	UJ	14.5		12.4		< 0.26	U	23.9	J
TWA-8	7.0 - 7.5 ft	TWA-B008-7.0	JB3648-75R	4/6/2012	N	< 0.24	UJ										
TWA-8	10.0 - 10.5 ft	TWA-B008-10.0	JB3648-76	4/6/2012	N			0.66	J	13.5		21.8		0.45	J	30.0	J
TWA-8	10.0 - 10.5 ft	TWA-B008-10.0	JB3648-76R	4/6/2012	N	< 0.32	UJ										
TWA-8	15.0 - 15.5 ft	TWA-B008-15.0	JB3648-77	4/6/2012	N			< 0.26	UJ	27.7		12.7		< 0.37	U	26.2	J
TWA-8	15.0 - 15.5 ft	TWA-B008-15.0	JB3648-77R	4/6/2012	N	< 0.35	UJ										
TWA-8	17.0 - 17.5 ft	TWA-B008-17.0	JB3648-78	4/6/2012	N	2.2	J	< 0.30	UJ	28.3	J	17.3	J	< 0.42	UJ	38.2	J
TWA-8	20.0 - 20.5 ft	TWA-B008-20.0	JB3648-79	4/6/2012	N			< 0.18	UJ	21.9		12.7		< 0.25	U	32.5	J
TWA-8	20.0 - 20.5 ft	TWA-B008-20.0	JB3648-79R	4/6/2012	N	< 0.24	UJ										
TWA-8	22.0 - 22.5 ft	TWA-B008-22.0	JB3648-80	4/6/2012	N	0.85	J	< 0.18	UJ	17.8		13.9		< 0.25	U	25.2	J
TWA-9/ICO-13	1.0 - 1.5 ft	ICO-B013-1.0	JB3648-1	4/6/2012	N			0.81	J	69.5		68.5		< 0.25	U	26.0	J
TWA-9/ICO-13	1.0 - 1.5 ft	ICO-B013-1.0	JB3648-1R	4/6/2012	N	1.1	J										
TWA-9/ICO-13	3.0 - 3.5 ft	ICO-B013-3.0	JB3648-2	4/6/2012	N			2.5	J	22.5		18.2		0.78	J	20.9	J
TWA-9/ICO-13	3.0 - 3.5 ft	ICO-B013-3.0	JB3648-2R	4/6/2012	N	1.3	J										
TWA-9/ICO-13	5.0 - 5.5 ft	ICO-B013-5.0	JB3648-3	4/6/2012	N			2.0	J	26.4		14.4		< 0.25	U	17.7	J
TWA-9/ICO-13	5.0 - 5.5 ft	ICO-B013-5.0	JB3648-3R	4/6/2012	N	< 0.24	UJ										
TWA-9/ICO-13	6.0 - 6.5 ft	ICO-B013-6.0	JB3648-4	4/6/2012	N			< 0.22	UJ	12.1		16.3		< 0.31	U	24.3	J
TWA-9/ICO-13	6.0 - 6.5 ft	ICO-B013-6.0	JB3648-4R	4/6/2012	N	< 0.30	UJ										
TWA-9/ICO-13	10.0 - 10.5 ft	ICO-B013-10.0	JB3648-5	4/6/2012	N			< 0.18	UJ	16.7		12.0		0.27	J	22.9	J
TWA-9/ICO-13	10.0 - 10.5 ft	ICO-B013-10.0	JB3648-5R	4/6/2012	N	< 0.24	UJ										
TWA-9/ICO-13	12.0 - 12.5 ft	ICO-B013-12.0	JB3648-6	4/6/2012	N			0.25	J	11.8		7.2		< 0.26	U	15.1	J
TWA-9/ICO-13	12.0 - 12.5 ft	ICO-B013-12.0	JB3648-6R	4/6/2012	N	< 0.24	UJ										
TWA-9/ICO-13	15.0 - 15.5 ft	ICO-B013-15.0	JB3648-7	4/6/2012	N			< 0.18	UJ	14.2		9.7		< 0.25	U	19.7	J
TWA-9/ICO-13	15.0 - 15.5 ft	ICO-B013-15.0	JB3648-7R	4/6/2012	N	< 0.24	UJ										
TWA-9/ICO-13	17.0 - 17.5 ft	ICO-B013-17.0	JB3648-8	4/6/2012	N			< 0.24	UJ	24.2		16.7		< 0.33	U	29.3	J
TWA-9/ICO-13	17.0 - 17.5 ft	ICO-B013-17.0	JB3648-8R	4/6/2012	N	0.63	J										
TWA-9/ICO-13	19.0 - 19.5 ft	ICO-B013-19.0	JB3648-9	4/6/2012	N			< 0.26	UJ	38.0		25.5		< 0.36	U	55.9	J
TWA-9/ICO-13	19.0 - 19.5 ft	ICO-B013-19.0	JB3648-9R	4/6/2012	N	< 0.35	UJ										
TWA-9/ICO-13	21.0 - 21.5 ft	ICO-B013-21.0	JB3648-10	4/6/2012	N			< 0.19	UJ	19.2		13.9		< 0.26	U	30.1	J
TWA-9/ICO-13	21.0 - 21.5 ft	ICO-B013-21.0	JB3648-10R	4/6/2012	N	2.6	J										
TWA-9/ICO-13	23.0 - 23.5 ft	ICO-B013-23.0	JB3648-11	4/6/2012	N			0.21	J	15.5		12.7		0.37	J	21.6	J
TWA-9/ICO-13	23.0 - 23.5 ft	ICO-B013-23.0	JB3648-11R	4/6/2012	N	< 0.23	UJ										
X35	2.0 - 2.5 ft	114-X35A-2-2.5	851698	10/17/2005	N	***21.7***											

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Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

					Analyte	CHROMIUM (HEXAVALENT)		ANTIMONY		CHROMIUM		NICKEL		THALLIUM		VANADIUM	
					CAS-RN	18540-29-9		7440-36-0		7440-47-3		7440-02-0		7440-28-0		7440-62-2	
					Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
					RDCSRS	20		31		120000		1600				390*	
					NRDCSRS	20		450				23000				1100	
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
X35	2.0 - 2.5 ft	114-X35A-2-2.5	J18134-12	10/17/2005	N			< 1.0	U	365		12.2		< 1.0	U	30.1	
X35	6.0 - 6.5 ft	114-X35B-6-6.5	851699	10/17/2005	N	***47.9***											
X35	6.0 - 6.5 ft	114-X35B-6-6.5	J18134-13	10/17/2005	N			< 1.1	U	740		11.0		< 1.1	U	30.3	
X35	9.0 - 9.5 ft	114-X35C-9-9.5	851700	10/17/2005	N	< 1.628	U										
X35	9.0 - 9.5 ft	114-X35C-9-9.5	J18134-14	10/17/2005	N			< 1.2	U	18.6		12.9		< 1.2	U	25.2	
X35	16.0 - 16.5 ft	114-X35D-16-16.5	851717	10/17/2005	N	< 1.628	UJ	< 0.91	UJ	14.4	BJ	9.3		< 0.37	U	26.8	
X36	0.8 - 1.3 ft	114-X36A-0.8-1.3	851689	10/17/2005	N	***52.5***											
X36	0.8 - 1.3 ft	114-X36A-0.8-1.3	J18134-3	10/17/2005	N			< 1.2	U	3600		326		< 1.2	U	**420**	
X36	2.0 - 2.5 ft	114-X36B-2-2.5	851690	10/17/2005	N	17.3											
X36	2.0 - 2.5 ft	114-X36B-2-2.5	J18134-4	10/17/2005	N			< 1.1	U	94.9		17.9		< 1.1	U	45.7	
X36	2.0 - 2.5 ft	114-X36BD-2-2.5	851691	10/17/2005	FD	15.4											
X36	2.0 - 2.5 ft	114-X36BD-2-2.5	J18134-5	10/17/2005	FD			< 1.1	U	268		19.6		< 1.1	U	44.0	
X36	6.0 - 6.5 ft	114-X36C-6-6.5	851692	10/17/2005	N	< 1.628	U										
X36	6.0 - 6.5 ft	114-X36C-6-6.5	J18134-6	10/17/2005	N			25.3		71.3		15.1		< 1.6	U	21.7	
X36	10.0 - 10.5 ft	114-X36D-10-10.5	851706	10/17/2005	N	< 1.628	U	< 0.93	UJ	34.1	J	18.4		< 0.37	U	41.7	
X37	1.5 - 2.0 ft	114-X37A-1.5-2	851693	10/17/2005	N	< 1.628	U										
X37	1.5 - 2.0 ft	114-X37A-1.5-2	J18134-7	10/17/2005	N			< 1.1	U	26.5		13.8		< 1.1	U	24.3	
X37	6.0 - 6.5 ft	114-X37B-6-6.5	851694	10/17/2005	N	< 1.628	U										
X37	6.0 - 6.5 ft	114-X37B-6-6.5	J18134-8	10/17/2005	N			4.6		25.7		17.3		< 1.4	U	28.7	
X37	9.0 - 9.5 ft	114-X37C-9-9.5	851695	10/17/2005	N	< 1.628	U										
X37	9.0 - 9.5 ft	114-X37C-9-9.5	J18134-9	10/17/2005	N			< 1.2	U	17.1		16.8		< 1.2	U	25.1	
X37	13.5 - 14.0 ft	114-X37D-13.5-14	851707	10/17/2005	N	< 1.628	U	1.2	J	19.8	BJ	20.7		< 0.47	U	37.3	
X38	6.0 - 6.5 ft	114-X38A-6-6.5	851696	10/17/2005	N	< 1.628	U										
X38	6.0 - 6.5 ft	114-X38A-6-6.5	J18134-10	10/17/2005	N			< 1.1	U	17.3		11.1		< 1.1	U	32.0	
X38	9.5 - 10.0 ft	114-X38B-9.5-10	851697	10/17/2005	N	< 1.628	U										
X38	9.5 - 10.0 ft	114-X38B-9.5-10	J18134-11	10/17/2005	N			< 1.2	U	13.1		11.8		< 1.2	U	17.1	
X38	13.7 - 14.2 ft	114-X38C-13.7-14.2	851713	10/17/2005	N	< 1.628	U	< 0.94	UJ	19.8	BJ	14.8		< 0.38	U	34	

Table 5-1
Analytical Results - Hexavalent Chromium and CCPW Metals Compared to SRS*
Garfield Avenue Group
PPG, Jersey City, New Jersey

AECOM

Notes:

*A site-specific ARS is used in place of the RDCSRS for vanadium.

1. Results are reported in milligrams per kilogram (mg/kg).

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

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

4. For CCPW metals, **bold** values indicate a result that exceeds the RDCSRS or site-specific ARS. *Italic* values indicate a result that exceeds the NRDCSRS.

5. For hexavalent chromium, the NJDEP CrSCC was used in place of the SRS. Bold and italic values indicate a result that exceeds the NJDEP CrSCC.

ARS = Alternative Remediation Standard

CAS-RN = Chemical Abstract Service Registry Number

CCPW = Chromate Chemical Production Waste

CrSCC = Chromium Soil Cleanup Criteria

ft = feet

ID = Identification

NJDEP = New Jersey Department of Environmental Protection

NRDCSRS = NJDEP Non-Residential Direct Contact Soil Remediation Standard

RDCSRS = NJDEP Residential Direct Contact Soil Remediation Standard

SRS = Soil Remediation Standard

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.

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

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.

R - The sample result was rejected due to serious deficiencies; the presence or absence of the analyte could not be confirmed.

RA - The sample result was rejected but is useable.