

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A0	114CC-A'0-PB	114-A'0-6.0-6.5-PB	JB10934	JB10934-3	6.0 - 6.5 ft	10.5	4.5	4.0	07/11/2012	Y	0.24	J
A0	114CC-A0-PB	114-A0-6.0-6.5-PB	JB10934	JB10934-6	6.0 - 6.5 ft	10.5	4.5	4.0	07/11/2012	Y	0.41	J
A0	GAR-PDI-A0	GAR-PDI-A0-8.0-8.5	JC32158	JC32158-3	8.0 - 8.5 ft	11.5	3.5	3.0	11/21/2016	Y	0.48	J
A0	GAR-PDI-A0	GAR-PDI-A0-20.0-20.5	JC32158	JC32158-2	20.0 - 20.5 ft	11.5	-8.5	-9.0	11/21/2016	Y	1.0	
A'0	114CC-A'0-SW	114-A'0-0.5-1.0-SW	JB10934	JB10934-4	0.5 - 1.0 ft	10.0	9.5	9.0	07/11/2012	Y	0.26	J
A'0	114CC-A'0-SW	114-A'0-2.5-3.0-SW	JB10934	JB10934-2	2.5 - 3.0 ft	10.0	7.5	7.0	07/11/2012	Y	0.17	J
A'0	114CC-A'0-SW	114-A'0-4.5-5.0-SW	JB10934	JB10934-5	4.5 - 5.0 ft	10.0	5.5	5.0	07/11/2012	Y	0.32	J
A'0	114GAR-2	114GAR2_3.0	JB10934	JA99472-1	3.0 - 3.0 ft	9.9	6.9	6.9	02/15/2012	N	< 0.23	U
A'0	114GAR-2	114GAR2_3.0	JA99472R	JA99472-1R	3.0 - 3.0 ft	9.9	6.9	6.9	02/15/2012	N	< 0.23	U
A'0	P4-GA-A'0	114-GA-A'0-6.0-6.5	JB74564	JB74564-1	6.0 - 6.5 ft	9.9	3.9	3.4	08/20/2014	Y	0.54	J
A'0	P4-GA-A'0	114-GA-A'0-8.0-8.5	JB74564	JB74564-2	8.0 - 8.5 ft	9.9	1.9	1.4	08/20/2014	Y	0.65	J
A'0	P4-GA-A'0	114-GA-A'0-10.0-10.5	JB74564	JB74564-3	10.0 - 10.5 ft	9.9	-0.1	-0.6	08/20/2014	Y	0.83	J
A'0	P4-GA-A'0	114-GA-A'0-10.5-11.0	JB74833	JB74833-14	10.5 - 11.0 ft	9.9	-0.6	-1.1	08/22/2014	Y	0.89	
A'0	P4-GA-A'0	114-GA-A'0-12.0-12.5	JB74564	JB74564-4	12.0 - 12.5 ft	9.9	-2.1	-2.6	08/20/2014	Y	1.2	J
A'0	P4-GA-A'0	114-GA-A'0-14.0-14.5	JB74564	JB74564-5	14.0 - 14.5 ft	9.9	-4.1	-4.6	08/20/2014	Y	0.35	J
A'0	P4-GA-A'0	114-GA-A'0-16.0-16.5	JB74564	JB74564-6	16.0 - 16.5 ft	9.9	-6.1	-6.6	08/20/2014	Y	0.19	J
A'10A	114CC-A'10A-PB	114-A'10A-6.0-6.5-PB	JB9270R	JB9270-4R	6.0 - 6.5 ft	11.2	5.2	4.7	06/19/2012	Y	< 0.23	UJ
A'10A	114CC-A'10A-SW	114-A'10A-0.5-1.0-SW	JB9270	JB9270-1	0.5 - 1.0 ft	10.7	10.2	9.7	06/19/2012	Y	33.9	J
A'10A	114CC-A'10A-SW	114-A'10A-2.5-3.0-SW	JB9270R	JB9270-2R	2.5 - 3.0 ft	10.7	8.2	7.7	06/19/2012	Y	3.8	J
A'10A	114CC-A'10A-SW	114-A'10A-4.5-5.0-SW	JB9270	JB9270-3	4.5 - 5.0 ft	10.7	6.2	5.7	06/19/2012	Y	0.26	J
A'10A	GAR-PDI-A'10A	GAR-PDI-A'10A-9.5-10.0	JC31517	JC31517-8	9.5 - 10.0 ft	11.3	1.8	1.3	11/10/2016	Y	0.44	J
A'10A	GAR-PDI-A'10A	GAR-PDI-A'10A-10.0-10.5	JC31517	JC31517-2	10.0 - 10.5 ft	11.3	1.3	0.8	11/10/2016	Y	0.66	
A'10A	GAR-PDI-A'10A	GAR-PDI-A'10A-12.0-12.5	JC31517	JC31517-3	12.0 - 12.5 ft	11.3	-0.7	-1.2	11/10/2016	Y	0.84	
A'10A	GAR-PDI-A'10A	GAR-PDI-A'10A-14.0-14.5	JC31517	JC31517-4	14.0 - 14.5 ft	11.3	-2.7	-3.2	11/10/2016	Y	40.7	J
A'10A	GAR-PDI-A'10A	GAR-PDI-A'10A-16.0-16.5	JC31517	JC31517-5	16.0 - 16.5 ft	11.3	-4.7	-5.2	11/10/2016	Y	22.4	J
A'10A	GAR-PDI-A'10A	GAR-PDI-A'10A-18.0-18.5	JC31517	JC31517-6	18.0 - 18.5 ft	11.3	-6.7	-7.2	11/10/2016	Y	16.9	J
A'10A	GAR-PDI-A'10A	GAR-PDI-A'10A-20.0-20.5	JC31517	JC31517-7	20.0 - 20.5 ft	11.3	-8.7	-9.2	11/10/2016	Y	21.5	J
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-0.5-1.0	JC37505	JC37505-15	0.5 - 1.0 ft	11.8	11.3	10.8	02/19/2017	Y	0.72	J
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-1.0-1.5	JC37505	JC37505-16	1.0 - 1.5 ft	11.8	10.8	10.3	02/19/2017	Y	< 0.35	UJ
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-3.0-3.5	JC37505	JC37505-24	3.0 - 3.5 ft	11.8	8.8	8.3	02/19/2017	Y	0.74	J
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-5.0-5.5	JC37505	JC37505-25	5.0 - 5.5 ft	11.8	6.8	6.3	02/19/2017	Y	< 0.38	UJ
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-7.0-7.5	JC37505	JC37505-26	7.0 - 7.5 ft	11.8	4.8	4.3	02/19/2017	Y	< 0.35	UJ
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-7.5-8.0	JC37505	JC37505-27	7.5 - 8.0 ft	11.8	4.3	3.8	02/19/2017	Y	< 0.39	UJ
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-8.0-8.5	JC37505	JC37505-28	8.0 - 8.5 ft	11.8	3.8	3.3	02/19/2017	Y	< 0.38	UJ
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-10.0-10.5	JC37505	JC37505-17	10.0 - 10.5 ft	11.8	1.8	1.3	02/19/2017	Y	< 0.39	UJ
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-10.0-10.5X	JC37505	JC37505-18	10.0 - 10.5 ft	11.8	1.8	1.3	02/19/2017	Y	< 0.40	UJ
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-12.0-12.5	JC37505	JC37505-19	12.0 - 12.5 ft	11.8	-0.2	-0.7	02/19/2017	Y	< 0.34	UJ
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-14.0-14.5	JC37505	JC37505-20	14.0 - 14.5 ft	11.8	-2.2	-2.7	02/19/2017	Y	0.96	J
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-16.0-16.5	JC37505	JC37505-21	16.0 - 16.5 ft	11.8	-4.2	-4.7	02/19/2017	Y	0.43	J
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-18.0-18.5	JC37505	JC37505-22	18.0 - 18.5 ft	11.8	-6.2	-6.7	02/19/2017	Y	1.4	J
A'10B	GAR-PDI-A'10B	GAR-PDI-A'10B-20.0-20.5	JC37505	JC37505-23	20.0 - 20.5 ft	11.8	-8.2	-8.7	02/19/2017	Y	1.5	J
A'11A	114CC-A'11A-PB	114-A'11A-6.0-6.5-PB	JB9215R	JB9215-4R	6.0 - 6.5 ft	11.3	5.3	4.8	06/18/2012	Y	< 0.23	UJ
A'11A	114CC-A'11A-SW	114-A'11A-0.5-1.0-SW	JB9215	JB9215-1	0.5 - 1.0 ft	10.8	10.3	9.8	06/18/2012	Y	5.7	J
A'11A	114CC-A'11A-SW	114-A'11A-2.5-3.0-SW	JB9215R	JB9215-2R	2.5 - 3.0 ft	10.8	8.3	7.8	06/18/2012	Y	< 0.24	UJ
A'11A	114CC-A'11A-SW	114-A'11A-4.5-5.0-SW	JB9215R	JB9215-3R	4.5 - 5.0 ft	10.8	6.3	5.8	06/18/2012	Y	< 0.24	UJ
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-7.5-8.0	JC31517	JC31517-16	7.5 - 8.0 ft	11.5	4.0	3.5	11/10/2016	Y	< 0.40	UJ
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-8.0-8.5	JC31517	JC31517-17	8.0 - 8.5 ft	11.5	3.5	3.0	11/10/2016	Y	1.1	
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-10.0-10.5	JC31517	JC31517-9	10.0 - 10.5 ft	11.5	1.5	1.0	11/10/2016	Y	< 0.34	U
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-10.0-10.5X	JC31517	JC31517-10	10.0 - 10.5 ft	11.5	1.5	1.0	11/10/2016	Y	< 0.34	U
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-12.0-12.5	JC31517	JC31517-11	12.0 - 12.5 ft	11.5	-0.5	-1.0	11/10/2016	Y	33.8	J
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-14.0-14.5	JC31517	JC31517-12	14.0 - 14.5 ft	11.5	-2.5	-3.0	11/10/2016	Y	19.4	

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Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-16.0-16.5	JC31517	JC31517-13	16.0 - 16.5 ft	11.5	-4.5	-5.0	11/10/2016	Y	28.6	J
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-18.0-18.5	JC31517	JC31517-14	18.0 - 18.5 ft	11.5	-6.5	-7.0	11/10/2016	Y	30.6	J
A'11A	GAR-PDI-A'11A	GAR-PDI-A'11A-20.0-20.5	JC31517	JC31517-15	20.0 - 20.5 ft	11.5	-8.5	-9.0	11/10/2016	Y	11.7	
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-0.5-1.0	JC37082	JC37082-10	0.5 - 1.0 ft	12.0	11.5	11.0	02/12/2017	Y	3.3	
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-2.0-2.5	JC37082R	JC37082-16R	2.0 - 2.5 ft	12.0	10.0	9.5	02/12/2017	Y	0.61	
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-4.0-4.5	JC37082	JC37082-18	4.0 - 4.5 ft	12.0	8.0	7.5	02/12/2017	Y	< 0.35	U
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-5.5-6.0	JC37082	JC37082-19	5.5 - 6.0 ft	12.0	6.5	6.0	02/12/2017	Y	< 0.34	U
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-6.0-6.5	JC37082	JC37082-20	6.0 - 6.5 ft	12.0	6.0	5.5	02/12/2017	Y	0.52	J
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-6.0-6.5X	JC37082	JC37082-21	6.0 - 6.5 ft	12.0	6.0	5.5	02/12/2017	Y	0.36	J
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-8.0-8.5	JC37082	JC37082-22	8.0 - 8.5 ft	12.0	4.0	3.5	02/12/2017	Y	0.62	
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-10.0-10.5	JC37082R	JC37082-11R	10.0 - 10.5 ft	12.0	2.0	1.5	02/12/2017	Y	0.57	J
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-12.0-12.5	JC37082	JC37082-12	12.0 - 12.5 ft	12.0	0.0	-0.5	02/12/2017	Y	0.92	J
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-14.0-14.5	JC37082R	JC37082-13R	14.0 - 14.5 ft	12.0	-2.0	-2.5	02/12/2017	Y	0.93	J
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-16.0-16.5	JC37082R	JC37082-14R	16.0 - 16.5 ft	12.0	-4.0	-4.5	02/12/2017	Y	1.5	J
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-18.0-18.5	JC37082R	JC37082-15R	18.0 - 18.5 ft	12.0	-6.0	-6.5	02/12/2017	Y	1.9	J
A'11B	GAR-PDI-A'11B	GAR-PDI-A'11B-20.0-20.5	JC37082	JC37082-17	20.0 - 20.5 ft	12.0	-8.0	-8.5	02/12/2017	Y	0.59	J
A'12A	114CC-A'12A-SW	114-A'12A-0.5-1.0-SW	JB9081R	JB9081-1R	0.5 - 1.0 ft	10.9	10.4	9.9	06/15/2012	Y	10.9	J
A'12A	114CC-A'12A-SW	114-A'12A-2.5-3.0-SW	JB9081	JB9081-2	2.5 - 3.0 ft	10.9	8.4	7.9	06/15/2012	Y	0.34	J
A'12A	114CC-A'12A-SW	114-A'12A-4.5-5.0-SW	JB9081	JB9081-3	4.5 - 5.0 ft	10.9	6.4	5.9	06/15/2012	Y	< 0.23	UJ
A'12A	114CC-A'12A-SW	114-A'12A-6.0-6.5-SW	JB9081	JB9081-4	6.0 - 6.5 ft	10.9	4.9	4.4	06/15/2012	Y	< 0.23	UJ
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-5.0-5.5	JC31394R	JC31394-9R	5.0 - 5.5 ft	11.2	6.2	5.7	11/09/2016	Y	1.1	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-6.0-6.5	JC31394	JC31394-10	6.0 - 6.5 ft	11.2	5.2	4.7	11/09/2016	Y	1.4	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-6.5-7.0	JC31394R	JC31394-11R	6.5 - 7.0 ft	11.2	4.7	4.2	11/09/2016	Y	1.0	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-8.0-8.5	JC31394	JC31394-12	8.0 - 8.5 ft	11.2	3.2	2.7	11/09/2016	Y	0.99	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-10.0-10.5	JC31394	JC31394-2	10.0 - 10.5 ft	11.2	1.2	0.7	11/09/2016	Y	10.0	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-12.0-12.5	JC31394R	JC31394-3R	12.0 - 12.5 ft	11.2	-0.8	-1.3	11/09/2016	Y	61.7	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-12.0-12.5X	JC31394	JC31394-4	12.0 - 12.5 ft	11.2	-0.8	-1.3	11/09/2016	Y	69.2	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-14.0-14.5	JC31394R	JC31394-5R	14.0 - 14.5 ft	11.2	-2.8	-3.3	11/09/2016	Y	87.9	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-16.0-16.5	JC31394	JC31394-6	16.0 - 16.5 ft	11.2	-4.8	-5.3	11/09/2016	Y	39.7	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-18.0-18.5	JC31394R	JC31394-7R	18.0 - 18.5 ft	11.2	-6.8	-7.3	11/09/2016	Y	31.5	J
A'12A	GAR-PDI-A'12A	GAR-PDI-A'12A-20.0-20.5	JC31394	JC31394-8	20.0 - 20.5 ft	11.2	-8.8	-9.3	11/09/2016	Y	24.9	J
A'12B	EF-43	EF-B43-0.5	460258041	460-25804-34	0.5 - 1.0 ft	12.9	12.4	11.9	04/26/2011	Y	< 0.57	U
A'12B	EF-43	EF-B43-2.0	460258991	460-25899-4	2.0 - 2.5 ft	12.9	10.9	10.4	04/28/2011	Y	< 0.58	U
A'12B	EF-43	EF-B43-4.0	460258991	460-25899-6	4.0 - 4.5 ft	12.9	8.9	8.4	04/28/2011	Y	< 0.60	U
A'12B	EF-43	EF-B43-7.0	460259551	460-25955-9	7.0 - 7.5 ft	12.9	5.9	5.4	04/29/2011	Y	< 0.61	UJ
A'12B	EF-43	EF-B43-11.0	460259551	460-25955-10	11.0 - 11.5 ft	12.9	1.9	1.4	04/29/2011	Y	< 0.59	UJ
A'12B	EF-43	EF-B43-15.0	460259551	460-25955-11	15.0 - 15.5 ft	12.9	-2.1	-2.6	04/29/2011	Y	< 0.55	UJ
A'12B	EF-43	EF-B43-21.0	460259551	460-25955-12	21.0 - 21.5 ft	12.9	-8.1	-8.6	04/29/2011	Y	< 0.56	UJ
A'13A	114CC-A'13A-PB	114-A'13A-6.0-6.5-PB	JB8970R	JB8970-6R	6.0 - 6.5 ft	11.4	5.4	4.9	06/14/2012	Y	< 0.24	UJ
A'13A	114CC-A'13A-PB	114-A'13A-6.0-6.5-PBS	JB8858	JB8858-4	6.0 - 6.5 ft	11.4	5.4	4.9	06/13/2012	Y	0.97	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-5.5-6.0	JC31394R	JC31394-21R	5.5 - 6.0 ft	11.0	5.5	5.0	11/09/2016	Y	8.1	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-6.0-6.5	JC31394	JC31394-22	6.0 - 6.5 ft	11.0	5.0	4.5	11/09/2016	Y	1.1	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-12.0-12.5	JC31394	JC31394-13	12.0 - 12.5 ft	11.0	-1.0	-1.5	11/09/2016	Y	0.94	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-14.5-15.0	JC31394	JC31394-14	14.5 - 15.0 ft	11.0	-3.5	-4.0	11/09/2016	Y	27.6	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-16.5-17.0	JC31394	JC31394-15	16.5 - 17.0 ft	11.0	-5.5	-6.0	11/09/2016	Y	28.5	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-17.0-17.5	JC31394	JC31394-16	17.0 - 17.5 ft	11.0	-6.0	-6.5	11/09/2016	Y	27.8	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-17.5-18.0	JC31394	JC31394-17	17.5 - 18.0 ft	11.0	-6.5	-7.0	11/09/2016	Y	16.9	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-18.5-19.0	JC31394	JC31394-18	18.5 - 19.0 ft	11.0	-7.5	-8.0	11/09/2016	Y	6.8	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-19.5-20.0	JC31394R	JC31394-19R	19.5 - 20.0 ft	11.0	-8.5	-9.0	11/09/2016	Y	3.6	J
A'13A	GAR-PDI-A'13A	GAR-PDI-A'13A-20.0-20.5	JC31394	JC31394-20	20.0 - 20.5 ft	11.0	-9.0	-9.5	11/09/2016	Y	4.9	J
A'1A	114CC-A'1A-PB	114-A'1A-6.0-6.5-PB	JB10728	JB10728-5	6.0 - 6.5 ft	10.1	4.1	3.6	07/09/2012	Y	< 0.23	UJ

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A1A	GAR-PDI-A1A	GAR-PDI-A1A-7.0-7.5	JC31963R	JC31963-12R	7.0 - 7.5 ft	11.9	4.9	4.4	11/17/2016	Y	0.67	J
A1A	GAR-PDI-A1A	GAR-PDI-A1A-7.5-8.0	JC31963R	JC31963-13R	7.5 - 8.0 ft	11.9	4.4	3.9	11/17/2016	Y	1.1	J
A1A	GAR-PDI-A1A	GAR-PDI-A1A-17.0-17.5	JC31963R	JC31963-9R	17.0 - 17.5 ft	11.9	-5.1	-5.6	11/17/2016	Y	0.45	J
A1A	GAR-PDI-A1A	GAR-PDI-A1A-17.5-18.0	JC31963R	JC31963-10R	17.5 - 18.0 ft	11.9	-5.6	-6.1	11/17/2016	Y	1.4	J
A1A	GAR-PDI-A1A	GAR-PDI-A1A-20.0-20.5	JC31963	JC31963-11	20.0 - 20.5 ft	11.9	-8.1	-8.6	11/17/2016	Y	< 0.36	U
A1A	114CC-A`1A-SW	114-A`1A-0.5-1.0-SW	JB10728R	JB10728-2R	0.5 - 1.0 ft	10.1	9.6	9.1	07/09/2012	Y	51.0	J
A1A	114CC-A`1A-SW	114-A`1A-2.5-3.0-SW	JB10728R	JB10728-3R	2.5 - 3.0 ft	10.1	7.6	7.1	07/09/2012	Y	0.48	J
A1A	114CC-A`1A-SW	114-A`1A-4.5-5.0-SW	JB10728R	JB10728-4R	4.5 - 5.0 ft	10.1	5.6	5.1	07/09/2012	Y	8.6	J
A1A	114CC-A1A-PB	114-A1A-6.0-6.5-PB	JB10728	JB10728-8	6.0 - 6.5 ft	10.2	4.2	3.7	07/09/2012	Y	0.29	J
A1A	114CC-A1A-PB	114-A1A-6.0-6.5-PBX	JB10728R	JB10728-6R	6.0 - 6.5 ft	10.2	4.2	3.7	07/09/2012	Y	0.20	J
A1A	P4-GA-A`1A	114-GA-A`1A-6.0-6.5	JB74564	JB74564-7	6.0 - 6.5 ft	9.3	3.3	2.8	08/20/2014	Y	1.8	J
A1A	P4-GA-A`1A	114-GA-A`1A-6.0-6.5X	JB74564	JB74564-8	6.0 - 6.5 ft	9.3	3.3	2.8	08/20/2014	Y	355	J
A1A	P4-GA-A`1A	114-GA-A`1A-8.0-8.5	JB74564	JB74564-9	8.0 - 8.5 ft	9.3	1.3	0.8	08/20/2014	Y	0.45	J
A1A	P4-GA-A`1A	114-GA-A`1A-10.0-10.5	JB74564	JB74564-10	10.0 - 10.5 ft	9.3	-0.7	-1.2	08/20/2014	Y	2.3	J
A1A	P4-GA-A`1A	114-GA-A`1A-12.0-12.5	JB74564	JB74564-11	12.0 - 12.5 ft	9.3	-2.7	-3.2	08/20/2014	Y	0.42	J
A1A	P4-GA-A`1A	114-GA-A`1A-12.5-13.0	JB74833	JB74833-12	12.5 - 13.0 ft	9.3	-3.2	-3.7	08/22/2014	Y	1.1	J
A1A	P4-GA-A`1A	114-GA-A`1A-13.0-13.5	JB74833	JB74833-13	13.0 - 13.3 ft	9.3	-3.7	-4.0	08/22/2014	Y	0.23	J
A1A	P4-GA-A`1A	114-GA-A`1A-14.0-14.5	JB74564	JB74564-14	14.0 - 14.5 ft	9.3	-4.7	-5.2	08/20/2014	Y	< 0.20	UJ
A1A	P4-GA-A`1A	114-GA-A`1A-16.0-16.5	JB74564	JB74564-13	16.0 - 16.5 ft	9.3	-6.7	-7.2	08/20/2014	Y	< 0.19	UJ
A1A	P4-GA-A`1A	114-GA-A`1A-18.0-18.5	JB74564	JB74564-14	18.0 - 18.5 ft	9.3	-8.7	-9.2	08/20/2014	Y	< 0.20	UJ
A1A	P4-GA-A`1A	114-GA-A`1A-20.0-20.5	JB74564	JB74564-15	20.0 - 20.5 ft	9.3	-10.7	-11.2	08/20/2014	Y	< 0.20	UJ
A1B	114CC-A1B-PB	114-A1B-6.0-6.5-PB	JB11335	JB11335-6	6.0 - 6.5 ft	10.5	4.5	4.0	07/16/2012	Y	8.2	J
A1B	114CC-A1B-SW	114-A1B-0.5-1.0-SW	JB11335R	JB11335-3R	0.5 - 1.0 ft	9.9	9.4	8.9	07/16/2012	Y	103	J
A1B	114CC-A1B-SW	114-A1B-2.5-3.0-SW	JB11335	JB11335-2	2.5 - 3.0 ft	9.9	7.4	6.9	07/16/2012	Y	22.2	J
A1B	114CC-A1B-SW	114-A1B-4.5-5.0-SW	JB11335	JB11335-4	4.5 - 5.0 ft	9.9	5.4	4.9	07/16/2012	Y	0.46	J
A1B	114CC-A1B-SW	114-A1B-4.5-5.0-SWX	JB11335R	JB11335-5R	4.5 - 5.0 ft	9.9	5.4	4.9	07/16/2012	Y	0.53	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-1.5-2.0	JC30780R	JC30780-1R	1.5 - 2.0 ft	10.3	8.8	8.3	10/30/2016	Y	0.75	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-1.5-2.0X	JC30780R	JC30780-2R	1.5 - 2.0 ft	10.3	8.8	8.3	10/30/2016	Y	0.61	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-3.5-4.0	JC30780	JC30780-10	3.5 - 4.0 ft	10.3	6.8	6.3	10/30/2016	Y	0.89	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-5.5-6.0	JC30780	JC30780-11	5.5 - 6.0 ft	10.3	4.8	4.3	10/30/2016	Y	1.1	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-10.0-10.5	JC30780R	JC30780-3R	10.0 - 10.5 ft	10.3	0.3	-0.2	10/30/2016	Y	1.3	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-11.5-12.0	JC30780	JC30780-4	11.5 - 12.0 ft	10.3	-1.2	-1.7	10/30/2016	Y	0.35	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-13.5-14.0	JC30780	JC30780-5	13.5 - 14.0 ft	10.3	-3.2	-3.7	10/30/2016	Y	< 0.32	UJ
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-15.5-16.0	JC30780R	JC30780-6R	15.5 - 16.0 ft	10.3	-5.2	-5.7	10/30/2016	Y	0.58	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-17.5-18.0	JC30780	JC30780-7	17.5 - 18.0 ft	10.3	-7.2	-7.7	10/30/2016	Y	0.42	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-19.5-20.0	JC30780	JC30780-8	19.5 - 20.0 ft	10.3	-9.2	-9.7	10/30/2016	Y	0.61	J
A1B	GAR-PDI-A`1B	GAR-PDI-A`1B-20.0-20.5	JC30780R	JC30780-9R	20.0 - 20.5 ft	10.3	-9.7	-10.2	10/30/2016	Y	0.58	J
A1B	TPA	TPA(1.5-2)	R2421334	726775	1.5 - 2.0 ft	10.2	8.7	8.2	05/12/2004	Y	< 4.99	U
A1B	TPA	TPA(3-3.5)	R2421334	726776	3.0 - 3.5 ft	10.2	7.2	6.7	05/12/2004	Y	< 4.72	U
A1B	TPB	TPB-001	R2421885	738092	1.1 - 1.6 ft	10.0	8.9	8.4	06/23/2004	N	< 4.76	U
A1B	TPB	TPB-002	R2421885	738093	2.5 - 3.0 ft	10.0	7.5	7.0	06/23/2004	N	< 5.14	U
A2A	GAR-PDI-A2A	GAR-PDI-A2A-7.5-8.0	JC31963	JC31963-17	7.5 - 8.0 ft	12.1	4.6	4.1	11/17/2016	Y	0.43	J
A2A	GAR-PDI-A2A	GAR-PDI-A2A-8.0-8.5	JC31963	JC31963-18	8.0 - 8.5 ft	12.1	4.1	3.6	11/17/2016	Y	< 0.37	U
A2A	GAR-PDI-A2A	GAR-PDI-A2A-16.0-16.5	JC31963	JC31963-14	16.0 - 16.5 ft	12.1	-3.9	-4.4	11/17/2016	Y	1.3	J
A2A	GAR-PDI-A2A	GAR-PDI-A2A-18.0-18.5	JC31963R	JC31963-15R	18.0 - 18.5 ft	12.1	-5.9	-6.4	11/17/2016	Y	0.96	J
A2A	GAR-PDI-A2A	GAR-PDI-A2A-20.0-20.5	JC31963	JC31963-16	20.0 - 20.5 ft	12.1	-7.9	-8.4	11/17/2016	Y	5.8	J
A2A	114CC-A`2A-PB	114-A`2A-6.0-6.5-PB	JB10525	JB10525-4	6.0 - 6.5 ft	10.3	4.3	3.8	07/05/2012	Y	< 0.24	UJ
A2A	114CC-A`2A-PB	114-A`2A-6.0-6.5-PBX	JB10525	JB10525-5	6.0 - 6.5 ft	10.3	4.3	3.8	07/05/2012	Y	< 0.25	UJ
A2A	114CC-A`2A-SW	114-A`2A-0.5-1.0-SW	JB10525	JB10525-1	0.5 - 1.0 ft	9.7	9.2	8.7	07/05/2012	Y	42.2	J
A2A	114CC-A`2A-SW	114-A`2A-2.5-3.0-SW	JB10525	JB10525-2	2.5 - 3.0 ft	9.7	7.2	6.7	07/05/2012	Y	67.5	J
A2A	114CC-A`2A-SW	114-A`2A-4.5-5.0-SW	JB10525	JB10525-3	4.5 - 5.0 ft	9.7	5.2	4.7	07/05/2012	Y	0.29	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A2A	P4-GA-A`2A	114-GA-A`2A-6.0-6.5	JB74425R	JB74425-7R	6.0 - 6.5 ft	9.0	3.0	2.5	08/19/2014	Y	1.3	J
A2A	P4-GA-A`2A	114-GA-A`2A-8.0-8.5	JB74425R	JB74425-1R	8.0 - 8.5 ft	9.0	1.0	0.5	08/19/2014	Y	0.52	J
A2A	P4-GA-A`2A	114-GA-A`2A-9.0-9.5	JB74425R	JB74425-8R	9.0 - 9.5 ft	9.0	0.0	-0.5	08/19/2014	Y	3.2	J
A2A	P4-GA-A`2A	114-GA-A`2A-9.5-10.0	JB74425R	JB74425-9R	9.5 - 10.0 ft	9.0	-0.5	-1.0	08/19/2014	Y	2.6	J
A2A	P4-GA-A`2A	114-GA-A`2A-10.5-11.0	JB74425R	JB74425-2R	10.5 - 11.0 ft	9.0	-1.5	-2.0	08/19/2014	Y	0.85	J
A2B	114CC-A2B-PB	114-A2B-6.0-6.5-PB	JB11561	JB11561-2	6.0 - 6.5 ft	10.8	4.8	4.3	07/18/2012	Y	504	J
A2B	114CC-A2B-SW	114-A2B-0.5-1.0-SW	JB11561R	JB11561-3R	0.5 - 1.0 ft	10.2	9.7	9.2	07/18/2012	Y	55.3	J
A2B	114CC-A2B-SW	114-A2B-2.5-3.0-SW	JB11561R	JB11561-4R	2.5 - 3.0 ft	10.2	7.7	7.2	07/18/2012	Y	7.5	J
A2B	114CC-A2B-SW	114-A2B-4.5-5.0-SW	JB11561R	JB11561-5R	4.5 - 5.0 ft	10.2	5.7	5.2	07/18/2012	Y	41.3	J
A2B	P4-GA-A2B	114-GA-A2B-6.0-6.5	JB74564	JB74564-16	6.0 - 6.5 ft	9.4	3.4	2.9	08/20/2014	Y	1.1	J
A2B	P4-GA-A2B	114-GA-A2B-8.0-8.5	JB74564	JB74564-17	8.0 - 8.5 ft	9.4	1.4	0.9	08/20/2014	Y	8.0	J
A2B	P4-GA-A2B	114-GA-A2B-10.0-10.5	JB74564	JB74564-18	10.0 - 10.5 ft	9.4	-0.6	-1.1	08/20/2014	Y	0.19	J
A2B	P4-GA-A2B	114-GA-A2B-11.5-12.0	JB74833	JB74833-15	11.5 - 12.0 ft	9.4	-2.1	-2.6	08/22/2014	Y	0.93	J
A2B	P4-GA-A2B	114-GA-A2B-12.0-12.5	JB74564	JB74564-19	12.0 - 12.5 ft	9.4	-2.6	-3.1	08/20/2014	Y	23.3	J
A2B	P4-GA-A2B	114-GA-A2B-14.0-14.5	JB74564	JB74564-20	14.0 - 14.5 ft	9.4	-4.6	-5.1	08/20/2014	Y	10.9	J
A2B	P4-GA-A2B	114-GA-A2B-14.0-14.5x	JB74564	JB74564-23	14.0 - 14.5 ft	9.4	-4.6	-5.1	08/20/2014	Y	21.2	J
A2B	P4-GA-A2B	114-GA-A2B-16.0-16.5	JB74564	JB74564-21	16.0 - 16.5 ft	9.4	-6.6	-7.1	08/20/2014	Y	0.25	J
A2B	P4-GA-A2B	114-GA-A2B-18.0-18.5	JB74564	JB74564-22	18.0 - 18.5 ft	9.4	-8.6	-9.1	08/20/2014	Y	< 0.18	UJ
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-1.5-2.0	JC30780	JC30780-13	1.5 - 2.0 ft	10.4	8.9	8.4	10/30/2016	Y	< 0.32	UJ
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-3.5-4.0	JC30780U	JC30780-20U	3.5 - 4.0 ft	10.4	6.9	6.4	10/30/2016	Y	0.36	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-5.5-6.0	JC30780	JC30780-21	5.5 - 6.0 ft	10.4	4.9	4.4	10/30/2016	Y	1.6	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-7.5-8.0	JC30780	JC30780-22	7.5 - 8.0 ft	10.4	2.9	2.4	10/30/2016	Y	0.40	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-8.0-8.5	JC30780	JC30780-23	8.0 - 8.5 ft	10.4	2.4	1.9	10/30/2016	Y	2.5	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-9.5-10.0	JC30780	JC30780-24	9.5 - 10.0 ft	10.4	0.9	0.4	10/30/2016	Y	0.98	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-11.5-12.0	JC30780	JC30780-14	11.5 - 12.0 ft	10.4	-1.1	-1.6	10/30/2016	Y	< 0.34	UJ
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-13.5-14.0	JC30780	JC30780-15	13.5 - 14.0 ft	10.4	-3.1	-3.6	10/30/2016	Y	0.74	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-15.5-16.0	JC30780	JC30780-16	15.5 - 16.0 ft	10.4	-5.1	-5.6	10/30/2016	Y	1.2	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-17.5-18.0	JC30780	JC30780-17	17.5 - 18.0 ft	10.4	-7.1	-7.6	10/30/2016	Y	0.54	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-19.5-20.0	JC30780	JC30780-18	19.5 - 20.0 ft	10.4	-9.1	-9.6	10/30/2016	Y	0.40	J
A2B	GAR-PDI-A`2B	GAR-PDI-A`2B-20.0-20.5	JC30780	JC30780-19	20.0 - 20.5 ft	10.4	-9.6	-10.1	10/30/2016	Y	0.39	J
A2B	GD	GD4-4.5	R2420565	712776	4.0 - 4.5 ft	10.1	6.1	5.6	03/16/2004	Y	< 5.6	UJ
A2B	GD	GD4-4.5D	R2420565	712777	4.0 - 4.5 ft	10.1	6.1	5.6	03/16/2004	Y	< 5.06	UJ
A2B	GD	GD5.9-6.4	R2420565	712778	5.9 - 6.4 ft	10.1	4.2	3.7	03/16/2004	Y	< 5.47	UJ
A2B	GD	GD8-8.5	R2420565	712779	8.0 - 8.5 ft	10.1	2.1	1.6	03/16/2004	Y	< 4.66	UJ
A3A	GAR-PDI-A3A	GAR-PDI-A3A-7.5-8.0	JC31963	JC31963-25	7.5 - 8.0 ft	12.0	4.5	4.0	11/17/2016	Y	0.47	J
A3A	GAR-PDI-A3A	GAR-PDI-A3A-8.0-8.5	JC31963	JC31963-26	8.0 - 8.5 ft	12.0	4.0	3.5	11/17/2016	Y	< 0.35	U
A3A	GAR-PDI-A3A	GAR-PDI-A3A-8.0-8.5X	JC31963	JC31963-27	8.0 - 8.5 ft	12.0	4.0	3.5	11/17/2016	Y	0.79	J
A3A	GAR-PDI-A3A	GAR-PDI-A3A-10.0-10.5	JC31963	JC31963-19	10.0 - 10.5 ft	12.0	2.0	1.5	11/17/2016	Y	0.38	J
A3A	GAR-PDI-A3A	GAR-PDI-A3A-11.0-11.5	JC31963	JC31963-20	11.0 - 11.5 ft	12.0	1.0	0.5	11/17/2016	Y	1.2	J
A3A	GAR-PDI-A3A	GAR-PDI-A3A-15.0-15.5	JC31963	JC31963-21	15.0 - 15.5 ft	12.0	-3.0	-3.5	11/17/2016	Y	0.43	J
A3A	GAR-PDI-A3A	GAR-PDI-A3A-16.0-16.5	JC31963	JC31963-22	16.0 - 16.5 ft	12.0	-4.0	-4.5	11/17/2016	Y	0.87	J
A3A	GAR-PDI-A3A	GAR-PDI-A3A-18.0-18.5	JC31963	JC31963-23	18.0 - 18.5 ft	12.0	-6.0	-6.5	11/17/2016	Y	0.56	J
A3A	GAR-PDI-A3A	GAR-PDI-A3A-20.0-20.5	JC31963	JC31963-24	20.0 - 20.5 ft	12.0	-8.0	-8.5	11/17/2016	Y	1.0	J
A3A	114CC-A`3A-PB	114-A`3A-6.0-6.5-PB	JB10309	JB10309-3	6.0 - 6.5 ft	10.1	4.1	3.6	07/02/2012	Y	< 0.25	UJ
A3A	114CC-A`3A-SW	114-A`3A-0.5-1.0-SW	JB10309	JB10309-1	0.5 - 1.0 ft	9.5	9.0	8.5	07/02/2012	Y	13.7	J
A3A	114CC-A`3A-SW	114-A`3A-2.5-3.0-SW	JB10309	JB10309-5	2.5 - 3.0 ft	9.5	7.0	6.5	07/02/2012	Y	39.6	J
A3A	114CC-A`3A-SW	114-A`3A-4.5-5.0-SW	JB10309	JB10309-2	4.5 - 5.0 ft	9.5	5.0	4.5	07/02/2012	Y	8.2	J
A3A	P4-GA-A`3A	114-GA-A`3A-5.5-6.0	JB74425	JB74425-12	5.5 - 6.0 ft	8.7	3.2	2.7	08/19/2014	Y	1.1	J
A3A	P4-GA-A`3A	114-GA-A`3A-5.5-6.0X	JB74425R	JB74425-13R	5.5 - 6.0 ft	8.7	3.2	2.7	08/19/2014	Y	0.61	J
A3A	P4-GA-A`3A	114-GA-A`3A-6.5-7.0	JB74425R	JB74425-14R	6.5 - 7.0 ft	8.7	2.2	1.7	08/19/2014	Y	1.9	J
A3A	P4-GA-A`3A	114-GA-A`3A-7.0-7.5	JB74425R	JB74425-15R	7.0 - 7.5 ft	8.7	1.7	1.2	08/19/2014	Y	6.6	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A3A	P4-GA-A'3A	114-GA-A'3A-7.5-8.0	JB74425R	JB74425-16R	7.5 - 8.0 ft	8.7	1.2	0.7	08/19/2014	Y	1.2	J
A3B	114CC-A3B-PB	114-A3B-6.0-6.5-PB	JB11620	JB11620-3	6.0 - 6.5 ft	10.8	4.8	4.3	07/19/2012	Y	< 0.15	UJ
A3B	114CC-A3B-SW	114-A3B-1.1-1.6-SW	JB11620R	JB11620-5R	1.1 - 1.6 ft	10.3	9.2	8.7	07/19/2012	Y	16.7	J
A3B	114CC-A3B-SW	114-A3B-2.5-3.0-SW	JB11620	JB11620-1	2.5 - 3.0 ft	10.3	7.8	7.3	07/19/2012	Y	44.4	J
A3B	114CC-A3B-SW	114-A3B-4.5-5.0-SW	JB11620R	JB11620-2R	4.5 - 5.0 ft	10.3	5.8	5.3	07/19/2012	Y	0.18	J
A3B	P4-GA-A3B	114-GA-A3B-0.0-0.5	JB74714	JB74714-2	0.0 - 0.5 ft	9.4	9.4	8.9	08/21/2014	Y	0.38	J
A3B	P4-GA-A3B	114-GA-A3B-6.0-6.5	JB74714	JB74714-4	6.0 - 6.5 ft	9.4	3.4	2.9	08/21/2014	Y	0.25	J
A3B	P4-GA-A3B	114-GA-A3B-8.0-8.5	JB74714	JB74714-3	8.0 - 8.5 ft	9.4	1.4	0.9	08/21/2014	Y	0.38	J
A3B	P4-GA-A3B	114-GA-A3B-8.0-8.5X	JB74714	JB74714-6	8.0 - 8.5 ft	9.4	1.4	0.9	08/21/2014	Y	0.75	J
A3B	P4-GA-A3B	114-GA-A3B-8.5-9.0	JB74714	JB74714-5	8.5 - 9.0 ft	9.4	0.9	0.4	08/21/2014	Y	0.69	J
A3B	P4-GA-A3B	114-GA-A3B-10.5-11.0	JB74714	JB74714-7	10.5 - 11.0 ft	9.4	-1.1	-1.6	08/21/2014	Y	0.57	J
A3B	P4-GA-A3B	114-GA-A3B-12.5-13.0	JB74714	JB74714-8	12.5 - 13.0 ft	9.4	-3.1	-3.6	08/21/2014	Y	1.2	J
A3B	P4-GA-A3B	114-GA-A3B-14.5-15.0	JB74714	JB74714-9	14.5 - 15.0 ft	9.4	-5.1	-5.6	08/21/2014	Y	1.2	J
A3B	P4-GA-A3B	114-GA-A3B-16.5-17.0	JB74714	JB74714-10	16.5 - 17.0 ft	9.4	-7.1	-7.6	08/21/2014	Y	0.55	J
A3B	P4-GA-A3B	114-GA-A3B-18.5-19.0	JB74714	JB74714-11	18.5 - 19.0 ft	9.4	-9.1	-9.6	08/21/2014	Y	0.69	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-1.0-1.5	JC30310	JC30310-2	1.0 - 1.5 ft	10.4	9.4	8.9	10/23/2016	Y	3.6	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-3.0-3.5	JC30310	JC30310-9	3.0 - 3.5 ft	10.4	7.4	6.9	10/23/2016	Y	< 0.33	UJ
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-5.0-5.5	JC30310	JC30310-10	5.0 - 5.5 ft	10.4	5.4	4.9	10/23/2016	Y	0.48	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-6.0-6.5	JC30780	JC30780-25	6.0 - 6.5 ft	10.4	4.4	3.9	10/30/2016	Y	2.6	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-6.5-7.0	JC30780	JC30780-26	6.5 - 7.0 ft	10.4	3.9	3.4	10/30/2016	Y	1.7	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-7.0-7.5	JC30310	JC30310-11	7.0 - 7.5 ft	10.4	3.4	2.9	10/23/2016	Y	0.84	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-9.0-9.5	JC30310	JC30310-12	9.0 - 9.5 ft	10.4	1.4	0.9	10/23/2016	Y	0.80	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-11.0-11.5	JC30310	JC30310-3	11.0 - 11.5 ft	10.4	-0.6	-1.1	10/23/2016	Y	0.57	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-13.0-13.5	JC30310	JC30310-4	13.0 - 13.5 ft	10.4	-2.6	-3.1	10/23/2016	Y	< 0.31	UJ
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-15.0-15.5	JC30310	JC30310-5	15.0 - 15.5 ft	10.4	-4.6	-5.1	10/23/2016	Y	0.57	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-17.0-17.5	JC30310	JC30310-6	17.0 - 17.5 ft	10.4	-6.6	-7.1	10/23/2016	Y	0.45	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-19.0-19.5	JC30310	JC30310-7	19.0 - 19.5 ft	10.4	-8.6	-9.1	10/23/2016	Y	0.49	J
A3B	GAR-PDI-A'3B	GAR-PDI-A'3B-20.0-20.5	JC30310	JC30310-8	20.0 - 20.5 ft	10.4	-9.6	-10.1	10/23/2016	Y	0.42	J
A4A	114CC-A'4A-PB	114-A'4A-6.0-6.5-PB	JB10037R	JB10037-2R	6.0 - 6.5 ft	10.2	4.2	3.7	06/28/2012	Y	< 0.29	UJ
A4A	114CC-A'4A-SW	114-A'4A-0.5-1.0-SW	JB10037	JB10037-3	0.5 - 1.0 ft	9.5	9.0	8.5	06/28/2012	Y	1260	J
A4A	114CC-A'4A-SW	114-A'4A-2.5-3.0-SW	JB10037R	JB10037-4R	2.5 - 3.0 ft	9.5	7.0	6.5	06/28/2012	Y	21.5	J
A4A	114CC-A'4A-SW	114-A'4A-4.5-5.0-SW	JB10037R	JB10037-5R	4.5 - 5.0 ft	9.5	5.0	4.5	06/28/2012	Y	13.7	J
A4A	GAR-PDI-B'4A	GAR-PDI-B'4A-3.0-3.5	JC35045	JC35045-1	3.0 - 3.5 ft	10.1	7.1	6.6	01/08/2017	Y	0.43	J
A4A	GAR-PDI-B'4A	GAR-PDI-B'4A-5.0-5.5	JC35045	JC35045-2	5.0 - 5.5 ft	10.1	5.1	4.6	01/08/2017	Y	2.2	J
A4A	GAR-PDI-B'4A	GAR-PDI-B'4A-7.0-7.5	JC35045	JC35045-3	7.0 - 7.5 ft	10.1	3.1	2.6	01/08/2017	Y	2.2	J
A4A	P4-GA-A'4A	114-GA-A'4A-6.0-6.5	JB74425R	JB74425-23R	6.0 - 6.5 ft	8.5	2.5	2.0	08/19/2014	Y	0.45	J
A4A	P4-GA-A'4A	114-GA-A'4A-8.0-8.5	JB74425R	JB74425-22R	8.0 - 8.5 ft	8.5	0.5	0.0	08/19/2014	Y	1.8	J
A4A	P4-GA-A'4A	114-GA-A'4A-10.0-10.5	JB74425	JB74425-24	10.0 - 10.5 ft	8.5	-1.5	-2.0	08/19/2014	Y	0.36	J
A4A	P4-GA-A'4A	114-GA-A'4A-12.0-12.5	JB74425	JB74425-25	12.0 - 12.5 ft	8.5	-3.5	-4.0	08/19/2014	Y	0.79	J
A4A	P4-GA-A'4A	114-A'4A-12.5-13.0	JB74714	JB74714-1	12.5 - 13.0 ft	8.5	-4.0	-4.5	08/21/2014	Y	0.84	J
A4A	P4-GA-A'4A	114-GA-A'4A-14.0-14.5	JB74425	JB74425-26	14.0 - 14.5 ft	8.5	-5.5	-6.0	08/19/2014	Y	0.80	J
A4A	P4-GA-A'4A	114-GA-A'4A-16.0-16.5	JB74425R	JB74425-27R	16.0 - 16.5 ft	8.5	-7.5	-8.0	08/19/2014	Y	8.0	J
A4A	P4-GA-A'4A	114-GA-A'4A-18.0-18.5	JB74425R	JB74425-28R	18.0 - 18.5 ft	8.5	-9.5	-10.0	08/19/2014	Y	92.0	J
A4A	P4-GA-A'4A	114-GA-A'4A-20.0-20.5	JB74425	JB74425-29	20.0 - 20.5 ft	8.5	-11.5	-12.0	08/19/2014	Y	54.3	J
A4B	114CC-A4B-PB	114-A4B-6.0-6.5-PB	JB11886	JB11886-5	6.0 - 6.5 ft	10.9	4.9	4.4	07/23/2012	Y	24.0	J
A4B	114CC-A4B-SW	114-A4B-1.2-1.7-SW	JB11886	JB11886-3	1.2 - 1.7 ft	10.5	9.3	8.8	07/23/2012	Y	188	J
A4B	114CC-A4B-SW	114-A4B-2.5-3.0-SW	JB11886	JB11886-2	2.5 - 3.0 ft	10.5	8.0	7.5	07/23/2012	Y	0.28	J
A4B	114CC-A4B-SW	114-A4B-4.5-5.0-SW	JB11886	JB11886-4	4.5 - 5.0 ft	10.5	6.0	5.5	07/23/2012	Y	0.54	J
A4B	BC8	BC8DS7-7.5	R2318284	669433	7.0 - 7.5 ft	10.9	3.9	3.4	09/03/2003	Y	< 6.13	U
A4B	BC8	BC8S7-7.5	R2318284	669432	7.0 - 7.5 ft	10.9	3.9	3.4	09/03/2003	Y	< 6.02	U
A4B	BC8	BC8DS9-9.5	R2318284	669429	9.0 - 9.5 ft	10.9	1.9	1.4	09/03/2003	Y	< 5.47	U

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A4B	BC8	BC8S9-9.5	R2318284	669423	9.0 - 9.5 ft	10.9	1.9	1.4	09/03/2003	Y	< 5.59	U
A4B	GAR-PDI-A4B	GAR-PDI-A4B-8.0-8.5	JC32403	JC32403-8	8.0 - 8.5 ft	11.1	3.1	2.6	11/28/2016	Y	< 0.31	U
A4B	GAR-PDI-A4B	GAR-PDI-A4B-8.5-9.0	JC32403	JC32403-9	8.5 - 9.0 ft	11.1	2.6	2.1	11/28/2016	Y	0.42	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-11.0-11.5	JC32403	JC32403-1	11.0 - 11.5 ft	11.1	0.1	-0.4	11/28/2016	Y	0.41	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-11.0-11.5X	JC32403	JC32403-2	11.0 - 11.5 ft	11.1	0.1	-0.4	11/28/2016	Y	< 0.35	U
A4B	GAR-PDI-A4B	GAR-PDI-A4B-13.0-13.5	JC32403	JC32403-3	13.0 - 13.5 ft	11.1	-1.9	-2.4	11/28/2016	Y	0.44	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-14.0-14.5	JC32403	JC32403-4	14.0 - 14.5 ft	11.1	-2.9	-3.4	11/28/2016	Y	0.99	
A4B	GAR-PDI-A4B	GAR-PDI-A4B-16.0-16.5	JC32403	JC32403-5	16.0 - 16.5 ft	11.1	-4.9	-5.4	11/28/2016	Y	0.75	
A4B	GAR-PDI-A4B	GAR-PDI-A4B-18.0-18.5	JC32403	JC32403-6	18.0 - 18.5 ft	11.1	-6.9	-7.4	11/28/2016	Y	0.61	
A4B	GAR-PDI-A4B	GAR-PDI-A4B-20.0-20.5	JC32403	JC32403-7	20.0 - 20.5 ft	11.1	-8.9	-9.4	11/28/2016	Y	1.4	
A4B	MW2AV	114-MW2A-VA 12-12.5	J11857	J11857-14	12.0 - 12.5 ft	10.8	-1.2	-1.7	10/06/2005	Y	< 1.2	U
A4B	GAR-PDI-A4B	GAR-PDI-A4B-1.0-1.5	JC30310	JC30310-13	1.0 - 1.5 ft	10.6	9.6	9.1	10/23/2016	Y	4.4	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-3.0-3.5	JC30310	JC30310-20	3.0 - 3.5 ft	10.6	7.6	7.1	10/23/2016	Y	< 0.31	UJ
A4B	GAR-PDI-A4B	GAR-PDI-A4B-3.0-3.5X	JC30310	JC30310-21	3.0 - 3.5 ft	10.6	7.6	7.1	10/23/2016	Y	< 0.31	UJ
A4B	GAR-PDI-A4B	GAR-PDI-A4B-5.0-5.5	JC30310	JC30310-22	5.0 - 5.5 ft	10.6	5.6	5.1	10/23/2016	Y	0.54	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-5.5-6.0	JC30780	JC30780-27	5.5 - 6.0 ft	10.6	5.1	4.6	10/30/2016	Y	1.3	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-6.0-6.5	JC30780	JC30780-28	6.0 - 6.5 ft	10.6	4.6	4.1	10/30/2016	Y	1.7	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-7.0-7.5	JC30310	JC30310-23	7.0 - 7.5 ft	10.6	3.6	3.1	10/23/2016	Y	1.3	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-9.0-9.5	JC30310	JC30310-24	9.0 - 9.5 ft	10.6	1.6	1.1	10/23/2016	Y	0.69	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-11.0-11.5	JC30310	JC30310-14	11.0 - 11.5 ft	10.6	-0.4	-0.9	10/23/2016	Y	0.76	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-13.0-13.5	JC30310	JC30310-15	13.0 - 13.5 ft	10.6	-2.4	-2.9	10/23/2016	Y	0.94	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-15.0-15.5	JC30310	JC30310-16	15.0 - 15.5 ft	10.6	-4.4	-4.9	10/23/2016	Y	0.35	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-17.0-17.5	JC30310	JC30310-17	17.0 - 17.5 ft	10.6	-6.4	-6.9	10/23/2016	Y	< 0.32	UJ
A4B	GAR-PDI-A4B	GAR-PDI-A4B-19.0-19.5	JC30310	JC30310-18	19.0 - 19.5 ft	10.6	-8.4	-8.9	10/23/2016	Y	7.1	J
A4B	GAR-PDI-A4B	GAR-PDI-A4B-20.0-20.5	JC30310	JC30310-19	20.0 - 20.5 ft	10.6	-9.4	-9.9	10/23/2016	Y	7.1	J
A5A	114CC-A'5A-PB	114-A'5A-6.0-6.5-PB	JB9928	JB9928-3	6.0 - 6.5 ft	10.3	4.3	3.8	06/27/2012	Y	0.27	J
A5A	114CC-A'5A-SW	114-A'5A-0.5-1.0-SW	JB9928R	JB9928-1R	0.5 - 1.0 ft	9.8	9.3	8.8	06/27/2012	Y	96.6	J
A5A	114CC-A'5A-SW	114-A'5A-2.5-3.0-SW	JB9928R	JB9928-2R	2.5 - 3.0 ft	9.8	7.3	6.8	06/27/2012	Y	42.3	J
A5A	114CC-A'5A-SW	114-A'5A-4.5-5.0-SW	JB9928	JB9928-5	4.5 - 5.0 ft	9.8	5.3	4.8	06/27/2012	Y	47.4	J
A5A	114-GA-A'5A	114-GA-A'5A-6.0-6.5	JB74337	JB74337-4	6.0 - 6.5 ft	8.7	2.7	2.2	08/18/2014	Y	0.92	J
A5A	114-GA-A'5A	114-GA-A'5A-8.0-8.5	JB74337	JB74337-5	8.0 - 8.5 ft	8.7	0.7	0.2	08/18/2014	Y	0.59	J
A5A	114-GA-A'5A	114-GA-A'5A-8.0-8.5X	JB74337R	JB74337-12R	8.0 - 8.5 ft	8.7	0.7	0.2	08/18/2014	Y	1.1	J
A5A	114-GA-A'5A	114-GA-A'5A-8.5-9.0	JB74337	JB74337-13	8.5 - 9.0 ft	8.7	0.2	-0.3	08/18/2014	Y	1.7	J
A5A	114-GA-A'5A	114-GA-A'5A-9.0-9.5	JB74337R	JB74337-28R	9.0 - 9.5 ft	8.7	-0.3	-0.8	08/18/2014	Y	0.85	J
A5A	114SWE-A'5A	114-A'5A-6.5-7.0	JB14196R	JB14196-1R	6.5 - 7.0 ft	10.3	3.8	3.3	08/20/2012	Y	0.21	J
A5B	114CC-A5B-PB	114-A5B-6.0-6.5-PB	JB11964R	JB11964-5R	6.0 - 6.5 ft	11.0	5.0	4.5	07/24/2012	Y	864	J
A5B	114CC-A5B-SW	114-A5B-1.0-1.5-SW	JB11964R	JB11964-3R	1.0 - 1.5 ft	10.7	9.7	9.2	07/24/2012	Y	169	J
A5B	114CC-A5B-SW	114-A5B-2.5-3.0-SW	JB11964	JB11964-2	2.5 - 3.0 ft	10.7	8.2	7.7	07/24/2012	Y	91.4	J
A5B	114CC-A5B-SW	114-A5B-4.5-5.0-SW	JB11964	JB11964-4	4.5 - 5.0 ft	10.7	6.2	5.7	07/24/2012	Y	1.2	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-18.0-18.5	JC32403	JC32403-10	18.0 - 18.5 ft	11.0	-7.0	-7.5	11/28/2016	Y	5.4	
A5B	GAR-PDI-A5B	GAR-PDI-A5B-20.0-20.5	JC32403	JC32403-11	20.0 - 20.5 ft	11.0	-9.0	-9.5	11/28/2016	Y	2.6	
A5B	P4-GA-A5B	114-GA-A5B-0.0-0.5	JB74714	JB74714-12	0.0 - 0.5 ft	9.5	9.5	9.0	08/21/2014	Y	0.43	J
A5B	P4-GA-A5B	114-GA-A5B-5.5-6.0	JB74714	JB74714-13	5.5 - 6.0 ft	9.5	4.0	3.5	08/21/2014	Y	143	J
A5B	P4-GA-A5B	114-GA-A5B-7.5-8.0	JB74714	JB74714-14	7.5 - 8.0 ft	9.5	4.0	3.5	08/21/2014	Y	120	J
A5B	P4-GA-A5B	114-GA-A5B-9.5-10.0	JB74714	JB74714-15	9.5 - 10.0 ft	9.5	0.0	-0.5	08/21/2014	Y	21.4	J
A5B	P4-GA-A5B	114-GA-A5B-10.5-11.0	JB74714	JB74714-16	10.5 - 11.0 ft	9.5	-1.0	-1.5	08/21/2014	Y	99.8	J
A5B	P4-GA-A5B	114-GA-A5B-11.0-11.5	JB74714	JB74714-17	11.0 - 11.5 ft	9.5	-1.5	-2.0	08/21/2014	Y	78.9	J
A5B	P4-GA-A5B	114-GA-A5B-13.0-13.5	JB74714	JB74714-18	13.0 - 13.5 ft	9.5	-3.5	-4.0	08/21/2014	Y	82.4	J
A5B	P4-GA-A5B	114-GA-A5B-15.0-15.5	JB74714	JB74714-19	15.0 - 15.5 ft	9.5	-5.5	-6.0	08/21/2014	Y	140	J
A5B	P4-GA-A5B	114-GA-A5B-17.0-17.5	JB74714	JB74714-20	17.0 - 17.5 ft	9.5	-7.5	-8.0	08/21/2014	Y	0.69	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-1.5-2.0	JC30310	JC30310-25	1.5 - 2.0 ft	10.7	9.2	8.7	10/23/2016	Y	1.3	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A5B	GAR-PDI-A5B	GAR-PDI-A5B-3.5-4.0	JC30310	JC30310-32	3.5 - 4.0 ft	10.7	7.2	6.7	10/23/2016	Y	50.9	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-5.0-5.5	JC30780	JC30780-29	5.0 - 5.5 ft	10.7	5.7	5.2	10/30/2016	Y	12.8	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-5.5-6.0	JC30310	JC30310-33	5.5 - 6.0 ft	10.7	5.2	4.7	10/23/2016	Y	3.3	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-7.5-8.0	JC30310	JC30310-34	7.5 - 8.0 ft	10.7	3.2	2.7	10/23/2016	Y	0.47	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-9.5-10.0	JC30310	JC30310-35	9.5 - 10.0 ft	10.7	1.2	0.7	10/23/2016	Y	0.99	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-11.5-12.0	JC30310	JC30310-26	11.5 - 12.0 ft	10.7	-0.8	-1.3	10/23/2016	Y	8.4	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-13.5-14.0	JC30310	JC30310-27	13.5 - 14.0 ft	10.7	-2.8	-3.3	10/23/2016	Y	6.9	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-15.5-16.0	JC30310	JC30310-28	15.5 - 16.0 ft	10.7	-4.8	-5.3	10/23/2016	Y	9.4	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-17.5-18.0	JC30310	JC30310-29	17.5 - 18.0 ft	10.7	-6.8	-7.3	10/23/2016	Y	6.3	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-19.5-20.0	JC30310	JC30310-30	19.5 - 20.0 ft	10.7	-8.8	-9.3	10/23/2016	Y	10.3	J
A5B	GAR-PDI-A5B	GAR-PDI-A5B-20.0-20.5	JC30310	JC30310-31	20.0 - 20.5 ft	10.7	-9.3	-9.8	10/23/2016	Y	0.51	J
A6A	114CC-A6A-PB	114-A6A-6.0-6.5-PB	JB9718	JB9718-3	6.0 - 6.5 ft	10.4	4.4	3.9	06/25/2012	Y	< 0.25	UU
A6A	114CC-A6A-SW	114-A6A-0.5-1.0-SW	JB9718	JB9718-5	0.5 - 1.0 ft	9.9	9.4	8.9	06/25/2012	Y	138	J
A6A	114CC-A6A-SW	114-A6A-2.5-3.0-SW	JB9718	JB9718-2	2.5 - 3.0 ft	9.9	7.4	6.9	06/25/2012	Y	< 0.24	UU
A6A	114CC-A6A-SW	114-A6A-4.5-5.0-SW	JB9718	JB9718-1	4.5 - 5.0 ft	9.9	5.4	4.9	06/25/2012	Y	< 0.31	UU
A6A	114SWE-A6A	114-A6A-6.5-7.0	JB12602R	JB12602-1AR	6.5 - 7.0 ft	10.7	4.2	3.7	07/31/2012	Y	7.8	J
A6A	GAR-PDI-A6A	GAR-PDI-A6A-6.0-6.5	JC31963	JC31963-6	6.0 - 6.5 ft	10.5	4.5	4.0	11/17/2016	Y	< 0.34	UU
A6A	GAR-PDI-A6A	GAR-PDI-A6A-6.5-7.0	JC31963R	JC31963-7R	6.5 - 7.0 ft	10.5	4.0	3.5	11/17/2016	Y	1.1	J
A6A	GAR-PDI-A6A	GAR-PDI-A6A-8.0-8.5	JC31963R	JC31963-8R	8.0 - 8.5 ft	10.5	2.5	2.0	11/17/2016	Y	0.98	J
A6A	GAR-PDI-A6A	GAR-PDI-A6A-10.0-10.5	JC31963R	JC31963-2R	10.0 - 10.5 ft	10.5	0.5	0.0	11/17/2016	Y	0.77	J
A6A	GAR-PDI-A6A	GAR-PDI-A6A-14.0-14.5	JC31963R	JC31963-3R	14.0 - 14.5 ft	10.5	-3.5	-4.0	11/17/2016	Y	18.8	J
A6A	GAR-PDI-A6A	GAR-PDI-A6A-16.0-16.5	JC31963	JC31963-4	16.0 - 16.5 ft	10.5	-5.5	-6.0	11/17/2016	Y	8.7	J
A6A	GAR-PDI-A6A	GAR-PDI-A6A-18.0-18.5	JC31963	JC31963-5	18.0 - 18.5 ft	10.5	-7.5	-8.0	11/17/2016	Y	9.3	J
A6A	GAR-PDI-A6A	GAR-PDI-A6A-20.0-20.5	JC31963	JC31963-28	20.0 - 20.5 ft	10.5	-9.5	-10.0	11/17/2016	Y	12.7	J
A6B	114CC-A6B-PB	114-A6B-6.0-6.5-PB	JB12208	JB12208-2	6.0 - 6.5 ft	11.1	5.1	4.6	07/26/2012	Y	374	J
A6B	114CC-A6B-SW	114-A6B-0.5-1.0-SW	JB12208	JB12208-3	0.5 - 1.0 ft	10.8	10.3	9.8	07/26/2012	Y	49.3	J
A6B	114CC-A6B-SW	114-A6B-2.5-3.0-SW	JB12208	JB12208-4	2.5 - 3.0 ft	10.8	8.3	7.8	07/26/2012	Y	75.6	J
A6B	114CC-A6B-SW	114-A6B-2.5-3.0-SWX	JB12208	JB12208-5	2.5 - 3.0 ft	10.8	8.3	7.8	07/26/2012	Y	59.4	J
A6B	114CC-A6B-SW	114-A6B-4.5-5.0-SW	JB12208	JB12208-6	4.5 - 5.0 ft	10.8	6.3	5.8	07/26/2012	Y	101	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-7.5-8.0	JC32469	JC32469-8	7.5 - 8.0 ft	11.1	3.6	3.1	11/29/2016	Y	209	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-7.5-8.0X	JC32469	JC32469-9	7.5 - 8.0 ft	11.1	3.6	3.1	11/29/2016	Y	168	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-8.0-8.5	JC32469	JC32469-10	8.0 - 8.5 ft	11.1	3.1	2.6	11/29/2016	Y	154	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-10.0-10.5	JC32469	JC32469-2	10.0 - 10.5 ft	11.1	1.1	0.6	11/29/2016	Y	131	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-12.0-12.5	JC32469	JC32469-3	12.0 - 12.5 ft	11.1	-0.9	-1.4	11/29/2016	Y	114	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-14.0-14.5	JC32469	JC32469-4	14.0 - 14.5 ft	11.1	-2.9	-3.4	11/29/2016	Y	153	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-16.0-16.5	JC32469	JC32469-5	16.0 - 16.5 ft	11.1	-4.9	-5.4	11/29/2016	Y	101	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-18.0-18.5	JC32469	JC32469-6	18.0 - 18.5 ft	11.1	-6.9	-7.4	11/29/2016	Y	110	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-20.0-20.5	JC32469R	JC32469-7R	20.0 - 20.5 ft	11.1	-8.9	-9.4	11/29/2016	Y	36.9	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-1.5-2.0	JC30310	JC30310-36	1.5 - 2.0 ft	11.0	9.5	9.0	10/23/2016	Y	9.5	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-3.5-4.0	JC30310	JC30310-44	3.5 - 4.0 ft	11.0	7.5	7.0	10/23/2016	Y	3.8	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-5.0-5.5	JC30780T	JC30780-30T	5.0 - 5.5 ft	11.0	6.0	5.5	10/30/2016	Y	0.81	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-5.5-6.0	JC30310	JC30310-45	5.5 - 6.0 ft	11.0	5.5	5.0	10/23/2016	Y	1.0	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-7.5-8.0	JC30310	JC30310-46	7.5 - 8.0 ft	11.0	3.5	3.0	10/23/2016	Y	0.52	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-9.5-10.0	JC30310	JC30310-47	9.5 - 10.0 ft	11.0	1.5	1.0	10/23/2016	Y	25.3	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-11.5-12.0	JC30310	JC30310-37	11.5 - 12.0 ft	11.0	-0.5	-1.0	10/23/2016	Y	0.93	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-13.5-14.0	JC30310	JC30310-38	13.5 - 14.0 ft	11.0	-2.5	-3.0	10/23/2016	Y	0.41	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-13.5-14.0X	JC30310	JC30310-39	13.5 - 14.0 ft	11.0	-2.5	-3.0	10/23/2016	Y	0.55	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-15.5-16.0	JC30310	JC30310-40	15.5 - 16.0 ft	11.0	-4.5	-5.0	10/23/2016	Y	1.9	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-17.5-18.0	JC30310	JC30310-41	17.5 - 18.0 ft	11.0	-6.5	-7.0	10/23/2016	Y	1.4	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-19.5-20.0	JC30310	JC30310-42	19.5 - 20.0 ft	11.0	-8.5	-9.0	10/23/2016	Y	0.96	J
A6B	GAR-PDI-A6B	GAR-PDI-A6B-20.0-20.5	JC30310	JC30310-43	20.0 - 20.5 ft	11.0	-9.0	-9.5	10/23/2016	Y	0.56	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A7A	114CC-A 7A-PB	114-A 7A-6.0-6.5-PB	JB9609R	JB9609-5R	6.0 - 6.5 ft	10.6	4.6	4.1	06/22/2012	Y	0.32	J
A7A	114CC-A 7A-SW	114-A 7A-0.5-1.0-SW	JB9609	JB9609-1	0.5 - 1.0 ft	10.1	9.6	9.1	06/22/2012	Y	0.24	J
A7A	114CC-A 7A-SW	114-A 7A-2.5-3.0-SW	JB9609	JB9609-2	2.5 - 3.0 ft	10.1	7.6	7.1	06/22/2012	Y	0.27	J
A7A	114CC-A 7A-SW	114-A 7A-4.5-5.0-SW	JB9609R	JB9609-3R	4.5 - 5.0 ft	10.1	5.6	5.1	06/22/2012	Y	< 0.23	UJ
A7A	114-GA-A 7A	114-GA-A 7A-6.0-6.5	JB74337	JB74337-17	6.0 - 6.5 ft	8.9	2.9	2.4	08/18/2014	Y	0.31	J
A7A	114-GA-A 7A	114-GA-A 7A-8.0-8.5	JB74337	JB74337-18	8.0 - 8.5 ft	8.9	0.9	0.4	08/18/2014	Y	0.57	J
A7A	114-GA-A 7A	114-GA-A 7A-8.5-9.0	JB74337	JB74337-19	8.5 - 9.0 ft	8.9	0.4	-0.1	08/18/2014	Y	3.7	J
A7A	114-GA-A 7A	114-GA-A 7A-9.0-9.5	JB74337R	JB74337-20R	9.0 - 9.5 ft	8.9	-0.1	-0.6	08/18/2014	Y	0.80	J
A7A	114SWE-A 7A	114-A 7A-6.5-7.0	JB12661	JB12661-2	6.5 - 7.0 ft	10.6	4.1	3.6	08/01/2012	Y	< 0.19	UJ
A7A	114SWE-A 7A	114-A 7A/A7A-8.5-9.0	JB12661	JB12661-3	8.5 - 9.0 ft	10.6	2.1	1.6	08/01/2012	Y	< 0.14	UJ
A7A	114SWE-A 7A	114-A 7A/A7A-10.5-11.0	JB12661	JB12661-4	10.5 - 11.0 ft	10.6	0.1	-0.4	08/01/2012	Y	< 0.15	UJ
A7A	114SWE-A 7A	114-A 7A/A7A-10.5-11.0X	JB12661	JB12661-5	10.5 - 11.0 ft	10.6	0.1	-0.4	08/01/2012	Y	< 0.14	UJ
A7A	A6	A6S0-5	R2318257	668994	0.0 - 0.5 ft	10.5	10.5	10.0	09/02/2003	Y	36.4	J
A7A	A6	A6S4-4.5	R2318257	668996	4.0 - 4.5 ft	10.5	6.5	6.0	09/02/2003	Y	< 4.67	UJ
A7A	A6	A6S6-5-7	R2318257	668997	6.5 - 7.0 ft	10.5	4.0	3.5	09/02/2003	Y	< 4.65	UJ
A7A	A6	A6S8-5-9	R2318257	668998	8.5 - 9.0 ft	10.5	2.0	1.5	09/02/2003	Y	< 5.2	UJ
A7A	GB	GB0-4-0.9	R2420545	712573	0.4 - 0.9 ft	10.2	9.8	9.3	03/15/2004	Y	20.6	
A7A	GB	GB1-5-2	R2420545	712574	1.5 - 2.0 ft	10.2	8.7	8.2	03/15/2004	Y	48.4	
A7A	GB	GB4-4.5	R2420545	712575	4.0 - 4.5 ft	10.2	6.2	5.7	03/15/2004	Y	< 5.13	U
A7B	114CC-A7B-PB	114-A7B-6.0-6.5-PB	JB12366R	JB12366-5R	6.0 - 6.5 ft	11.4	5.4	4.9	07/27/2012	Y	1530	J
A7B	114CC-A7B-SW	114-A7B-0.5-1.0-SW	JB12366R	JB12366-3R	0.5 - 1.0 ft	10.7	10.2	9.7	07/27/2012	Y	2.4	J
A7B	114CC-A7B-SW	114-A7B-2.5-3.0-SW	JB12366	JB12366-4	2.5 - 3.0 ft	10.7	8.2	7.7	07/27/2012	Y	156	J
A7B	114CC-A7B-SW	114-A7B-4.5-5.0-SW	JB12366	JB12366-2	4.5 - 5.0 ft	10.7	6.2	5.7	07/27/2012	Y	92.7	J
A7B	C9	C9S7-7.5	R2318284	669418	7.0 - 7.5 ft	11.5	4.5	4.0	09/03/2003	Y	4840	J
A7B	C9	C9DS21-5-22	R2318284	669443	21.5 - 22.0 ft	11.5	-10.0	-10.5	09/03/2003	Y	57.9	J
A7B	C9	C9S21-5-22	R2318284	669438	21.5 - 22.0 ft	11.5	-10.0	-10.5	09/03/2003	Y	56.1	J
A7B	C9	C9DS24-24.5	R2318284	669445	24.0 - 24.5 ft	11.5	-12.5	-13.0	09/03/2003	Y	21.2	J
A7B	C9	C9S24-24.5	R2318284	669444	24.0 - 24.5 ft	11.5	-12.5	-13.0	09/03/2003	Y	29.1	J
A7B	C9V	114-C9VA 25-25.5	J11857	J11857-11	25.0 - 25.5 ft	11.4	-13.6	-14.1	10/06/2005	Y	19.2	
A7B	P4-GA-A7B	114-GA-A7B-5.5-6.0	JB74833	JB74833-1	5.5 - 6.0 ft	9.4	3.9	3.4	08/22/2014	Y	868	
A7B	P4-GA-A7B	114-GA-A7B-5.5-6.0X	JB74833	JB74833-2	5.5 - 6.0 ft	9.4	3.9	3.4	08/22/2014	Y	723	
A7B	P4-GA-A7B	114-GA-A7B-6.0-6.5	JB74833	JB74833-3	6.0 - 6.5 ft	9.4	3.4	2.9	08/22/2014	Y	668	
A7B	P4-GA-A7B	114-GA-A7B-8.0-8.5	JB74833	JB74833-4	8.0 - 8.5 ft	9.4	1.4	0.9	08/22/2014	Y	28.7	
A7B	P4-GA-A7B	114-GA-A7B-10.0-10.5	JB74833	JB74833-5	10.0 - 10.5 ft	9.4	-0.6	-1.1	08/22/2014	Y	664	
A7B	P4-GA-A7B	114-GA-A7B-12.0-12.5	JB74833	JB74833-6	12.0 - 12.5 ft	9.4	-2.6	-3.1	08/22/2014	Y	199	
A7B	P4-GA-A7B	114-GA-A7B-14.0-14.5	JB74833	JB74833-7	14.0 - 14.5 ft	9.4	-4.6	-5.1	08/22/2014	Y	148	
A7B	P4-GA-A7B	114-GA-A7B-16.0-16.5	JB74833	JB74833-8	16.0 - 16.5 ft	9.4	-6.6	-7.1	08/22/2014	Y	64.5	
A7B	P4-GA-A7B	114-GA-A7B-18.0-18.5	JB74833	JB74833-9	18.0 - 18.5 ft	9.4	-8.6	-9.1	08/22/2014	Y	6.1	
A7B	P4-GA-A7B	114-GA-A7B-20.0-20.5	JB74833	JB74833-10	20.0 - 20.5 ft	9.4	-10.6	-11.1	08/22/2014	Y	25.1	
A7B	GAR-PDI-A7B	GAR-PDI-A7B-0.5-1.0	JC36395	JC36395-1	0.5 - 1.0 ft	11.5	11.0	10.5	01/29/2017	Y	1.4	J
A7B	GAR-PDI-A7B	GAR-PDI-A7B-2.0-2.5	JC36395R	JC36395-5R	2.0 - 2.5 ft	11.5	9.5	9.0	01/29/2017	Y	2.5	J
A7B	GAR-PDI-A7B	GAR-PDI-A7B-6.0-6.5	JC36395	JC36395-7	6.0 - 6.5 ft	11.5	5.5	5.0	01/29/2017	Y	< 0.38	UJ
A7B	GAR-PDI-A7B	GAR-PDI-A7B-6.5-7.0	JC36395	JC36395-8	6.5 - 7.0 ft	11.5	5.0	4.5	01/29/2017	Y	< 0.36	UJ
A7B	GAR-PDI-A7B	GAR-PDI-A7B-7.0-7.5	JC36395	JC36395-9	7.0 - 7.5 ft	11.5	4.5	4.0	01/29/2017	Y	1.1	J
A7B	GAR-PDI-A7B	GAR-PDI-A7B-10.0-10.5	JC36395	JC36395-2	10.0 - 10.5 ft	11.5	1.5	1.0	01/29/2017	Y	< 0.33	UJ
A7B	GAR-PDI-A7B	GAR-PDI-A7B-14.0-14.5	JC36395	JC36395-3	14.0 - 14.5 ft	11.5	-2.5	-3.0	01/29/2017	Y	0.34	J
A7B	GAR-PDI-A7B	GAR-PDI-A7B-18.0-18.5	JC36395	JC36395-4	18.0 - 18.5 ft	11.5	-6.5	-7.0	01/29/2017	Y	0.39	J
A7B	GE	GE4.1-4.6	R2420565	712769	4.1 - 4.6 ft	10.8	6.7	6.2	03/16/2004	Y	< 5.37	UJ
A7B	GE	GE 5.6-6.1	R2420565	712770	5.6 - 6.1 ft	10.8	5.2	4.7	03/16/2004	Y	< 5.4	UJ
A7B	GE	GE 8.1-8.6	R2420565	712771	8.1 - 8.6 ft	10.8	2.7	2.2	03/16/2004	Y	< 4.98	UJ
A7B	GE	GE12.1-12.6	R2420565	712772	12.1 - 12.6 ft	10.8	-1.3	-1.8	03/16/2004	Y	< 4.8	UJ

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A7B	GE	GE16.1-16.6	R2420565	712773	16.1 - 16.6 ft	10.8	-5.3	-5.8	03/16/2004	Y	< 4.58	UJ
A7B	GE	GE20.5-21.0	R2420565	712774	20.5 - 21.0 ft	10.8	-9.7	-10.2	03/16/2004	Y	< 4.61	UJ
A7B	GE	GE24.5-25	R2420565	712775	24.5 - 25.0 ft	10.8	-13.7	-14.2	03/16/2004	Y	< 4.73	UJ
A8A	A'-8A	114-A'-8A-0.0	460314021	460-31402-12	0.0 - 0.5 ft	10.8	10.8	10.3	09/21/2011	Y	6.7	J
A8A	A'-8A	114-A'-8A-2.0	460314021	460-31402-13	2.0 - 2.5 ft	10.8	8.8	8.3	09/21/2011	Y	< 0.59	UJ
A8A	A'-8A	114-A'-8A-5.0	460314021	460-31402-14	5.0 - 5.5 ft	10.8	5.8	5.3	09/21/2011	Y	< 0.64	UJ
A8A	A'-8A	114-A'-8A-6.0	460314021	460-31402-15	6.0 - 6.5 ft	10.8	4.8	4.3	09/21/2011	Y	< 0.65	UJ
A8A	A'-8A	114-A'-8A-6.0X	460314021	460-31402-17	6.0 - 6.5 ft	10.8	4.8	4.3	09/21/2011	Y	< 0.62	UJ
A8A	A'-8A	114-A'-8A-10.0	460314021	460-31402-16	10.0 - 10.5 ft	10.8	0.8	0.3	09/21/2011	Y	< 0.67	UJ
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-6.0-6.5	JC31517	JC31517-24	6.0 - 6.5 ft	10.8	4.8	4.3	11/10/2016	Y	0.38	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-7.5-8.0	JC31517R	JC31517-25R	7.5 - 8.0 ft	10.8	3.3	2.8	11/10/2016	Y	1.0	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-7.5-8.0X	JC31517R	JC31517-26R	7.5 - 8.0 ft	10.8	3.3	2.8	11/10/2016	Y	0.45	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-8.0-8.5	JC31517R	JC31517-27R	8.0 - 8.5 ft	10.8	2.8	2.3	11/10/2016	Y	2.1	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-10.0-10.5	JC31517	JC31517-18	10.0 - 10.5 ft	10.8	0.8	0.3	11/10/2016	Y	0.57	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-12.0-12.5	JC31517R	JC31517-19R	12.0 - 12.5 ft	10.8	-1.2	-1.7	11/10/2016	Y	2.6	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-14.0-14.5	JC31517	JC31517-20	14.0 - 14.5 ft	10.8	-3.2	-3.7	11/10/2016	Y	151	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-16.0-16.5	JC31517	JC31517-21	16.0 - 16.5 ft	10.8	-5.2	-5.7	11/10/2016	Y	31.9	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-18.0-18.5	JC31517	JC31517-22	18.0 - 18.5 ft	10.8	-7.2	-7.7	11/10/2016	Y	16.5	J
A8A	GAR-PDI-A'8A	GAR-PDI-A'8A-20.0-20.5	JC31517R	JC31517-23R	20.0 - 20.5 ft	10.8	-9.2	-9.7	11/10/2016	Y	7.3	J
A8B	114CC-A8B-SW	114-A8B-0.5-1.0-SW	JB12458	JB12458-3	0.5 - 1.0 ft	10.8	10.3	9.8	07/30/2012	Y	102	J
A8B	114CC-A8B-SW	114-A8B-2.5-3.0-SW	JB12458R	JB12458-4R	2.5 - 3.0 ft	10.8	8.3	7.8	07/30/2012	Y	213	J
A8B	114CC-A8B-SW	114-A8B-4.5-5.0-SW	JB12458	JB12458-2	4.5 - 5.0 ft	10.8	6.3	5.8	07/30/2012	Y	941	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-8.0-8.5	JC32158	JC32158-11	8.0 - 8.5 ft	11.3	3.3	2.8	11/21/2016	Y	1820	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-8.0-8.5X	JC32158	JC32158-12	8.0 - 8.5 ft	11.3	3.3	2.8	11/21/2016	Y	1640	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-10.0-10.5	JC32158	JC32158-4	10.0 - 10.5 ft	11.3	1.3	0.8	11/21/2016	Y	861	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-12.0-12.5	JC32158	JC32158-5	12.0 - 12.5 ft	11.3	-0.7	-1.2	11/21/2016	Y	30.8	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-12.5-13.0	JC32158	JC32158-6	12.5 - 13.0 ft	11.3	-1.2	-1.7	11/21/2016	Y	115	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-14.0-14.5	JC32158	JC32158-7	14.0 - 14.5 ft	11.3	-2.7	-3.2	11/21/2016	Y	56.1	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-16.0-16.5	JC32158	JC32158-8	16.0 - 16.5 ft	11.3	-4.7	-5.2	11/21/2016	Y	40.1	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-18.0-18.5	JC32158	JC32158-9	18.0 - 18.5 ft	11.3	-6.7	-7.2	11/21/2016	Y	64.6	J
A8B	GAR-PDI-A8B	GAR-PDI-A8B-20.0-20.5	JC32158	JC32158-10	20.0 - 20.5 ft	11.3	-8.7	-9.2	11/21/2016	Y	125	J
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-0.5-1.0	JC37505R	JC37505-1R	0.5 - 1.0 ft	11.6	11.1	10.6	02/19/2017	Y	1.2	J
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-1.0-1.5	JC37505	JC37505-2	1.0 - 1.5 ft	11.6	10.6	10.1	02/19/2017	Y	< 0.37	UJ
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-3.0-3.5	JC37505	JC37505-9	3.0 - 3.5 ft	11.6	8.6	8.1	02/19/2017	Y	0.49	J
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-5.0-5.5	JC37505	JC37505-10	5.0 - 5.5 ft	11.6	6.6	6.1	02/19/2017	Y	< 0.37	UJ
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-6.5-7.0	JC37505	JC37505-11	6.5 - 7.0 ft	11.6	5.1	4.6	02/19/2017	Y	< 0.36	UJ
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-6.5-7.0X	JC37505	JC37505-12	6.5 - 7.0 ft	11.6	5.1	4.6	02/19/2017	Y	< 0.36	UJ
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-7.0-7.5	JC37505	JC37505-13	7.0 - 7.5 ft	11.6	4.6	4.1	02/19/2017	Y	< 0.36	UJ
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-9.0-9.5	JC37505	JC37505-14	9.0 - 9.5 ft	11.6	2.6	2.1	02/19/2017	Y	0.85	J
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-11.0-11.5	JC37505	JC37505-3	11.0 - 11.5 ft	11.6	0.6	0.1	02/19/2017	Y	< 0.32	U
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-13.0-13.5	JC37505	JC37505-4	13.0 - 13.5 ft	11.6	-1.4	-1.9	02/19/2017	Y	0.58	J
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-15.0-15.5	JC37505	JC37505-5	15.0 - 15.5 ft	11.6	-3.4	-3.9	02/19/2017	Y	0.53	J
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-17.0-17.5	JC37505	JC37505-6	17.0 - 17.5 ft	11.6	-5.4	-5.9	02/19/2017	Y	0.65	J
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-19.0-19.5	JC37505	JC37505-7	19.0 - 19.5 ft	11.6	-7.4	-7.9	02/19/2017	Y	2.5	J
A8B	GAR-PDI-A'8B	GAR-PDI-A'8B-20.0-20.5	JC37505	JC37505-8	20.0 - 20.5 ft	11.6	-8.4	-8.9	02/19/2017	Y	0.65	J
A9A	114CC-A'9A-PB	114-A'9A-6.0-6.5-PB	JB9375	JB9375-4	6.0 - 6.5 ft	10.9	4.9	4.4	06/20/2012	Y	< 0.23	UJ
A9A	114CC-A'9A-SW	114-A'9A-0.5-1.0-SW	JB9375	JB9375-1	0.5 - 1.0 ft	10.4	9.9	9.4	06/20/2012	Y	26.3	J
A9A	114CC-A'9A-SW	114-A'9A-2.5-3.0-SW	JB9375	JB9375-2	2.5 - 3.0 ft	10.4	7.9	7.4	06/20/2012	Y	< 0.24	UJ
A9A	114CC-A'9A-SW	114-A'9A-4.5-5.0-SW	JB9375	JB9375-3	4.5 - 5.0 ft	10.4	5.9	5.4	06/20/2012	Y	< 0.26	UJ
A9A	GAR-PDI-A'9A	GAR-PDI-A'9A-8.0-8.5	JC31517R	JC31517-35R	8.0 - 8.5 ft	11.1	3.1	2.6	11/10/2016	Y	2.7	J
A9A	GAR-PDI-A'9A	GAR-PDI-A'9A-10.0-10.5	JC31517	JC31517-28	10.0 - 10.5 ft	11.1	1.1	0.6	11/10/2016	Y	3.3	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
A9A	GAR-PDI-A9A	GAR-PDI-A9A-10.5-11.0	JC31517	JC31517-29	10.5 - 11.0 ft	11.1	0.6	0.1	11/10/2016	Y	1.6	J
A9A	GAR-PDI-A9A	GAR-PDI-A9A-12.0-12.5	JC31517R	JC31517-30R	12.0 - 12.5 ft	11.1	-0.9	-1.4	11/10/2016	Y	1.7	J
A9A	GAR-PDI-A9A	GAR-PDI-A9A-14.0-14.5	JC31517	JC31517-31	14.0 - 14.5 ft	11.1	-2.9	-3.4	11/10/2016	Y	62.1	J
A9A	GAR-PDI-A9A	GAR-PDI-A9A-16.0-16.5	JC31517R	JC31517-32R	16.0 - 16.5 ft	11.1	-4.9	-5.4	11/10/2016	Y	14.0	J
A9A	GAR-PDI-A9A	GAR-PDI-A9A-18.0-18.5	JC31517	JC31517-33	18.0 - 18.5 ft	11.1	-6.9	-7.4	11/10/2016	Y	45.6	J
A9A	GAR-PDI-A9A	GAR-PDI-A9A-20.0-20.5	JC31517R	JC31517-34R	20.0 - 20.5 ft	11.1	-8.9	-9.4	11/10/2016	Y	15.4	J
B0	GAR-PDI-B0	GAR-PDI-B0-0.5-1.0	JC35528	JC35528-1	0.5 - 1.0 ft	10.6	10.1	9.6	01/15/2017	Y	5.7	J
B0	GAR-PDI-B0	GAR-PDI-B0-2.5-3.0	JC35528	JC35528-7	2.5 - 3.0 ft	10.6	8.1	7.6	01/15/2017	Y	0.48	J
B0	GAR-PDI-B0	GAR-PDI-B0-4.5-5.0X	JC35528R	JC35528-8R	2.5 - 3.0 ft	10.6	8.1	7.6	01/15/2017	Y	0.47	J
B0	GAR-PDI-B0	GAR-PDI-B0-4.5-5.0	JC35528	JC35528-10	4.5 - 5.0 ft	10.6	6.1	5.6	01/15/2017	Y	0.63	J
B0	GAR-PDI-B0	GAR-PDI-B0-6.5-7.0	JC35528R	JC35528-11R	6.5 - 7.0 ft	10.6	4.1	3.6	01/15/2017	Y	1.1	J
B0	GAR-PDI-B0	GAR-PDI-B0-7.5-8.0	JC35528	JC35528-12	7.5 - 8.0 ft	10.6	3.1	2.6	01/15/2017	Y	9.6	J
B0	GAR-PDI-B0	GAR-PDI-B0-8.0-8.5	JC35528R	JC35528-13R	8.0 - 8.5 ft	10.6	2.6	2.1	01/15/2017	Y	0.51	J
B0	GAR-PDI-B0	GAR-PDI-B0-10.0-10.5	JC35528	JC35528-2	10.0 - 10.5 ft	10.6	0.6	0.1	01/15/2017	Y	0.65	J
B0	GAR-PDI-B0	GAR-PDI-B0-12.0-12.5	JC35528R	JC35528-3R	12.0 - 12.5 ft	10.6	-1.4	-1.9	01/15/2017	Y	0.59	J
B0	GAR-PDI-B0	GAR-PDI-B0-14.0-14.5	JC35528R	JC35528-4R	14.0 - 14.5 ft	10.6	-3.4	-3.9	01/15/2017	Y	0.65	J
B0	GAR-PDI-B0	GAR-PDI-B0-16.0-16.5	JC35528	JC35528-5	16.0 - 16.5 ft	10.6	-5.4	-5.9	01/15/2017	Y	< 0.31	UJ
B0	GAR-PDI-B0	GAR-PDI-B0-18.0-18.5	JC35528	JC35528-6	18.0 - 18.5 ft	10.6	-7.4	-7.9	01/15/2017	Y	0.47	J
B0	GAR-PDI-B0	GAR-PDI-B0-20.0-20.5	JC35528	JC35528-9	20.0 - 20.5 ft	10.6	-9.4	-9.9	01/15/2017	Y	0.61	J
B10A	GAR-PDI-B10A	GAR-PDI-B10A-0.5-1.0	JC32140	JC32140-2	0.5 - 1.0 ft	11.0	10.5	10.0	11/20/2016	Y	0.56	J
B10A	GAR-PDI-B10A	GAR-PDI-B10A-2.0-2.5	JC32140	JC32140-8	2.0 - 2.5 ft	11.0	9.0	8.5	11/20/2016	Y	< 0.33	U
B10A	GAR-PDI-B10A	GAR-PDI-B10A-4.0-4.5	JC32140	JC32140-10	4.0 - 4.5 ft	11.0	7.0	6.5	11/20/2016	Y	< 0.33	UJ
B10A	GAR-PDI-B10A	GAR-PDI-B10A-6.0-6.5	JC32140	JC32140-11	6.0 - 6.5 ft	11.0	5.0	4.5	11/20/2016	Y	< 0.33	UJ
B10A	GAR-PDI-B10A	GAR-PDI-B10A-8.0-8.5	JC32140	JC32140-12	8.0 - 8.5 ft	11.0	3.0	2.5	11/20/2016	Y	< 0.35	UJ
B10A	GAR-PDI-B10A	GAR-PDI-B10A-8.5-9.0	JC32140	JC32140-13	8.5 - 9.0 ft	11.0	2.5	2.0	11/20/2016	Y	< 0.34	UJ
B10A	GAR-PDI-B10A	GAR-PDI-B10A-9.0-9.5	JC32140	JC32140-14	9.0 - 9.5 ft	11.0	2.0	1.5	11/20/2016	Y	0.43	J
B10A	GAR-PDI-B10A	GAR-PDI-B10A-10.0-10.5	JC32140	JC32140-3	10.0 - 10.5 ft	11.0	1.0	0.5	11/20/2016	Y	8.3	J
B10A	GAR-PDI-B10A	GAR-PDI-B10A-12.0-12.5	JC32140	JC32140-4	12.0 - 12.5 ft	11.0	-1.0	-1.5	11/20/2016	Y	5.0	J
B10A	GAR-PDI-B10A	GAR-PDI-B10A-14.0-14.5	JC32140	JC32140-5	14.0 - 14.5 ft	11.0	-3.0	-3.5	11/20/2016	Y	10.4	J
B10A	GAR-PDI-B10A	GAR-PDI-B10A-16.0-16.5	JC32140	JC32140-6	16.0 - 16.5 ft	11.0	-5.0	-5.5	11/20/2016	Y	7.8	J
B10A	GAR-PDI-B10A	GAR-PDI-B10A-18.0-18.5	JC32140	JC32140-7	18.0 - 18.5 ft	11.0	-7.0	-7.5	11/20/2016	Y	7.7	J
B10A	GAR-PDI-B10A	GAR-PDI-B10A-20.0-20.5	JC32140	JC32140-9	20.0 - 20.5 ft	11.0	-9.0	-9.5	11/20/2016	Y	5.5	J
B10B	114-B10B-CC-PB	114-B10B-PB-6.0-6.5	JB77112	JB77112-2	6.0 - 6.5 ft	11.6	5.6	5.1	09/19/2014	Y	348	
B10B	114-B10B-CC-SW	114-B10B-SW-2.0-2.5	JB77112	JB77112-5	2.0 - 2.5 ft	11.6	9.6	9.1	09/19/2014	Y	284	
B10B	114-B10B-CC-SW	114-B10B-SW-4.0-4.5	JB77112	JB77112-4	4.0 - 4.5 ft	11.6	7.6	7.1	09/19/2014	Y	509	
B10B	114-B10B-CC-SW	114-B10B-SW-5.5-6.0	JB77112	JB77112-3	5.5 - 6.0 ft	11.6	6.1	5.6	09/19/2014	Y	487	
B10B	GAR-PDI-B10B	GAR-PDI-B10B-7.5-8.0	JC32774	JC32774-2	7.5 - 8.0 ft	11.6	4.1	3.6	12/02/2016	Y	3550	J
B10B	GAR-PDI-B10B	GAR-PDI-B10B-8.0-8.5	JC32774	JC32774-3	8.0 - 8.5 ft	11.6	3.6	3.1	12/02/2016	Y	3870	J
B10B	GAR-PDI-B10B	GAR-PDI-B10B-10.0-10.5	JC33206	JC33206-2	10.0 - 10.5 ft	11.6	1.6	1.1	12/08/2016	Y	3490	J
B10B	GAR-PDI-B10B	GAR-PDI-B10B-10.0-10.5X	JC33206	JC33206-3	10.0 - 10.5 ft	11.6	1.6	1.1	12/08/2016	Y	3340	J
B10B	GAR-PDI-B10B	GAR-PDI-B10B-12.0-12.5	JC33206	JC33206-4	12.0 - 12.5 ft	11.6	-0.4	-0.9	12/08/2016	Y	2290	J
B10B	GAR-PDI-B10B	GAR-PDI-B10B-14.0-14.5	JC33206	JC33206-5	14.0 - 14.5 ft	11.6	-2.4	-2.9	12/08/2016	Y	1.3	J
B10B	GAR-PDI-B10B	GAR-PDI-B10B-16.0-16.5	JC33206	JC33206-6	16.0 - 16.5 ft	11.6	-4.4	-4.9	12/08/2016	Y	3.2	J
B10B	GAR-PDI-B10B	GAR-PDI-B10B-18.0-18.5	JC33206	JC33206-7	18.0 - 18.5 ft	11.6	-6.4	-6.9	12/08/2016	Y	1.5	J
B10B	GAR-PDI-B10B	GAR-PDI-B10B-20.0-20.5	JC33206	JC33206-8	20.0 - 20.5 ft	11.6	-8.4	-8.9	12/08/2016	Y	0.98	J
B11A	GAR-PDI-B11A	GAR-PDI-B11A-0.5-1.0	JC32140	JC32140-15	0.5 - 1.0 ft	11.1	10.6	10.1	11/20/2016	Y	0.35	J
B11A	GAR-PDI-B11A	GAR-PDI-B11A-2.0-2.5	JC32140	JC32140-23	2.0 - 2.5 ft	11.1	9.1	8.6	11/20/2016	Y	< 0.33	UJ
B11A	GAR-PDI-B11A	GAR-PDI-B11A-4.0-4.5	JC32140	JC32140-25	4.0 - 4.5 ft	11.1	7.1	6.6	11/20/2016	Y	0.43	J
B11A	GAR-PDI-B11A	GAR-PDI-B11A-6.0-6.5	JC32140	JC32140-26	6.0 - 6.5 ft	11.1	5.1	4.6	11/20/2016	Y	0.39	J
B11A	GAR-PDI-B11A	GAR-PDI-B11A-8.0-8.5	JC32140	JC32140-27	8.0 - 8.5 ft	11.1	3.1	2.6	11/20/2016	Y	0.58	J
B11A	GAR-PDI-B11A	GAR-PDI-B11A-10.0-10.5	JC32140	JC32140-16	10.0 - 10.5 ft	11.1	1.1	0.6	11/20/2016	Y	127	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
B'11A	GAR-PDI-B'11A	GAR-PDI-B'11A-10.5-11.0	JC32140	JC32140-17	10.5 - 11.0 ft	11.1	0.6	0.1	11/20/2016	Y	116	J
B'11A	GAR-PDI-B'11A	GAR-PDI-B'11A-12.0-12.5	JC32140	JC32140-18	12.0 - 12.5 ft	11.1	-0.9	-1.4	11/20/2016	Y	10.4	J
B'11A	GAR-PDI-B'11A	GAR-PDI-B'11A-14.0-14.5	JC32140	JC32140-19	14.0 - 14.5 ft	11.1	-2.9	-3.4	11/20/2016	Y	21.0	J
B'11A	GAR-PDI-B'11A	GAR-PDI-B'11A-16.0-16.5	JC32140	JC32140-20	16.0 - 16.5 ft	11.1	-4.9	-5.4	11/20/2016	Y	18.2	J
B'11A	GAR-PDI-B'11A	GAR-PDI-B'11A-16.0-16.5X	JC32140	JC32140-21	16.0 - 16.5 ft	11.1	-4.9	-5.4	11/20/2016	Y	23.6	J
B'11A	GAR-PDI-B'11A	GAR-PDI-B'11A-18.0-18.5	JC32140	JC32140-22	18.0 - 18.5 ft	11.1	-6.9	-7.4	11/20/2016	Y	9.0	J
B'11A	GAR-PDI-B'11A	GAR-PDI-B'11A-20.0-20.5	JC32140	JC32140-24	20.0 - 20.5 ft	11.1	-8.9	-9.4	11/20/2016	Y	10.2	J
B'11B	114GAR-3	114TP-3GAR-0.5-1.0	JB15500	JB15500-1	0.5 - 1.0 ft	11.5	11.0	10.5	09/05/2012	Y	692	
B'11B	114GAR-3	114TP-3GAR-1.5-2.0	JB15646	JB15646-3	1.5 - 2.0 ft	11.5	10.0	9.5	09/06/2012	Y	126	J
B'11B	114GAR-3	114TP-3GAR-2.0-2.5	JB15500R	JB15500-2R	2.0 - 2.5 ft	11.5	9.5	9.0	09/05/2012	Y	1.1	J
B'11B	114GAR-3	114TP-3GAR-2.0-2.5-0906	JB15646	JB15646-4	2.0 - 2.5 ft	11.5	9.5	9.0	09/06/2012	Y	8.2	J
B'11B	114GAR-3	114TP-3GAR-4.0-4.5	JB15646	JB15646-1	4.0 - 4.5 ft	11.5	7.5	7.0	09/06/2012	Y	293	J
B'11B	114GAR-3	114TP-3GAR-5.5-6.0	JB15646	JB15646-2	5.5 - 6.0 ft	11.5	6.0	5.5	09/06/2012	Y	405	J
B'12A	114GAR-1	114 GAR1_4.0	JA99548	JA99548-1	4.0 - 4.0 ft	11.0	7.0	7.0	02/16/2012	N	< 0.24	U
B'12A	GA	GA0.1-0.5	R2420545	712563	0.1 - 0.5 ft	11.2	11.1	10.7	03/15/2004	Y	< 4.18	U
B'12A	GA	GA0.8-1.8	R2420545	712564	0.8 - 1.8 ft	11.2	10.4	9.4	03/15/2004	Y	10.3	
B'12A	GA	GA4-4.5	R2420545	712565	4.0 - 4.5 ft	11.2	7.2	6.7	03/15/2004	Y	< 4.72	U
B'12A	GA	GA5.2-6.2	R2420545	712566	5.2 - 6.2 ft	11.2	6.0	5.0	03/15/2004	Y	< 4.55	U
B'12A	GA	GA5.2-6.2D	R2420545	712567	5.2 - 6.2 ft	11.2	6.0	5.0	03/15/2004	Y	< 4.54	U
B'12A	GA	GA8-8.5	R2420545	712568	8.0 - 8.5 ft	11.2	3.2	2.7	03/15/2004	Y	13.2	
B'12A	GA	GA8.5-9	R2420545	712569	8.5 - 9.0 ft	11.2	2.7	2.2	03/15/2004	Y	< 4.91	U
B'12A	GA	GA12-12.5	R2420545	712570	12.0 - 12.5 ft	11.2	-0.8	-1.3	03/15/2004	Y	7.7	
B'12A	GA	GA16-16.5	R2420545	712571	16.0 - 16.5 ft	11.2	-4.8	-5.3	03/15/2004	Y	12.7	
B'12A	GA	GA17-17.5	R2420545	712572	17.0 - 17.5 ft	11.2	-5.8	-6.3	03/15/2004	Y	24.4	
B'12A	GAR-PDI-B'12A	GAR-PDI-B'12A-6.5-7.0	JC31680	JC31680-4	6.5 - 7.0 ft	11.3	4.8	4.3	11/13/2016	Y	0.53	J
B'12A	GAR-PDI-B'12A	GAR-PDI-B'12A-7.0-7.5	JC31680	JC31680-5	7.0 - 7.5 ft	11.3	4.3	3.8	11/13/2016	Y	< 0.33	UJ
B'12A	GAR-PDI-B'12A	GAR-PDI-B'12A-18.0-18.5	JC31680	JC31680-2	18.0 - 18.5 ft	11.3	-6.7	-7.2	11/13/2016	Y	1.9	J
B'12A	GAR-PDI-B'12A	GAR-PDI-B'12A-20.0-20.5	JC31680	JC31680-3	20.0 - 20.5 ft	11.3	-8.7	-9.2	11/13/2016	Y	1.2	J
B'12A	GAR-PDI-B'12AR	GAR-PDI-B'12AR-10.0-10.5	JC37505	JC37505-29	10.0 - 10.5 ft	11.4	1.4	0.9	02/19/2017	Y	3.6	J
B'12A	GAR-PDI-B'12AR	GAR-PDI-B'12AR-14.0-14.5	JC37505	JC37505-30	14.0 - 14.5 ft	11.4	-2.6	-3.1	02/19/2017	Y	2.3	J
B'12B	GG	GG 4.4-4.9	R2420565	712764	4.4 - 4.9 ft	12.8	8.4	7.9	03/16/2004	Y	< 4.89	UJ
B'12B	GG	GG 5.5-6.0	R2420565	712765	5.5 - 6.0 ft	12.8	7.3	6.8	03/16/2004	Y	< 4.76	UJ
B'12B	GG	GG 8.4-8.9	R2420565	712766	8.4 - 8.9 ft	12.8	4.4	3.9	03/16/2004	Y	< 4.78	UJ
B'12B	GG	GG 12.4-12.9	R2420565	712767	12.4 - 12.9 ft	12.8	0.4	-0.1	03/16/2004	Y	< 5.69	UJ
B'12B	GG	GG 13-13.5	R2420565	712768	13.0 - 13.5 ft	12.8	-0.2	-0.7	03/16/2004	Y	< 5.57	UJ
B'13A	114CC-A'13A-SW	114-A'13A-0.5-1.0-SW	JB8970R	JB8970-2R	0.5 - 1.0 ft	11.0	10.5	10.0	06/14/2012	Y	1.4	J
B'13A	114CC-A'13A-SW	114-A'13A-0.5-1.0-SWS	JB8858	JB8858-1	0.5 - 1.0 ft	11.0	10.5	10.0	06/13/2012	Y	1.3	J
B'13A	114CC-A'13A-SW	114-A'13A-2.5-3.0-SW	JB8970R	JB8970-3R	2.5 - 3.0 ft	11.0	8.5	8.0	06/14/2012	Y	1.5	J
B'13A	114CC-A'13A-SW	114-A'13A-2.5-3.0-SWS	JB8858R	JB8858-2R	2.5 - 3.0 ft	11.0	8.5	8.0	06/13/2012	Y	0.89	J
B'13A	114CC-A'13A-SW	114-A'13A-4.5-5.0-SW	JB8970	JB8970-5	4.5 - 5.0 ft	11.0	6.5	6.0	06/14/2012	Y	0.63	J
B'13A	114CC-A'13A-SW	114-A'13A-4.5-5.0-SWS	JB8858R	JB8858-3R	4.5 - 5.0 ft	11.0	6.5	6.0	06/13/2012	Y	1.9	J
B'13A	114CC-A'13A-SW	114-A'13A-4.5-5.0-SWX	JB8970	JB8970-4	4.5 - 5.0 ft	11.0	6.5	6.0	06/14/2012	Y	1.2	J
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-6.0-6.5	JC31680	JC31680-13	6.0 - 6.5 ft	11.6	5.6	5.1	11/13/2016	Y	< 0.35	UJ
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-6.5-7.0	JC31680	JC31680-14	6.5 - 7.0 ft	11.6	5.1	4.6	11/13/2016	Y	0.38	J
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-8.0-8.5	JC31680	JC31680-15	8.0 - 8.5 ft	11.6	3.6	3.1	11/13/2016	Y	4.3	J
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-10.0-10.5	JC31680	JC31680-6	10.0 - 10.5 ft	11.6	1.6	1.1	11/13/2016	Y	0.49	J
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-12.0-12.5	JC31680	JC31680-7	12.0 - 12.5 ft	11.6	-0.4	-0.9	11/13/2016	Y	8.6	J
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-12.0-12.5X	JC31680	JC31680-8	12.0 - 12.5 ft	11.6	-0.4	-0.9	11/13/2016	Y	1.3	J
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-14.0-14.5	JC31680	JC31680-9	14.0 - 14.5 ft	11.6	-2.4	-2.9	11/13/2016	Y	2.8	J
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-16.0-16.5	JC31680	JC31680-10	16.0 - 16.5 ft	11.6	-4.4	-4.9	11/13/2016	Y	1.4	J
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-18.0-18.5	JC31680	JC31680-11	18.0 - 18.5 ft	11.6	-6.4	-6.9	11/13/2016	Y	4.3	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
B'13A	GAR-PDI-B'13A	GAR-PDI-B'13A-20.0-20.5	JC31680	JC31680-12	20.0 - 20.5 ft	11.6	-8.4	-8.9	11/13/2016	Y	1.2	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-1.0-1.5	JC31680	JC31680-16	1.0 - 1.5 ft	11.4	10.4	9.9	11/13/2016	Y	1.3	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-2.0-2.5	JC31680R	JC31680-22R	2.0 - 2.5 ft	11.4	9.4	8.9	11/13/2016	Y	2.0	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-4.0-4.5	JC31680R	JC31680-24R	4.0 - 4.5 ft	11.4	7.4	6.9	11/13/2016	Y	0.94	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-4.0-4.5X	JC31680R	JC31680-25R	4.0 - 4.5 ft	11.4	7.4	6.9	11/13/2016	Y	1.5	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-6.0-6.5	JC31680	JC31680-26	6.0 - 6.5 ft	11.4	5.4	4.9	11/13/2016	Y	0.76	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-8.0-8.5	JC31680R	JC31680-27R	8.0 - 8.5 ft	11.4	3.4	2.9	11/13/2016	Y	82.7	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-9.5-10.0	JC31680R	JC31680-28R	9.5 - 10.0 ft	11.4	1.9	1.4	11/13/2016	Y	92.0	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-10.0-10.5	JC31680	JC31680-17	10.0 - 10.5 ft	11.4	1.4	0.9	11/13/2016	Y	25.9	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-12.0-12.5	JC31680	JC31680-18	12.0 - 12.5 ft	11.4	-0.6	-1.1	11/13/2016	Y	3.9	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-14.0-14.5	JC31680	JC31680-19	14.0 - 14.5 ft	11.4	-2.6	-3.1	11/13/2016	Y	4.3	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-16.0-16.5	JC31680	JC31680-20	16.0 - 16.5 ft	11.4	-4.6	-5.1	11/13/2016	Y	8.8	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-18.0-18.5	JC31680	JC31680-21	18.0 - 18.5 ft	11.4	-6.6	-7.1	11/13/2016	Y	3.1	J
B'14A	GAR-PDI-B'14A	GAR-PDI-B'14A-20.0-20.5	JC31680R	JC31680-23R	20.0 - 20.5 ft	11.4	-8.6	-9.1	11/13/2016	Y	4.5	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-0.5-1.0	JC35528R	JC35528-14R	0.5 - 1.0 ft	10.4	9.9	9.4	01/15/2017	Y	1.8	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-2.5-3.0	JC35528T	JC35528-21T	2.5 - 3.0 ft	10.4	7.9	7.4	01/15/2017	Y	1.3	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-4.5-5.0	JC35528	JC35528-23	4.5 - 5.0 ft	10.4	5.9	5.4	01/15/2017	Y	0.55	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-6.5-7.0	JC35528	JC35528-24	6.5 - 7.0 ft	10.4	3.9	3.4	01/15/2017	Y	0.49	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-7.5-8.0	JC35528T	JC35528-25T	7.5 - 8.0 ft	10.4	2.9	2.4	01/15/2017	Y	1.2	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-8.0-8.5	JC35528	JC35528-26	8.0 - 8.5 ft	10.4	2.4	1.9	01/15/2017	Y	< 0.33	UJ
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-10.0-10.5	JC35528	JC35528-15	10.0 - 10.5 ft	10.4	0.4	-0.1	01/15/2017	Y	< 0.36	UJ
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-10.0-10.5X	JC35528	JC35528-16	10.0 - 10.5 ft	10.4	0.4	-0.1	01/15/2017	Y	0.98	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-12.0-12.5	JC35528R	JC35528-17R	12.0 - 12.5 ft	10.4	-1.6	-2.1	01/15/2017	Y	0.97	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-14.0-14.5	JC35528R	JC35528-18R	14.0 - 14.5 ft	10.4	-3.6	-4.1	01/15/2017	Y	0.71	J
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-16.0-16.5	JC35528	JC35528-19	16.0 - 16.5 ft	10.4	-5.6	-6.1	01/15/2017	Y	< 0.33	UJ
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-18.0-18.5	JC35528	JC35528-20	18.0 - 18.5 ft	10.4	-7.6	-8.1	01/15/2017	Y	< 0.31	UJ
B'1A	GAR-PDI-B'1A	GAR-PDI-B'1A-20.0-20.5	JC35528	JC35528-22	20.0 - 20.5 ft	10.4	-9.6	-10.1	01/15/2017	Y	< 0.31	UJ
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-5.0-5.5	JC35528	JC35528-33	5.0 - 5.5 ft	10.5	5.5	5.0	01/15/2017	Y	0.83	J
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-5.5-6.0	JC35528	JC35528-34	5.5 - 6.0 ft	10.5	5.0	4.5	01/15/2017	Y	0.58	J
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-8.0-8.5	JC35528	JC35528-35	8.0 - 8.5 ft	10.5	2.5	2.0	01/15/2017	Y	< 0.33	UJ
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-10.0-10.5	JC35528	JC35528-27	10.0 - 10.5 ft	10.5	0.5	0.0	01/15/2017	Y	0.53	J
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-12.0-12.5	JC35528	JC35528-28	12.0 - 12.5 ft	10.5	-1.5	-2.0	01/15/2017	Y	< 0.34	UJ
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-14.0-14.5	JC35528	JC35528-29	14.0 - 14.5 ft	10.5	-3.5	-4.0	01/15/2017	Y	< 0.32	UJ
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-16.0-16.5	JC35528	JC35528-30	16.0 - 16.5 ft	10.5	-5.5	-6.0	01/15/2017	Y	< 0.33	UJ
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-18.0-18.5	JC35528	JC35528-31	18.0 - 18.5 ft	10.5	-7.5	-8.0	01/15/2017	Y	< 0.31	UJ
B'1B	GAR-PDI-B'1B	GAR-PDI-B'1B-20.0-20.5	JC35528	JC35528-32	20.0 - 20.5 ft	10.5	-9.5	-10.0	01/15/2017	Y	0.61	J
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-6.0-6.5	JC33472	JC33472-6	6.0 - 6.5 ft	10.3	4.3	3.8	12/11/2016	Y	0.48	J
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-6.0-6.5X	JC33472	JC33472-7	6.0 - 6.5 ft	10.3	4.3	3.8	12/11/2016	Y	< 0.35	U
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-6.5-7.0	JC33472	JC33472-8	6.5 - 7.0 ft	10.3	3.8	3.3	12/11/2016	Y	1.3	
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-7.0-7.5	JC33472	JC33472-9	7.0 - 7.5 ft	10.3	3.3	2.8	12/11/2016	Y	1.0	
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-8.0-8.5	JC33472	JC33472-10	8.0 - 8.5 ft	10.3	2.3	1.8	12/11/2016	Y	1.1	
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-10.0-10.5	JC33472	JC33472-2	10.0 - 10.5 ft	10.3	0.3	-0.2	12/11/2016	Y	0.47	J
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-13.0-13.5	JC33472	JC33472-3	13.0 - 13.5 ft	10.3	-2.7	-3.2	12/11/2016	Y	0.36	J
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-15.0-15.5	JC33472	JC33472-4	15.0 - 15.5 ft	10.3	-4.7	-5.2	12/11/2016	Y	0.72	
B'2A	GAR-PDI-B'2A	GAR-PDI-B'2A-18.0-18.5	JC33472	JC33472-5	18.0 - 18.5 ft	10.3	-7.7	-8.2	12/11/2016	Y	< 0.33	U
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-0.5-1.0	JC35951	JC35951-2	0.5 - 1.0 ft	10.9	10.4	9.9	01/22/2017	Y	6.9	J
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-2.5-3.0	JC35951	JC35951-8	2.5 - 3.0 ft	10.9	8.4	7.9	01/22/2017	Y	1.5	J
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-4.0-4.5	JC35951	JC35951-10	4.0 - 4.5 ft	10.9	6.9	6.4	01/22/2017	Y	0.53	J
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-4.5-5.0	JC35951	JC35951-11	4.5 - 5.0 ft	10.9	6.4	5.9	01/22/2017	Y	< 0.35	UJ
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-6.5-7.0	JC35951	JC35951-12	6.5 - 7.0 ft	10.9	4.4	3.9	01/22/2017	Y	0.60	
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-8.5-9.0	JC35951R	JC35951-13R	8.5 - 9.0 ft	10.9	2.4	1.9	01/22/2017	Y	1.7	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-10.5-11.0	JC35951	JC35951-3	10.5 - 11.0 ft	10.9	0.4	-0.1	01/22/2017	Y	< 0.34	UJ
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-12.5-13.0	JC35951	JC35951-36	12.5 - 13.0 ft	10.9	-1.6	-2.1	01/22/2017	Y	11.7	J
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-12.5-13.0X	JC35951	JC35951-4	12.5 - 13.0 ft	10.9	-1.6	-2.1	01/22/2017	Y	< 0.32	UJ
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-14.5-15.0	JC35951	JC35951-5	14.5 - 15.0 ft	10.9	-3.6	-4.1	01/22/2017	Y	< 0.31	UJ
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-16.5-17.0	JC35951R	JC35951-6R	16.5 - 17.0 ft	10.9	-5.6	-6.1	01/22/2017	Y	0.40	J
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-18.5-19.0	JC35951	JC35951-7	18.5 - 19.0 ft	10.9	-7.6	-8.1	01/22/2017	Y	< 0.31	UJ
B'2B	GAR-PDI-B'2B	GAR-PDI-B'2B-20.0-20.5	JC35951	JC35951-9	20.0 - 20.5 ft	10.9	-9.1	-9.6	01/22/2017	Y	< 0.31	UJ
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-0.5-1.0	JC33472	JC33472-11	0.5 - 1.0 ft	10.4	9.9	9.4	12/11/2016	Y	3.7	
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-2.0-2.5	JC33472	JC33472-17	2.0 - 2.5 ft	10.4	8.4	7.9	12/11/2016	Y	0.38	J
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-6.5-7.0	JC33472	JC33472-19	6.5 - 7.0 ft	10.4	3.9	3.4	12/11/2016	Y	< 0.36	U
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-7.0-7.5	JC33472	JC33472-20	7.0 - 7.5 ft	10.4	3.4	2.9	12/11/2016	Y	0.48	
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-10.0-10.5	JC33472	JC33472-12	10.0 - 10.5 ft	10.4	0.4	-0.1	12/11/2016	Y	0.73	
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-12.0-12.5	JC33472	JC33472-13	12.0 - 12.5 ft	10.4	-1.6	-2.1	12/11/2016	Y	0.67	
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-14.0-14.5	JC33472	JC33472-14	14.0 - 14.5 ft	10.4	-3.6	-4.1	12/11/2016	Y	0.48	
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-16.0-16.5	JC33472	JC33472-15	16.0 - 16.5 ft	10.4	-5.6	-6.1	12/11/2016	Y	0.37	J
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-18.0-18.5	JC33472	JC33472-16	18.0 - 18.5 ft	10.4	-7.6	-8.1	12/11/2016	Y	< 0.32	U
B'3A	GAR-PDI-B'3A	GAR-PDI-B'3A-20.0-20.5	JC33472	JC33472-18	20.0 - 20.5 ft	10.4	-9.6	-10.1	12/11/2016	Y	0.82	
B'3A	GC	GC4-4.5	R2420565	712780	4.0 - 4.5 ft	10.9	6.9	6.4	03/16/2004	Y	< 5.22	UJ
B'3A	GC	GC6-6.3	R2420565	712781	6.0 - 6.3 ft	10.9	4.9	4.6	03/16/2004	Y	< 5	UJ
B'3A	GC	GC8-8.5	R2420565	712782	8.0 - 8.5 ft	10.9	2.9	2.4	03/16/2004	Y	< 4.96	UJ
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-0.5-1.0	JC35951	JC35951-14	0.5 - 1.0 ft	10.5	10.0	9.5	01/22/2017	Y	1.9	J
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-2.0-2.5	JC35951	JC35951-20	2.0 - 2.5 ft	10.5	8.5	8.0	01/22/2017	Y	0.64	J
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-4.0-4.5	JC35951	JC35951-22	4.0 - 4.5 ft	10.5	6.5	6.0	01/22/2017	Y	< 0.36	UJ
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-5.0-5.5	JC35951	JC35951-23	5.0 - 5.5 ft	10.5	5.5	5.0	01/22/2017	Y	6.5	
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-5.5-6.0	JC35951	JC35951-24	5.5 - 6.0 ft	10.5	5.0	4.5	01/22/2017	Y	3.5	
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-6.0-6.5	JC35951	JC35951-25	6.0 - 6.5 ft	10.5	4.5	4.0	01/22/2017	Y	0.50	
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-8.0-8.5	JC35951	JC35951-26	8.0 - 8.5 ft	10.5	2.5	2.0	01/22/2017	Y	0.36	J
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-10.0-10.5	JC35951	JC35951-15	10.0 - 10.5 ft	10.5	0.5	0.0	01/22/2017	Y	< 0.36	U
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-12.0-12.5	JC35951	JC35951-16	12.0 - 12.5 ft	10.5	-1.5	-2.0	01/22/2017	Y	< 0.32	U
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-14.0-14.5	JC35951	JC35951-17	14.0 - 14.5 ft	10.5	-3.5	-4.0	01/22/2017	Y	< 0.31	U
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-16.0-16.5	JC35951	JC35951-18	16.0 - 16.5 ft	10.5	-5.5	-6.0	01/22/2017	Y	< 0.34	U
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-18.0-18.5	JC35951	JC35951-19	18.0 - 18.5 ft	10.5	-7.5	-8.0	01/22/2017	Y	0.42	J
B'3B	GAR-PDI-B'3B	GAR-PDI-B'3B-20.0-20.5	JC35951	JC35951-21	20.0 - 20.5 ft	10.5	-9.5	-10.0	01/22/2017	Y	< 0.31	UJ
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-8.0-8.5	JC36740	JC36740-8	8.0 - 8.5 ft	10.3	2.3	1.8	02/05/2017	Y	0.37	J
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-8.5-9.0	JC36740	JC36740-9	8.5 - 9.0 ft	10.3	1.8	1.3	02/05/2017	Y	1.2	
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-9.0-9.5	JC36740	JC36740-10	9.0 - 9.5 ft	10.3	1.3	0.8	02/05/2017	Y	1.0	
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-11.0-11.5	JC36740	JC36740-1	11.0 - 11.5 ft	10.3	-0.7	-1.2	02/05/2017	Y	0.51	
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-11.0-11.5X	JC36740	JC36740-2	11.0 - 11.5 ft	10.3	-0.7	-1.2	02/05/2017	Y	< 0.33	U
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-13.0-13.5	JC36740	JC36740-3	13.0 - 13.5 ft	10.3	-2.7	-3.2	02/05/2017	Y	< 0.34	U
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-15.0-15.5	JC36740	JC36740-4	15.0 - 15.5 ft	10.3	-4.7	-5.2	02/05/2017	Y	< 0.31	U
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-17.0-17.5	JC36740	JC36740-5	17.0 - 17.5 ft	10.3	-6.7	-7.2	02/05/2017	Y	< 0.32	U
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-19.0-19.5	JC36740	JC36740-6	19.0 - 19.5 ft	10.3	-8.7	-9.2	02/05/2017	Y	1.9	
B'4A	GAR-PDI-B'4AR	GAR-PDI-B'4AR-20.0-20.5	JC36740	JC36740-7	20.0 - 20.5 ft	10.3	-9.7	-10.2	02/05/2017	Y	0.44	J
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-1.0-1.5	JC36395	JC36395-10	1.0 - 1.5 ft	10.8	9.8	9.3	01/22/2017	Y	2.2	J
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-3.0-3.5	JC36395	JC36395-17	3.0 - 3.5 ft	10.8	7.8	7.3	01/22/2017	Y	< 0.36	UJ
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-3.0-3.5X	JC36395	JC36395-18	3.0 - 3.5 ft	10.8	7.8	7.3	01/22/2017	Y	0.89	J
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-5.0-5.5	JC36395	JC36395-19	5.0 - 5.5 ft	10.8	5.8	5.3	01/22/2017	Y	0.76	J
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-5.5-6.0	JC36395R	JC36395-20R	5.5 - 6.0 ft	10.8	5.3	4.8	01/22/2017	Y	0.43	J
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-7.0-7.5	JC36395	JC36395-21	7.0 - 7.5 ft	10.8	3.8	3.3	01/22/2017	Y	< 0.33	UJ
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-9.0-9.5	JC36395	JC36395-22	9.0 - 9.5 ft	10.8	1.8	1.3	01/22/2017	Y	< 0.32	UJ
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-11.0-11.5	JC36395	JC36395-11	11.0 - 11.5 ft	10.8	-0.2	-0.7	01/22/2017	Y	0.54	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
Result	Qualifier											
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-13.0-13.5	JC36395	JC36395-12	13.0 - 13.5 ft	10.8	-2.2	-2.7	01/22/2017	Y	< 0.32	UJ
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-15.0-15.5	JC36395	JC36395-13	15.0 - 15.5 ft	10.8	-4.2	-4.7	01/22/2017	Y	1.7	J
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-17.0-17.5	JC36395	JC36395-14	17.0 - 17.5 ft	10.8	-6.2	-6.7	01/22/2017	Y	0.32	J
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-19.0-19.5	JC36395	JC36395-15	19.0 - 19.5 ft	10.8	-8.2	-8.7	01/22/2017	Y	< 0.32	UJ
B'4B	GAR-PDI-B'4B	GAR-PDI-B'4B-20.0-20.5	JC36395	JC36395-16	20.0 - 20.5 ft	10.8	-9.2	-9.7	01/22/2017	Y	< 0.31	UJ
B'5A	GAR-PDI-B'5A	GAR-PDI-B'5A-1.5-2.0	JC31222R	JC31222-1R	1.5 - 2.0 ft	10.0	8.5	8.0	11/06/2016	Y	0.68	J
B'5A	GAR-PDI-B'5A	GAR-PDI-B'5A-3.5-4.0	JC31222	JC31222-2	3.5 - 4.0 ft	10.0	6.5	6.0	11/06/2016	Y	0.45	J
B'5A	GAR-PDI-B'5A	GAR-PDI-B'5A-5.0-5.5	JC31222	JC31222-3	5.0 - 5.5 ft	10.0	5.0	4.5	11/06/2016	Y	< 0.33	UJ
B'5A	GAR-PDI-B'5A	GAR-PDI-B'5A-6.5-7.0	JC31222	JC31222-4	6.5 - 7.0 ft	10.0	3.5	3.0	11/06/2016	Y	0.83	J
B'5A	GAR-PDI-B'5AR	GAR-PDI-B'5AR-8.0-8.5	JC36740	JC36740-17	8.0 - 8.5 ft	10.5	2.5	2.0	02/05/2017	Y	< 0.34	U
B'5A	GAR-PDI-B'5AR	GAR-PDI-B'5AR-8.5-9.0	JC36740	JC36740-18	8.5 - 9.0 ft	10.5	2.0	1.5	02/05/2017	Y	0.97	
B'5A	GAR-PDI-B'5AR	GAR-PDI-B'5AR-10.0-10.5	JC36740	JC36740-11	10.0 - 10.5 ft	10.5	0.5	0.0	02/05/2017	Y	< 0.34	U
B'5A	GAR-PDI-B'5AR	GAR-PDI-B'5AR-12.0-12.5	JC36740	JC36740-12	12.0 - 12.5 ft	10.5	-1.5	-2.0	02/05/2017	Y	0.42	J
B'5A	GAR-PDI-B'5AR	GAR-PDI-B'5AR-14.0-14.5	JC36740	JC36740-13	14.0 - 14.5 ft	10.5	-3.5	-4.0	02/05/2017	Y	< 0.32	U
B'5A	GAR-PDI-B'5AR	GAR-PDI-B'5AR-16.0-16.5	JC36740	JC36740-14	16.0 - 16.5 ft	10.5	-5.5	-6.0	02/05/2017	Y	< 0.33	U
B'5A	GAR-PDI-B'5AR	GAR-PDI-B'5AR-18.0-18.5	JC36740	JC36740-15	18.0 - 18.5 ft	10.5	-7.5	-8.0	02/05/2017	Y	< 0.31	U
B'5A	GAR-PDI-B'5AR	GAR-PDI-B'5AR-20.0-20.5	JC36740	JC36740-16	20.0 - 20.5 ft	10.5	-9.5	-10.0	02/05/2017	Y	< 0.31	U
B'5B	GAR-PDI-B'5B	GAR-PDI-B'5B-6.0-6.5	JC35951	JC35951-32	6.0 - 6.5 ft	10.8	4.8	4.3	01/22/2017	Y	< 0.38	U
B'5B	GAR-PDI-B'5B	GAR-PDI-B'5B-6.5-7.0	JC35951	JC35951-33	6.5 - 7.0 ft	10.8	4.3	3.8	01/22/2017	Y	< 0.34	U
B'5B	GAR-PDI-B'5B	GAR-PDI-B'5B-8.0-8.5	JC35951	JC35951-34	8.0 - 8.5 ft	10.8	2.8	2.3	01/22/2017	Y	0.74	
B'5B	GAR-PDI-B'5B	GAR-PDI-B'5B-8.0-8.5X	JC35951	JC35951-35	8.0 - 8.5 ft	10.8	2.8	2.3	01/22/2017	Y	< 0.33	U
B'5B	GAR-PDI-B'5B	GAR-PDI-B'5B-10.0-10.5	JC35951	JC35951-27	10.0 - 10.5 ft	10.8	0.8	0.3	01/22/2017	Y	0.58	
B'5B	GAR-PDI-B'5B	GAR-PDI-B'5B-14.0-14.5	JC35951	JC35951-28	14.0 - 14.5 ft	10.8	-3.2	-3.7	01/22/2017	Y	4.6	
B'5B	GAR-PDI-B'5B	GAR-PDI-B'5B-16.0-16.5	JC35951	JC35951-29	16.0 - 16.5 ft	10.8	-5.2	-5.7	01/22/2017	Y	0.61	
B'5B	GAR-PDI-B'5B	GAR-PDI-B'5B-18.0-18.5	JC35951	JC35951-30	18.0 - 18.5 ft	10.8	-7.2	-7.7	01/22/2017	Y	< 0.31	UJ
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-1.5-2.0	JC31222	JC31222-19	1.5 - 2.0 ft	10.3	8.8	8.3	11/06/2016	Y	4.1	J
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-3.5-4.0	JC31222	JC31222-27	3.5 - 4.0 ft	10.3	6.8	6.3	11/06/2016	Y	< 0.36	UJ
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-5.5-6.0	JC31222	JC31222-28	5.5 - 6.0 ft	10.3	4.8	4.3	11/06/2016	Y	6.6	J
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-7.5-8.0	JC31222	JC31222-29	7.5 - 8.0 ft	10.3	2.8	2.3	11/06/2016	Y	< 0.34	UJ
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-9.5-10.0	JC31222	JC31222-30	9.5 - 10.0 ft	10.3	0.8	0.3	11/06/2016	Y	< 0.36	UJ
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-9.5-10.0X	JC31222	JC31222-31	9.5 - 10.0 ft	10.3	0.8	0.3	11/06/2016	Y	0.37	J
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-11.5-12.0	JC31222	JC31222-20	11.5 - 12.0 ft	10.3	-1.2	-1.7	11/06/2016	Y	0.70	J
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-13.0-13.5	JC31222	JC31222-21	13.0 - 13.5 ft	10.3	-2.7	-3.2	11/06/2016	Y	1.6	J
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-13.5-14.0	JC31222	JC31222-22	13.5 - 14.0 ft	10.3	-3.2	-3.7	11/06/2016	Y	3.8	J
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-15.0-15.5	JC31222R	JC31222-23R	15.0 - 15.5 ft	10.3	-4.7	-5.2	11/06/2016	Y	2.7	J
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-17.0-17.5	JC31222	JC31222-24	17.0 - 17.5 ft	10.3	-6.7	-7.2	11/06/2016	Y	0.62	J
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-19.0-19.5	JC31222	JC31222-25	19.0 - 19.5 ft	10.3	-8.7	-9.2	11/06/2016	Y	< 0.32	UJ
B'6A	GAR-PDI-B'6A	GAR-PDI-B'6A-20.0-20.5	JC31222	JC31222-26	20.0 - 20.5 ft	10.3	-9.7	-10.2	11/06/2016	Y	< 0.32	UJ
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-1.0-1.5	JC36395	JC36395-23	1.0 - 1.5 ft	11.3	10.3	9.8	01/29/2017	Y	2.3	J
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-3.0-3.5	JC36395	JC36395-31	3.0 - 3.5 ft	11.3	8.3	7.8	01/29/2017	Y	< 0.36	UJ
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-5.0-5.5	JC36395	JC36395-32	5.0 - 5.5 ft	11.3	6.3	5.8	01/29/2017	Y	2.8	J
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-7.0-7.5	JC36395	JC36395-33	7.0 - 7.5 ft	11.3	4.3	3.8	01/29/2017	Y	0.93	J
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-9.0-9.5	JC36395	JC36395-34	9.0 - 9.5 ft	11.3	2.3	1.8	01/29/2017	Y	1.2	J
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-9.5-10.0	JC36395	JC36395-35	9.5 - 10.0 ft	11.3	1.8	1.3	01/29/2017	Y	0.92	J
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-10.0-10.5	JC36395	JC36395-24	10.0 - 10.5 ft	11.3	1.3	0.8	01/29/2017	Y	< 0.36	UJ
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-11.0-11.5	JC36395	JC36395-25	11.0 - 11.5 ft	11.3	0.3	-0.2	01/29/2017	Y	0.40	J
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-13.0-13.5	JC36395	JC36395-26	13.0 - 13.5 ft	11.3	-1.7	-2.2	01/29/2017	Y	0.39	J
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-15.0-15.5	JC36395	JC36395-27	15.0 - 15.5 ft	11.3	-3.7	-4.2	01/29/2017	Y	< 0.34	UJ
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-17.0-17.5	JC36395	JC36395-28	17.0 - 17.5 ft	11.3	-5.7	-6.2	01/29/2017	Y	< 0.32	UJ
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-19.0-19.5	JC36395	JC36395-29	19.0 - 19.5 ft	11.3	-7.7	-8.2	01/29/2017	Y	< 0.33	UJ
B'6B	GAR-PDI-B'6B	GAR-PDI-B'6B-20.0-20.5	JC36395	JC36395-30	20.0 - 20.5 ft	11.3	-8.7	-9.2	01/29/2017	Y	< 0.31	UJ

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
B7A	GAR-PDI-B7A	GAR-PDI-B7A-1.5-2.0	JC31222	JC31222-32	1.5 - 2.0 ft	10.5	9.0	8.5	11/06/2016	Y	< 0.31	UJ
B7A	GAR-PDI-B7A	GAR-PDI-B7A-3.5-4.0	JC31222	JC31222-41	3.5 - 4.0 ft	10.5	7.0	6.5	11/06/2016	Y	< 0.38	UJ
B7A	GAR-PDI-B7A	GAR-PDI-B7A-5.5-6.0	JC31222	JC31222-42	5.5 - 6.0 ft	10.5	5.0	4.5	11/06/2016	Y	0.66	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-7.5-8.0	JC31222	JC31222-43	7.5 - 8.0 ft	10.5	3.0	2.5	11/06/2016	Y	0.50	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-9.5-10.0	JC31222	JC31222-44	9.5 - 10.0 ft	10.5	1.0	0.5	11/06/2016	Y	< 0.34	UJ
B7A	GAR-PDI-B7A	GAR-PDI-B7A-11.5-12.0	JC31222R	JC31222-33R	11.5 - 12.0 ft	10.5	-1.0	-1.5	11/06/2016	Y	1.9	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-12.0-12.5	JC31222R	JC31222-34R	12.0 - 12.5 ft	10.5	-1.5	-2.0	11/06/2016	Y	1.2	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-12.5-13.0	JC31222R	JC31222-35R	12.5 - 13.0 ft	10.5	-2.0	-2.5	11/06/2016	Y	0.84	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-13.5-14.0	JC31222R	JC31222-36R	13.5 - 14.0 ft	10.5	-3.0	-3.5	11/06/2016	Y	0.71	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-15.5-16.0	JC31222R	JC31222-37R	15.5 - 16.0 ft	10.5	-5.0	-5.5	11/06/2016	Y	0.88	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-17.5-18.0	JC31222	JC31222-38	17.5 - 18.0 ft	10.5	-7.0	-7.5	11/06/2016	Y	48.5	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-19.5-20.0	JC31222	JC31222-39	19.5 - 20.0 ft	10.5	-9.0	-9.5	11/06/2016	Y	0.57	J
B7A	GAR-PDI-B7A	GAR-PDI-B7A-20.0-20.5	JC31222	JC31222-40	20.0 - 20.5 ft	10.5	-9.5	-10.0	11/06/2016	Y	64.3	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-1.5-2.0	JC31222R	JC31222-5R	1.5 - 2.0 ft	10.6	9.1	8.6	11/06/2016	Y	0.46	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-3.5-4.0	JC31222	JC31222-13	3.5 - 4.0 ft	10.6	7.1	6.6	11/06/2016	Y	< 0.34	UJ
B8A	GAR-PDI-B8A	GAR-PDI-B8A-3.5-4.0X	JC31222R	JC31222-14R	3.5 - 4.0 ft	10.6	7.1	6.6	11/06/2016	Y	0.62	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-4.5-5.0	JC31222	JC31222-15	4.5 - 5.0 ft	10.6	6.1	5.6	11/06/2016	Y	< 0.33	UJ
B8A	GAR-PDI-B8A	GAR-PDI-B8A-6.5-7.0	JC31222R	JC31222-16R	6.5 - 7.0 ft	10.6	4.1	3.6	11/06/2016	Y	0.35	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-8.5-9.0	JC31222R	JC31222-17R	8.5 - 9.0 ft	10.6	2.1	1.6	11/06/2016	Y	1.1	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-10.5-11.0	JC31222	JC31222-6	10.5 - 11.0 ft	10.6	0.1	-0.4	11/06/2016	Y	0.94	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-12.0-12.5	JC31222	JC31222-7	12.0 - 12.5 ft	10.6	-1.4	-1.9	11/06/2016	Y	0.38	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-12.5-13.0	JC31222R	JC31222-8R	12.5 - 13.0 ft	10.6	-1.9	-2.4	11/06/2016	Y	0.45	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-14.5-15.0	JC31222	JC31222-9	14.5 - 15.0 ft	10.6	-3.9	-4.4	11/06/2016	Y	0.94	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-16.5-17.0	JC31222R	JC31222-10R	16.5 - 17.0 ft	10.6	-5.9	-6.4	11/06/2016	Y	0.48	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-18.5-19.0	JC31222R	JC31222-11R	18.5 - 19.0 ft	10.6	-7.9	-8.4	11/06/2016	Y	0.43	J
B8A	GAR-PDI-B8A	GAR-PDI-B8A-20.0-20.5	JC31222R	JC31222-12R	20.0 - 20.5 ft	10.6	-9.4	-9.9	11/06/2016	Y	0.71	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-1.0-1.5	JC32140	JC32140-28	1.0 - 1.5 ft	10.8	9.8	9.3	11/20/2016	Y	0.84	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-3.0-3.5	JC32140	JC32140-35	3.0 - 3.5 ft	10.8	7.8	7.3	11/20/2016	Y	1.1	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-3.0-3.5X	JC32140	JC32140-36	3.0 - 3.5 ft	10.8	7.8	7.3	11/20/2016	Y	< 0.34	UJ
B9A	GAR-PDI-B9A	GAR-PDI-B9A-5.0-5.5	JC32140	JC32140-37	5.0 - 5.5 ft	10.8	5.8	5.3	11/20/2016	Y	0.57	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-7.0-7.5	JC32140	JC32140-38	7.0 - 7.5 ft	10.8	3.8	3.3	11/20/2016	Y	0.59	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-7.5-8.0	JC32140R	JC32140-39R	7.5 - 8.0 ft	10.8	3.3	2.8	11/20/2016	Y	1.2	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-8.0-8.5	JC32140	JC32140-40	8.0 - 8.5 ft	10.8	2.8	2.3	11/20/2016	Y	2.6	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-10.0-10.5	JC32140	JC32140-29	10.0 - 10.5 ft	10.8	0.8	0.3	11/20/2016	Y	6.1	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-12.0-12.5	JC32140	JC32140-30	12.0 - 12.5 ft	10.8	-1.2	-1.7	11/20/2016	Y	2.4	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-14.0-14.5	JC32140	JC32140-31	14.0 - 14.5 ft	10.8	-3.2	-3.7	11/20/2016	Y	2.2	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-16.0-16.5	JC32140	JC32140-32	16.0 - 16.5 ft	10.8	-5.2	-5.7	11/20/2016	Y	1.1	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-18.0-18.5	JC32140	JC32140-33	18.0 - 18.5 ft	10.8	-7.2	-7.7	11/20/2016	Y	3.5	J
B9A	GAR-PDI-B9A	GAR-PDI-B9A-20.0-20.5	JC32140	JC32140-34	20.0 - 20.5 ft	10.8	-9.2	-9.7	11/20/2016	Y	2.0	J
B9B	114-B9B-CC-PB	114-B9B-SW-6.0-6.5	JB77012R	JB77012-2R	6.0 - 6.5 ft	11.5	5.5	5.0	09/18/2014	Y	484	
B9B	114-B9B-CC-SW	114-B9B-SW-2.0-2.5	JB77012	JB77012-6	2.0 - 2.5 ft	11.5	9.5	9.0	09/18/2014	Y	305	
B9B	114-B9B-CC-SW	114-B9B-SW-4.0-4.5	JB77012R	JB77012-4R	4.0 - 4.5 ft	11.5	7.5	7.0	09/18/2014	Y	921	
B9B	114-B9B-CC-SW	114-B9B-SW-4.0-4.5X	JB77012	JB77012-5	4.0 - 4.5 ft	11.5	7.5	7.0	09/18/2014	Y	1020	
B9B	114-B9B-CC-SW	114-B9B-SW-5.5-6.0	JB77012R	JB77012-3R	5.5 - 6.0 ft	11.5	6.0	5.5	09/18/2014	Y	379	
B9B	114CC-A9B-PB	114-A9B-6.0-6.5-PB	JB12598	JB12598-2	6.0 - 6.5 ft	11.5	5.5	5.0	07/31/2012	Y	2220	J
B9B	114CC-A9B-SW	114-A9B-0.5-1.0-SW	JB12598	JB12598-1	0.5 - 1.0 ft	10.9	10.4	9.9	07/31/2012	Y	242	J
B9B	114CC-A9B-SW	114-A9B-2.5-3.0-SW	JB12598	JB12598-3	2.5 - 3.0 ft	10.9	8.4	7.9	07/31/2012	Y	95.5	J
B9B	114CC-A9B-SW	114-A9B-4.5-5.0-SW	JB12598R	JB12598-4R	4.5 - 5.0 ft	10.9	6.4	5.9	07/31/2012	Y	0.27	J
B9B	GAR-PDI-B9B	GAR-PDI-B9B-6.0-6.5	JC32158	JC32158-13	6.0 - 6.5 ft	11.6	5.6	5.1	11/21/2016	Y	601	
B9B	GAR-PDI-B9B	GAR-PDI-B9B-8.0-8.5	JC32158	JC32158-14	8.0 - 8.5 ft	11.6	3.6	3.1	11/21/2016	Y	1240	
C10A	GAR-PDI-C10A	GAR-PDI-C10A-0.5-1.0	JC32870	JC32870-2	0.5 - 1.0 ft	11.1	10.6	10.1	12/04/2016	Y	6.2	

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-2.0-2.5	JC32870	JC32870-8	2.0 - 2.5 ft	11.1	9.1	8.6	12/04/2016	Y	3.5	
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-3.0-3.5	JC32870	JC32870-10	3.0 - 3.5 ft	11.1	8.1	7.6	12/04/2016	Y	1.2	
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-3.5-4.0	JC32870	JC32870-11	3.5 - 4.0 ft	11.1	7.6	7.1	12/04/2016	Y	1.3	
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-4.0-4.5	JC32870	JC32870-12	4.0 - 4.5 ft	11.1	7.1	6.6	12/04/2016	Y	1.8	
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-6.0-6.5	JC32870	JC32870-13	6.0 - 6.5 ft	11.1	5.1	4.6	12/04/2016	Y	0.39	J
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-8.0-8.5	JC32870	JC32870-14	8.0 - 8.5 ft	11.1	3.1	2.6	12/04/2016	Y	< 0.34	U
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-10.0-10.5	JC32870	JC32870-3	10.0 - 10.5 ft	11.1	1.1	0.6	12/04/2016	Y	0.38	J
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-12.0-12.5	JC32870	JC32870-4	12.0 - 12.5 ft	11.1	-0.9	-1.4	12/04/2016	Y	< 0.34	U
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-14.0-14.5	JC32870	JC32870-5	14.0 - 14.5 ft	11.1	-2.9	-3.4	12/04/2016	Y	0.56	
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-16.0-16.5	JC32870	JC32870-6	16.0 - 16.5 ft	11.1	-4.9	-5.4	12/04/2016	Y	0.44	J
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-18.0-18.5	JC32870	JC32870-7	18.0 - 18.5 ft	11.1	-6.9	-7.4	12/04/2016	Y	< 0.32	U
C'10A	GAR-PDI-C'10A	GAR-PDI-C'10A-20.0-20.5	JC32870	JC32870-9	20.0 - 20.5 ft	11.1	-8.9	-9.4	12/04/2016	Y	< 0.32	U
C11B	114-C11B-CC-PB	114-C11B-PB-6.0-6.5	JB77397	JB77397-2	6.0 - 6.5 ft	11.3	5.3	4.8	09/23/2014	Y	194	
C11B	114-C11B-CC-SW	114-C11B-SW-2.0-2.5	JB77397	JB77397-5	2.0 - 2.5 ft	11.3	9.3	8.8	09/23/2014	Y	248	
C11B	114-C11B-CC-SW	114-C11B-SW-4.0-4.5	JB77397	JB77397-4	4.0 - 4.5 ft	11.3	7.3	6.8	09/23/2014	Y	81.1	
C11B	114-C11B-CC-SW	114-C11B-SW-5.5-6.0	JB77397	JB77397-3	5.5 - 6.0 ft	11.3	5.8	5.3	09/23/2014	Y	109	
C11B	GAR-PDI-B11B	GAR-PDI-B11B-8.0-8.5	JC32549R	JC32549-9R	8.0 - 8.5 ft	11.9	3.9	3.4	11/30/2016	Y	1790	J
C11B	GAR-PDI-B11B	GAR-PDI-B11B-10.0-10.5	JC32549	JC32549-2	10.0 - 10.5 ft	11.9	1.9	1.4	11/30/2016	Y	14.6	J
C11B	GAR-PDI-B11B	GAR-PDI-B11B-12.0-12.5	JC32549R	JC32549-3R	12.0 - 12.5 ft	11.9	-0.1	-0.6	11/30/2016	Y	14.3	J
C11B	GAR-PDI-B11B	GAR-PDI-B11B-13.0-13.5	JC32549R	JC32549-4R	13.0 - 13.5 ft	11.9	-1.1	-1.6	11/30/2016	Y	0.33	J
C11B	GAR-PDI-B11B	GAR-PDI-B11B-13.5-14.0	JC32549	JC32549-5	13.5 - 14.0 ft	11.9	-1.6	-2.1	11/30/2016	Y	1450	J
C11B	GAR-PDI-B11B	GAR-PDI-B11B-14.5-15.0	JC32549R	JC32549-6R	14.5 - 15.0 ft	11.9	-2.6	-3.1	11/30/2016	Y	2.6	J
C11B	GAR-PDI-C11B	GAR-PDI-C11B-9.0-9.5	JC32774	JC32774-4	9.0 - 9.5 ft	12.0	3.0	2.5	12/02/2016	Y	4470	J
C11B	GAR-PDI-C11B	GAR-PDI-C11B-9.0-9.5X	JC32774	JC32774-5	9.0 - 9.5 ft	12.0	3.0	2.5	12/02/2016	Y	3360	J
C11B	GAR-PDI-C11B	GAR-PDI-C11B-16.0-16.5	JC33206	JC33206-9	16.0 - 16.5 ft	12.0	-4.0	-4.5	12/08/2016	Y	15.0	J
C11B	GAR-PDI-C11B	GAR-PDI-C11B-18.0-18.5	JC33206	JC33206-10	18.0 - 18.5 ft	12.0	-6.0	-6.5	12/08/2016	Y	1.8	J
C11B	GAR-PDI-C11B	GAR-PDI-C11B-20.0-20.5	JC33206	JC33206-11	20.0 - 20.5 ft	12.0	-8.0	-8.5	12/08/2016	Y	1.5	J
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-0.3-0.8	JC32870	JC32870-15	0.3 - 0.8 ft	11.6	11.3	10.8	12/04/2016	Y	7.2	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-2.0-2.5	JC32870	JC32870-21	2.0 - 2.5 ft	11.6	9.6	9.1	12/04/2016	Y	1.3	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-2.0-2.5X	JC32870	JC32870-22	2.0 - 2.5 ft	11.6	9.6	9.1	12/04/2016	Y	1.2	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-2.5-3.0	JC32870	JC32870-23	2.5 - 3.0 ft	11.6	9.1	8.6	12/04/2016	Y	0.64	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-4.0-4.5	JC32870	JC32870-25	4.0 - 4.5 ft	11.6	7.6	7.1	12/04/2016	Y	0.57	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-6.0-6.5	JC32870	JC32870-26	6.0 - 6.5 ft	11.6	5.6	5.1	12/04/2016	Y	5.1	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-8.0-8.5	JC32870	JC32870-27	8.0 - 8.5 ft	11.6	3.6	3.1	12/04/2016	Y	0.54	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-10.0-10.5	JC32870	JC32870-16	10.0 - 10.5 ft	11.6	1.6	1.1	12/04/2016	Y	0.58	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-12.0-12.5	JC32870	JC32870-17	12.0 - 12.5 ft	11.6	-0.4	-0.9	12/04/2016	Y	0.48	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-14.0-14.5	JC32870	JC32870-18	14.0 - 14.5 ft	11.6	-2.4	-2.9	12/04/2016	Y	< 0.32	U
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-16.0-16.5	JC32870	JC32870-19	16.0 - 16.5 ft	11.6	-4.4	-4.9	12/04/2016	Y	0.70	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-18.0-18.5	JC32870	JC32870-20	18.0 - 18.5 ft	11.6	-6.4	-6.9	12/04/2016	Y	0.61	
C'12A	GAR-PDI-C'12A	GAR-PDI-C'12A-20.0-20.5	JC32870	JC32870-24	20.0 - 20.5 ft	11.6	-8.4	-8.9	12/04/2016	Y	0.56	
C12B	114-C12B-CC-PB	114-C12B-PB-6.0-6.5	JB77550R	JB77550-2R	6.0 - 6.5 ft	11.3	5.3	4.8	09/24/2014	Y	195	J
C12B	114-C12B-CC-SW	114-C12B-SW-2.0-2.5	JB77550R	JB77550-5R	2.0 - 2.5 ft	11.3	9.3	8.8	09/24/2014	Y	85.0	J
C12B	114-C12B-CC-SW	114-C12B-SW-4.0-4.5	JB77550R	JB77550-4R	4.0 - 4.5 ft	11.3	7.3	6.8	09/24/2014	Y	110	J
C12B	114-C12B-CC-SW	114-C12B-SW-5.5-6.0	JB77550R	JB77550-3R	5.5 - 6.0 ft	11.3	5.8	5.3	09/24/2014	Y	206	J
C12B	GAR-PDI-C12B	GAR-PDI-C12B-8.5-9.0	JC37244R	JC37244-8R	8.5 - 9.0 ft	12.3	3.8	3.3	02/15/2017	Y	1870	J
C12B	GAR-PDI-C12B	GAR-PDI-C12B-9.0-9.5	JC37244	JC37244-9	9.0 - 9.5 ft	12.3	3.3	2.8	02/15/2017	Y	1450	J
C12B	GAR-PDI-C12B	GAR-PDI-C12B-10.5-11.0	JC37244	JC37244-2	10.5 - 11.0 ft	12.3	1.8	1.3	02/15/2017	Y	1500	J
C12B	GAR-PDI-C12B	GAR-PDI-C12B-14.0-14.5	JC37244R	JC37244-3R	14.0 - 14.5 ft	12.3	-1.7	-2.2	02/15/2017	Y	1.5	J
C12B	GAR-PDI-C12B	GAR-PDI-C12B-16.0-16.5	JC37244	JC37244-4	16.0 - 16.5 ft	12.3	-3.7	-4.2	02/15/2017	Y	59.0	J
C12B	GAR-PDI-C12B	GAR-PDI-C12B-18.0-18.5	JC37244R	JC37244-5R	18.0 - 18.5 ft	12.3	-5.7	-6.2	02/15/2017	Y	25.7	J
C12B	GAR-PDI-C12B	GAR-PDI-C12B-20.0-20.5	JC37244R	JC37244-6R	20.0 - 20.5 ft	12.3	-7.7	-8.2	02/15/2017	Y	21.1	J

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-0.3-0.8	JC32140	JC32140-41	0.3 - 0.8 ft	11.7	11.4	10.9	11/20/2016	Y	3.6	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-2.0-2.5	JC32140R	JC32140-47R	2.0 - 2.5 ft	11.7	9.7	9.2	11/20/2016	Y	0.94	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-4.0-4.5	JC32140	JC32140-49	4.0 - 4.5 ft	11.7	7.7	7.2	11/20/2016	Y	1.3	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-6.0-6.5	JC32140	JC32140-50	6.0 - 6.5 ft	11.7	5.7	5.2	11/20/2016	Y	1.2	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-6.5-7.0	JC32140	JC32140-51	6.5 - 7.0 ft	11.7	5.2	4.7	11/20/2016	Y	0.69	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-7.0-7.5	JC32140R	JC32140-52R	7.0 - 7.5 ft	11.7	4.7	4.2	11/20/2016	Y	0.51	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-8.0-8.5	JC32140	JC32140-53	8.0 - 8.5 ft	11.7	3.7	3.2	11/20/2016	Y	0.37	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-10.0-10.5	JC32140R	JC32140-42R	10.0 - 10.5 ft	11.7	1.7	1.2	11/20/2016	Y	0.91	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-12.0-12.5	JC32140	JC32140-43	12.0 - 12.5 ft	11.7	-0.3	-0.8	11/20/2016	Y	0.77	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-14.0-14.5	JC32140R	JC32140-44R	14.0 - 14.5 ft	11.7	-2.3	-2.8	11/20/2016	Y	0.52	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-16.0-16.5	JC32140	JC32140-45	16.0 - 16.5 ft	11.7	-4.3	-4.8	11/20/2016	Y	1.2	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-18.0-18.5	JC32140	JC32140-46	18.0 - 18.5 ft	11.7	-6.3	-6.8	11/20/2016	Y	1.2	J
C'13A	GAR-PDI-C'13A	GAR-PDI-C'13A-20.0-20.5	JC32140	JC32140-48	20.0 - 20.5 ft	11.7	-8.3	-8.8	11/20/2016	Y	2.9	J
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-0.5-1.0	JC35045	JC35045-4	0.5 - 1.0 ft	10.7	10.2	9.7	01/08/2017	Y	7.2	
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-2.5-3.0	JC35045	JC35045-10	2.5 - 3.0 ft	10.7	8.2	7.7	01/08/2017	Y	5.7	
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-4.5-5.0	JC35045	JC35045-12	4.5 - 5.0 ft	10.7	6.2	5.7	01/08/2017	Y	< 0.34	U
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-6.0-6.5	JC35045	JC35045-13	6.0 - 6.5 ft	10.7	4.7	4.2	01/08/2017	Y	0.58	
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-6.5-7.0	JC35045	JC35045-14	6.5 - 7.0 ft	10.7	4.2	3.7	01/08/2017	Y	< 0.35	UJ
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-8.5-9.0X	JC35045	JC35045-16	6.5 - 7.0 ft	10.7	4.2	3.7	01/08/2017	Y	< 0.32	UJ
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-8.5-9.0	JC35045	JC35045-15	8.5 - 9.0 ft	10.7	2.2	1.7	01/08/2017	Y	0.50	J
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-10.5-11.0	JC35045	JC35045-5	10.5 - 11.0 ft	10.7	0.2	-0.3	01/08/2017	Y	< 0.32	U
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-12.5-13.0	JC35045	JC35045-6	12.5 - 13.0 ft	10.7	-1.8	-2.3	01/08/2017	Y	< 0.32	U
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-14.5-15.0	JC35045	JC35045-7	14.5 - 15.0 ft	10.7	-3.8	-4.3	01/08/2017	Y	0.37	J
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-16.5-17.0	JC35045	JC35045-8	16.5 - 17.0 ft	10.7	-5.8	-6.3	01/08/2017	Y	< 0.32	U
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-18.5-19.0	JC35045	JC35045-9	18.5 - 19.0 ft	10.7	-7.8	-8.3	01/08/2017	Y	< 0.31	U
C'7A	GAR-PDI-C'7A	GAR-PDI-C'7A-20.0-20.5	JC35045	JC35045-11	20.0 - 20.5 ft	10.7	-9.3	-9.8	01/08/2017	Y	< 0.32	U
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-0.5-1.0	JC35045R	JC35045-17R	0.5 - 1.0 ft	10.9	10.4	9.9	01/08/2017	Y	2.9	
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-1.5-2.0	JC35045R	JC35045-18R	1.5 - 2.0 ft	10.9	9.4	8.9	01/08/2017	Y	2.5	
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-2.0-2.5	JC35045R	JC35045-24R	2.0 - 2.5 ft	10.9	8.9	8.4	01/08/2017	Y	1.5	
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-4.0-4.5	JC35045R	JC35045-26R	4.0 - 4.5 ft	10.9	6.9	6.4	01/08/2017	Y	3.8	
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-6.0-6.5	JC35045R	JC35045-27R	6.0 - 6.5 ft	10.9	4.9	4.4	01/08/2017	Y	0.74	
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-8.0-8.5	JC35045	JC35045-28	8.0 - 8.5 ft	10.9	2.9	2.4	01/08/2017	Y	< 0.32	U
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-10.0-10.5	JC35045R	JC35045-19R	10.0 - 10.5 ft	10.9	0.9	0.4	01/08/2017	Y	2.3	
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-12.0-12.5	JC35045R	JC35045-20R	12.0 - 12.5 ft	10.9	-1.1	-1.6	01/08/2017	Y	0.70	J
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-14.0-14.5	JC35045R	JC35045-21R	14.0 - 14.5 ft	10.9	-3.1	-3.6	01/08/2017	Y	0.45	
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-16.0-16.5	JC35045	JC35045-22	16.0 - 16.5 ft	10.9	-5.1	-5.6	01/08/2017	Y	< 0.32	UJ
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-18.0-18.5	JC35045	JC35045-23	18.0 - 18.5 ft	10.9	-7.1	-7.6	01/08/2017	Y	< 0.32	U
C'8A	GAR-PDI-C'8A	GAR-PDI-C'8A-20.0-20.5	JC35045R	JC35045-25R	20.0 - 20.5 ft	10.9	-9.1	-9.6	01/08/2017	Y	1.1	

Table 2-2
Hexavalent Chromium Analytical Results for In-Place Soil Compared to Chromium Soil Cleanup Criterion
Remedial Action Work Plan (Soil)
Garfield Avenue Roadway
PPG, Jersey City, New Jersey

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	Analyte	CHROMIUM (HEXAVALENT)
											CAS RN	18540-29-9
											Units	mg/kg
											CrSCC	20
											Result	Qualifier
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-1.0-1.5	JC32870	JC32870-28	1.0 - 1.5 ft	10.7	9.7	9.2	12/04/2016	Y	3.0	
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-2.0-2.5	JC32870	JC32870-35	2.0 - 2.5 ft	10.7	8.7	8.2	12/04/2016	Y	0.41	J
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-2.5-3.0	JC32870	JC32870-36	2.5 - 3.0 ft	10.7	8.2	7.7	12/04/2016	Y	< 0.36	U
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-4.0-4.5	JC32870	JC32870-38	4.0 - 4.5 ft	10.7	6.7	6.2	12/04/2016	Y	1.2	
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-6.0-6.5	JC32870	JC32870-39	6.0 - 6.5 ft	10.7	4.7	4.2	12/04/2016	Y	0.81	
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-8.0-8.5	JC32870	JC32870-40	8.0 - 8.5 ft	10.7	2.7	2.2	12/04/2016	Y	1.0	
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-10.0-10.5	JC32870	JC32870-29	10.0 - 10.5 ft	10.7	0.7	0.2	12/04/2016	Y	< 0.34	U
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-12.0-12.5	JC32870	JC32870-30	12.0 - 12.5 ft	10.7	-1.3	-1.8	12/04/2016	Y	< 0.35	U
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-12.0-12.5X	JC32870	JC32870-31	12.0 - 12.5 ft	10.7	-1.3	-1.8	12/04/2016	Y	< 0.35	U
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-14.0-14.5	JC32870	JC32870-32	14.0 - 14.5 ft	10.7	-3.3	-3.8	12/04/2016	Y	0.36	J
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-16.0-16.5	JC32870	JC32870-33	16.0 - 16.5 ft	10.7	-5.3	-5.8	12/04/2016	Y	< 0.33	U
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-18.0-18.5	JC32870	JC32870-34	18.0 - 18.5 ft	10.7	-7.3	-7.8	12/04/2016	Y	< 0.34	U
C9A	GAR-PDI-C'9A	GAR-PDI-C'9A-20.0-20.5	JC32870	JC32870-37	20.0 - 20.5 ft	10.7	-9.3	-9.8	12/04/2016	Y	< 0.34	U

Notes:

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

U - Indicates that the analyte was not detected at the reported Method Detection Limit.

UJ - The analyte was not detected above the sample reporting limit shown and the reporting limit was approximate.

Bolded value - Indicates exceedance of NJDEP CrSCC

bgs - below ground surface

CAS RN - Chemical Abstracts Service Registry Number

CrSCC - NJDEP Interim Chromium Soil Cleanup Criteria

ft - feet or foot

mg/kg - milligrams per kilogram

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

SDG - Sample Delivery Group

X - field duplicate samples are typically denoted with a Sample ID ending in 'X'.