Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
AA11B	EF-06	10.3	EF-B06-2.0	2.0 - 2.5	8.3	7.8	460-25254-11	460252541	04/12/2011	remaining	N	Y		< 0.59	U	**S1, S2**
AA11B	EF-06	10.3	EF-B06-4.0	4.0 - 4.5	6.3	5.8	460-25254-13	460252541	04/12/2011	remaining	N	Y		1.0	J	**S1, S3**
AA11B	EF-06	10.3	EF-B06-6.0	6.0 - 6.5	4.3	3.8	460-25301-1	460253011	04/13/2011	remaining	N	Y		< 0.61	U	**S1, S4**
AA11B	EF-06	10.3	EF-B06-10.0	10.0 - 10.5	0.3	-0.2	460-25301-2	460253011	04/13/2011	remaining	N	Y		< 0.60	U	**S1**
AA11B	EF-06	10.3	EF-B06-12.0	12.0 - 12.5	-1.7	-2.2	460-25301-3	460253011	04/13/2011	remaining	N	Y	UNDno (SM)	**32.4**		**S1, S4**
AA11B	EF-06	10.3	EF-B06-17.0	17.0 - 17.5	-6.7	-7.2	460-25301-4	460253011	04/13/2011	remaining	N	Y	UNDno (SM)	**44.8**		**S1, S4**
AA11B	EF-06	10.3	EF-B06-22.0	22.0 - 22.5	-11.7	-12.2	460-25301-5	460253011	04/13/2011	remaining	N	Y	SM	**98.8**		**S1, S5**
AA11B	FS2	10.0	FS2-8.0-8.5	8.0 - 8.5	2.0	1.5	JB62810-1	JB62810	03/24/2014	remaining	N	Y	FILL (FILL)	**54.1**		**S1, S4**
AA11B	FS2	10.0	FS2-10.0-10.5	10.0 - 10.5	0.0	-0.5	JB62810-3	JB62810	03/24/2014	remaining	N	Y	FILL (FILL)	**55.9**		**S1, S4**
AA11B	FS2	10.0	FS2-12.0-12.5	12.0 - 12.5	-2.0	-2.5	JB62810-4	JB62810	03/24/2014	remaining	N	Y	UNDno (SM)	**21.9**		**S1, S4**
AA11B	FS2	10.0	FS2-15.0-15.5	15.0 - 15.5	-5.0	-5.5	JB62810-5	JB62810	03/24/2014	remaining	N	Y		17.0		**S1**
AA11B	FS2	10.0	FS2-15.0-15.5X	15.0 - 15.5	-5.0	-5.5	JB62810-6	JB62810	03/24/2014	remaining	FD	Y		18.1		**S1**
AA11B	FS2	10.0	FS2-17.0-17.5	17.0 - 17.5	-7.0	-7.5	JB62810-7	JB62810	03/24/2014	remaining	N	Y		14.8		**S1**
AA11B	FS2	10.0	FS2-18.0-18.5	18.0 - 18.5	-8.0	-8.5	JB62810-8	JB62810	03/24/2014	remaining	N	Y		10.6		**S1**
AA11B	FS2	10.0	FS2-20.0-20.5	20.0 - 20.5	-10.0	-10.5	JB62810-10	JB62810	03/24/2014	remaining	N	Y	SM	**25.0**		**S1, S5**
AA11B	FS2	10.0	FS2-22.0-22.5	22.0 - 22.5	-12.0	-12.5	JB62810-11	JB62810	03/24/2014	remaining	N	Y	SM	**24.6**		**S1, S5**
AA11B	FS2	10.0	FS2-24.0-24.5	24.0 - 24.5	-14.0	-14.5	JB62810-12	JB62810	03/24/2014	remaining	N	Y	SM	**23.4**		**S1, S5**
AA11B	FS2	10.0	FS2-26.0-26.5	26.0 - 26.5	-16.0	-16.5	JB62810-13	JB62810	03/24/2014	remaining	N	Y	SM	**37.2**		**S1, S5**
AA11B	FS2	10.0	FS2-28.0-28.5	28.0 - 28.5	-18.0	-18.5	JB62810-14	JB62810	03/24/2014	remaining	N	Y	SM	**84.2**		**S1, S5**
AA11B	FS2	10.0	FS2-30.0-30.5	30.0 - 30.5	-20.0	-20.5	JB62810-16	JB62810	03/24/2014	remaining	N	Y		0.64		**S1**
AA11B	FS2	10.0	FS2-32.0-32.5	32.0 - 32.5	-22.0	-22.5	JB62810-17	JB62810	03/24/2014	remaining	N	Y		0.28	J	**S1**
AA11B	FS2	10.0	FS2-34.0-34.5	34.0 - 34.5	-24.0	-24.5	JB62810-18	JB62810	03/24/2014	remaining	N	Y		0.16	J	**S1**
AA11B	FS2	10.0	FS2-36.0-36.5	36.0 - 36.5	-26.0	-26.5	JB62810-19	JB62810	03/24/2014	remaining	N	Y		0.27	J	**S1**
AA11B	FS2	10.0	FS2-38.0-38.5	38.0 - 38.5	-28.0	-28.5	JB62810-20	JB62810	03/24/2014	remaining	N	Y		0.11	J	**S1**
AA11B	FS-AA10B-SW-N2	9.9	FS-AA10B-SW-N-2.9-3.4	2.9 - 3.4	7.0	6.5	JC46311-2	JC46311	07/01/2017	remaining	N	Y		< 0.43	UJ	**S1**
AA11B	FSTP3-SewerLine	9.7	FSTP3-6.8-7.3	6.8 - 7.3	2.9	2.4	JB61214-2	JB61214	03/06/2014	remaining	N	Y		18.2	J	**S1**
AA11B	P4-FOR-AA11B	10.3	P4-FOR-AA11B-6.5-7.0	6.5 - 7.0	3.8	3.3	JC22346-3	JC22346	06/16/2016	remaining	N	Y		0.81	J	**S1**
AA11B	P4-FOR-AA11BR	10.3	P4-FOR-AA11BR-7.0-7.5	7.0 - 7.5	3.3	2.8	JC29975-3	JC29975	10/19/2016	remaining	N	Y	FILL (FILL)	**47.3**	**J**	**S1, S4**
AA11B	P4-FOR-AA11BR	10.3	P4-FOR-AA11BR-14.0-14.5	14.0 - 14.5	-3.7	-4.2	JC29975-2R	JC29975R	10/19/2016	remaining	N	Y		19.1	J	**S1**
AA11B	P4-FOR-AA12B	9.8	P4-FOR-AA12B-2.0-2.5	2.0 - 2.5	7.8	7.3	JC22762-3	JC22762	06/22/2016	remaining	N	Y		0.64	J	**S1, S4**
AA11B	P4-FOR-AA12B	9.8	P4-FOR-AA12B-4.0-4.5	4.0 - 4.5	5.8	5.3	JC22762-4	JC22762	06/22/2016	remaining	N	Y		< 0.36	UJ	**S1, S4**
AA11B	P4-FOR-AA12B	9.8	P4-FOR-AA12B-6.0-6.5	6.0 - 6.5	3.8	3.3	JC22762-5R	JC22762R	06/22/2016	remaining	N	Y	FILL (FILL)	**61.7**	**J**	**S1, S4**
AA11B	P4-FOR-AA12B	9.8	P4-FOR-AA12B-6.5-7.0	6.5 - 7.0	3.3	2.8	JC22762-6R	JC22762R	06/22/2016	remaining	N	Y	UNDno (ML)	**40.4**	**J**	**S1, S4**
AA11B	P4-FOR-AA12BR	9.7	P4-FOR-AA12BR-8.0-8.5	8.0 - 8.5	1.7	1.2	JC30142-9	JC30142	10/20/2016	remaining	N	Y		1.3	J	**S1**
AA11B	P4-FOR-AA12BR	9.7	P4-FOR-AA12BR-10.0-10.5	10.0 - 10.5	-0.3	-0.8	JC30142-2	JC30142	10/20/2016	remaining	N	Y		0.39	J	**S1**
AA11B	P4-FOR-AA12BR	9.7	P4-FOR-AA12BR-12.0-12.5	12.0 - 12.5	-2.3	-2.8	JC30142-3	JC30142	10/20/2016	remaining	N	Y	UNDno (ML)	**22.3**	**J**	**S1, S4**
AA11B	P4-FOR-AA12BR	9.7	P4-FOR-AA12BR-14.0-14.5	14.0 - 14.5	-4.3	-4.8	JC30142-4	JC30142	10/20/2016	remaining	N	Y	UNDno (SW)	**30.0**	**J**	**S1, S4**
AA11B	P4-FOR-AA12BR	9.7	P4-FOR-AA12BR-16.0-16.5	16.0 - 16.5	-6.3	-6.8	JC30142-5	JC30142	10/20/2016	remaining	N	Y		9.2	J	**S1**
AA11B	P4-FOR-AA12BR	9.7	P4-FOR-AA12BR-16.0-16.5X	16.0 - 16.5	-6.3	-6.8	JC30142-6	JC30142	10/20/2016	remaining	FD	Y		12.0	J	**S1**
AA11B	P4-FOR-AA12BR	9.7	P4-FOR-AA12BR-18.0-18.5	18.0 - 18.5	-8.3	-8.8	JC30142-7	JC30142	10/20/2016	remaining	N	Y		10.5	J	**S1**
AA11B	P4-FOR-AA12BR	9.7	P4-FOR-AA12BR-20.0-20.5	20.0 - 20.5	-10.3	-10.8	JC30142-8	JC30142	10/20/2016	remaining	N	Y		8.0	J	**S1**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-0.5-1.0	0.5 - 1.0	10.8	10.3	JC31880-2	JC31880	11/16/2016	remaining	N	Y		1.2	J	**S6**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-2.0-2.5	2.0 - 2.5	9.3	8.8	JC31880-8	JC31880	11/16/2016	remaining	N	Y		2.5	J	**S6**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-4.0-4.5	4.0 - 4.5	7.3	6.8	JC31880-10	JC31880	11/16/2016	remaining	N	Y		1.6	J	**S6**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-6.0-6.5	6.0 - 6.5	5.3	4.8	JC31880-11	JC31880	11/16/2016	remaining	N	Y		0.70	J	**S6**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-7.0-7.5	7.0 - 7.5	4.3	3.8	JC31880-12	JC31880	11/16/2016	remaining	N	Y		2.9	J	**S6**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-7.5-8.0	7.5 - 8.0	3.8	3.3	JC31880-13	JC31880	11/16/2016	remaining	N	Y	UNDno (SM)	9.0	J	**S6, S7**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-8.0-8.5	8.0 - 8.5	3.3	2.8	JC31880-14	JC31880	11/16/2016	remaining	N	Y	UNDno (SM)	**66.7**	**J**	**S6, S7**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-8.0-8.5X	8.0 - 8.5	3.3	2.8	JC31880-15	JC31880	11/16/2016	remaining	FD	Y	UNDno (SM)	**84.8**	**J**	**S6, S7**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-10.0-10.5	10.0 - 10.5	1.3	0.8	JC31880-3	JC31880	11/16/2016	remaining	N	Y		0.68	J	**S6**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-12.0-12.5	12.0 - 12.5	-0.7	-1.2	JC31880-4R	JC31880R	11/16/2016	remaining	N	Y	UNDno (SM)	**44.6**	**J**	**S6, S7**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-14.0-14.5	14.0 - 14.5	-2.7	-3.2	JC31880-5R	JC31880R	11/16/2016	remaining	N	Y	UNDno (SM)	**31.5**	**J**	**S6, S7**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-16.0-16.5	16.0 - 16.5	-4.7	-5.2	JC31880-6R	JC31880R	11/16/2016	remaining	N	Y		16.1	J	**S6**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-18.0-18.5	18.0 - 18.5	-6.7	-7.2	JC31880-7R	JC31880R	11/16/2016	remaining	N	Y	UNDno (SP)	**21.1**	**J**	**S6, S7**
AA12B	NFS-PDI-BB12B	11.3	NFS-PDI-BB12B-20.0-20.5	20.0 - 20.5	-8.7	-9.2	JC31880-9	JC31880	11/16/2016	remaining	N	Y		10.5	J	**S6**
AA13B	EF-73	9.5	EF-B73-2.5	2.5 - 3.0	7.0	6.5	460-29620-6	460296201	08/05/2011	remaining	N	Y		< 0.61	UJ	**S6**
AA13B	EF-73	9.5	EF-B73-7.5	7.5 - 8.0	2.0	1.5	460-29712-3	460297121	08/08/2011	remaining	N	Y		< 0.69	U	**S6**
AA13B	EF-73	9.5	EF-B73-7.5X	7.5 - 8.0	2.0	1.5	460-29712-4	460297121	08/08/2011	remaining	FD	Y		0.95	J	**S6**
AA13B	EF-73	9.5	EF-B73-12.5	12.5 - 13.0	-3.0	-3.5	460-29712-5	460297121	08/08/2011	remaining	N	Y	UNDno (SP-SM)	5.6		**S6, S8**
AA13B	EF-73	9.5	EF-B73-17.5	17.5 - 18.0	-8.0	-8.5	460-29712-6	460297121	08/08/2011	remaining	N	Y	UNDno (SP-SM)	**24.6**		**S6, S8**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20			
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
AA13B	EF-73	9.5	EF-B73-22.5	22.5 - 23.0	-13.0	-13.5	460-29712-7	460297121	08/08/2011	remaining	N	Y	SP-SM	**217**		**S6, S9**
AA13B	EF-73A	9.5	EF-73A-0.0-0.5	0.0 - 0.5	9.5	9.0	JB95926-1	JB95926	06/01/2015	remaining	N	Y		< 0.21	UJ	**S6**
AA13B	EF-73A	9.5	EF-73A-2.0-2.5	2.0 - 2.5	7.5	7.0	JB95926-2	JB95926	06/01/2015	remaining	N	Y		< 0.23	UJ	**S6**
AA13B	EF-73A	9.5	EF-73A-4.0-4.5	4.0 - 4.5	5.5	5.0	JB95926-3R	JB95926R	06/01/2015	remaining	N	Y		6.1	J	**S6**
AA13B	EF-73A	9.5	EF-73A-6.0-6.5	6.0 - 6.5	3.5	3.0	JB95926-4	JB95926	06/01/2015	remaining	N	Y		< 0.24	UJ	**S6**
AA13B	EF-73A	9.5	EF-73A-8.0-8.5	8.0 - 8.5	1.5	1.0	JB95926-5R	JB95926R	06/01/2015	remaining	N	Y		0.28	J	**S6**
AA13B	EF-73A	9.5	EF-73A-10.0-10.5	10.0 - 10.5	-0.5	-1.0	JB95926-8R	JB95926R	06/01/2015	remaining	N	Y	UNDno (SM)	1.4	J	**S6, S8**
AA13B	EF-73A	9.5	EF-73A-10.0-10.5X	10.0 - 10.5	-0.5	-1.0	JB95926-9R	JB95926R	06/01/2015	remaining	FD	Y	UNDno (SM)	0.95	J	**S6, S8**
AA13B	EF-73A	9.5	EF-73A-12.0-12.5	12.0 - 12.5	-2.5	-3.0	JB95926-10R	JB95926R	06/01/2015	remaining	N	Y	UNDno (SM)	4.7	J	**S6, S8**
AA13B	EF-73A	9.5	EF-73A-14.0-14.5	14.0 - 14.5	-4.5	-5.0	JB95926-11R	JB95926R	06/01/2015	remaining	N	Y	UNDno (SM)	8.9	J	**S6, S8**
AA13B	EF-73A	9.5	EF-73A-16.0-16.5	16.0 - 16.5	-6.5	-7.0	JB95926-12R	JB95926R	06/01/2015	remaining	N	Y	UNDno (SM)	6.3	J	**S6, S8**
AA13B	EF-73A	9.5	EF-73A-18.0-18.5	18.0 - 18.5	-8.5	-9.0	JB95926-13	JB95926	06/01/2015	remaining	N	Y		7.6	J	**S6**
AA13B	EF-73A	9.5	EF-73A-20.0-20.5	20.0 - 20.5	-10.5	-11.0	JB96034-2	JB96034	06/02/2015	remaining	N	Y		7.7		**S6**
AA13B	EF-73A	9.5	EF-73A-22.0-22.5	22.0 - 22.5	-12.5	-13.0	JB96034-3	JB96034	06/02/2015	remaining	N	Y		14.8		**S6**
AA13B	EF-73A	9.5	EF-73A-24.0-24.5	24.0 - 24.5	-14.5	-15.0	JB96034-4	JB96034	06/02/2015	remaining	N	Y	SM	**27.7**		**S6, S9**
AA13B	EF-73A	9.5	EF-73A-26.0-26.5	26.0 - 26.5	-16.5	-17.0	JB96034-5	JB96034	06/02/2015	remaining	N	Y	SM	**38.9**		**S6, S9**
AA13B	EF-73A	9.5	EF-73A-28.0-28.5	28.0 - 28.5	-18.5	-19.0	JB96034-6	JB96034	06/02/2015	remaining	N	Y	SM	**148**		**S6, S9**
AA13B	EF-73A	9.5	EF-73A-30.0-30.5	30.0 - 30.5	-20.5	-21.0	JB96034-9	JB96034	06/02/2015	remaining	N	Y	SM	**118**		**S6, S9**
AA13B	EF-73A	9.5	EF-73A-32.0-32.5	32.0 - 32.5	-22.5	-23.0	JB96034-10	JB96034	06/02/2015	remaining	N	Y		14.5		**S6**
AA13B	EF-73A	9.5	EF-73A-34.0-34.5	34.0 - 34.5	-24.5	-25.0	JB96034-11	JB96034	06/02/2015	remaining	N	Y		0.40	J	**S6**
AA13B	EF-73A	9.5	EF-73A-36.0-36.5	36.0 - 36.5	-26.5	-27.0	JB96034-12	JB96034	06/02/2015	remaining	N	Y		< 0.23	U	**S6**
AA13B	EF-73A	9.5	EF-73A-38.0-38.5	38.0 - 38.5	-28.5	-29.0	JB96034-13	JB96034	06/02/2015	remaining	N	Y		< 0.23	U	**S6**
AA13B	EF-73A	9.5	EF-73A-39.5-40.0	39.5 - 40.0	-30.0	-30.5	JB96034-14	JB96034	06/02/2015	remaining	N	Y		< 0.22	U	**S6**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-0.5-1.0	0.5 - 1.0	10.0	9.5	JC27616-2	JC27616	09/14/2016	remaining	N	Y		1.1		**S6**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-2.0-2.5	2.0 - 2.5	8.5	8.0	JC27616-8	JC27616	09/14/2016	remaining	N	Y		2.2		**S6**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-4.0-4.5	4.0 - 4.5	6.5	6.0	JC27616-10R	JC27616R	09/14/2016	remaining	N	Y		0.67		**S6**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-5.5-6.0	5.5 - 6.0	5.0	4.5	JC27616-11R	JC27616R	09/14/2016	remaining	N	Y		0.74		**S6**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-6.0-6.5	6.0 - 6.5	4.5	4.0	JC27616-12R	JC27616R	09/14/2016	remaining	N	Y		1.6		**S6**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-8.0-8.5	8.0 - 8.5	2.5	2.0	JC27616-13R	JC27616R	09/14/2016	remaining	N	Y		0.87		**S6**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-10.0-10.5	10.0 - 10.5	0.5	0.0	JC27616-3	JC27616	09/14/2016	remaining	N	Y	UNDno (ML)	0.79		**S6, S8**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-12.0-12.5	12.0 - 12.5	-1.5	-2.0	JC27616-4	JC27616	09/14/2016	remaining	N	Y	UNDno (ML)	0.39	J	**S6, S8**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-14.0-14.5	14.0 - 14.5	-3.5	-4.0	JC27616-5R	JC27616R	09/14/2016	remaining	N	Y	UNDno (SP)	8.1	J	**S6, S8**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-16.0-16.5	16.0 - 16.5	-5.5	-6.0	JC27616-6	JC27616	09/14/2016	remaining	N	Y	UNDno (SP)	6.3	J	**S6, S8**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-18.0-18.5	18.0 - 18.5	-7.5	-8.0	JC27616-7R	JC27616R	09/14/2016	remaining	N	Y	UNDno (SP)	13.0	J	**S6, S8**
AA13B	NFS-PDI-AA13B	10.5	NFS-PDI-AA13B-20.0-20.5	20.0 - 20.5	-9.5	-10.0	JC27616-9	JC27616	09/14/2016	remaining	N	Y		7.8	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-0.5-1.0	0.5 - 1.0	9.8	9.3	JC27917-2	JC27917	09/19/2016	remaining	N	Y		1.8	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-2.5-3.0	2.5 - 3.0	7.8	7.3	JC27917-8	JC27917	09/19/2016	remaining	N	Y	FILL (FILL)	**37.4**	**J**	**S6, S10**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-2.5-3.0X	2.5 - 3.0	7.8	7.3	JC27917-9	JC27917	09/19/2016	remaining	FD	Y	FILL (FILL)	**23.0**	**J**	**S6, S10**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-4.5-5.0	4.5 - 5.0	5.8	5.3	JC27917-11	JC27917	09/19/2016	remaining	N	Y		< 0.34	UJ	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-6.5-7.0	6.5 - 7.0	3.8	3.3	JC27917-12	JC27917	09/19/2016	remaining	N	Y		0.84	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-8.5-9.0	8.5 - 9.0	1.8	1.3	JC27917-13	JC27917	09/19/2016	remaining	N	Y		0.75	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-9.0-9.5	9.0 - 9.5	1.3	0.8	JC27917-14	JC27917	09/19/2016	remaining	N	Y		0.32	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-10.5-11.0	10.5 - 11.0	-0.2	-0.7	JC27917-3	JC27917	09/19/2016	remaining	N	Y		1.3	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-12.5-13.0	12.5 - 13.0	-2.2	-2.7	JC27917-4	JC27917	09/19/2016	remaining	N	Y		< 0.36	UJ	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-14.5-15.0	14.5 - 15.0	-4.2	-4.7	JC27917-5	JC27917	09/19/2016	remaining	N	Y		1.5	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-16.5-17.0	16.5 - 17.0	-6.2	-6.7	JC27917-6	JC27917	09/19/2016	remaining	N	Y		0.33	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-18.5-19.0	18.5 - 19.0	-8.2	-8.7	JC27917-7	JC27917	09/19/2016	remaining	N	Y		1.3	J	**S6**
AA14B	NFS-PDI-AA14B	10.3	NFS-PDI-AA14B-20.0-20.5	20.0 - 20.5	-9.7	-10.2	JC27917-10	JC27917	09/19/2016	remaining	N	Y		1.1	J	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-0.5-1.0	0.5 - 1.0	10.0	9.5	JC31800-1	JC31800	11/15/2016	remaining	N	Y		8.7	J	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-2.0-2.5	2.0 - 2.5	8.5	8.0	JC31800-10	JC31800	11/15/2016	remaining	N	Y		3.4	J	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-4.0-4.5	4.0 - 4.5	6.5	6.0	JC31800-12R	JC31800R	11/15/2016	remaining	N	Y		0.52	J	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-6.0-6.5	6.0 - 6.5	4.5	4.0	JC31800-13R	JC31800R	11/15/2016	remaining	N	Y		0.77	J	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-8.0-8.5	8.0 - 8.5	2.5	2.0	JC31800-14	JC31800	11/15/2016	remaining	N	Y		< 0.34	UJ	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-10.0-10.5	10.0 - 10.5	0.5	0.0	JC31800-2	JC31800	11/15/2016	remaining	N	Y		< 0.37	UJ	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-10.5-11.0	10.5 - 11.0	0.0	-0.5	JC31800-3	JC31800	11/15/2016	remaining	N	Y		0.80	J	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-11.0-11.5	11.0 - 11.5	-0.5	-1.0	JC31800-4	JC31800	11/15/2016	remaining	N	Y		< 0.34	UJ	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-11.0-11.5X	11.0 - 11.5	-0.5	-1.0	JC31800-5R	JC31800R	11/15/2016	remaining	FD	Y		0.43	J	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-12.0-12.5	12.0 - 12.5	-1.5	-2.0	JC31800-6R	JC31800R	11/15/2016	remaining	N	Y		0.50	J	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-14.0-14.5	14.0 - 14.5	-3.5	-4.0	JC31800-7	JC31800	11/15/2016	remaining	N	Y		< 0.33	UJ	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-16.0-16.5	16.0 - 16.5	-5.5	-6.0	JC31800-8	JC31800	11/15/2016	remaining	N	Y		< 0.34	UJ	**S6**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-18.0-18.5	18.0 - 18.5	-7.5	-8.0	JC31800-9	JC31800	11/15/2016	remaining	N	Y		< 0.31	UJ	**S6**
AA15B	NFS-PDI-AA15B	10.5	NFS-PDI-AA15B-20.0-20.5	20.0 - 20.5	-9.5	-10.0	JC31800-11	JC31800	11/15/2016	remaining	N	Y		0.56	J	**S6**
BB10B	FS-BB10B-SW-N	10.2	FS-BB10B-SW-N-3.2-3.7	3.2 - 3.7	7.0	6.5	JC46202-2	JC46202	06/30/2017	remaining	N	Y		11.3	J	**S1**
BB10B	FSP-BB10B-SW-N	10.2	FSP-BB10B-SW-N-1.2-1.7	1.2 - 1.7	9.0	8.5	JC46202-3	JC46202	06/30/2017	remaining	N	Y		1.1	J	**S1**
BB11B	EF-111A	10.4	EF-111A-0.4-0.9	0.4 - 0.9	10.0	9.5	JB98041-3	JB98041	06/27/2015	remaining	N	Y		3.7		**S1**
BB11B	EF-111A	10.4	EF-111A-2.0-2.5	2.0 - 2.5	8.4	7.9	JB98041-4	JB98041	06/27/2015	remaining	N	Y		< 0.22	U	**S1, S11**
BB11B	EF-111A	10.4	EF-111A-3.0-3.5	3.0 - 3.5	7.4	6.9	JB98041-5	JB98041	06/27/2015	remaining	N	Y		< 0.24	U	**S1, S11**
BB11B	EF-111A	10.4	EF-111A-5.0-5.5	5.0 - 5.5	5.4	4.9	JB98041-6	JB98041	06/27/2015	remaining	N	Y		< 0.25	U	**S1, S11**
BB11B	EF-111A	10.4	EF-111A-5.0-5.5X	5.0 - 5.5	5.4	4.9	JB98041-7	JB98041	06/27/2015	remaining	FD	Y		< 0.24	U	**S1, S11**
BB11B	EF-111A	10.4	EF-111A-7.0-7.5	7.0 - 7.5	3.4	2.9	JB98041-8	JB98041	06/27/2015	remaining	N	Y	FILL (FILL)	**48.6**		**S1, S11**
BB11B	EF-111A	10.4	EF-111A-8.0-8.5	8.0 - 8.5	2.4	1.9	JB98041-9	JB98041	06/27/2015	remaining	N	Y	UNDno (SM)	**54.0**		**S1, S11**
BB11B	EF-111A	10.4	EF-111A-10.0-10.5	10.0 - 10.5	0.4	-0.1	JB98041-12	JB98041	06/27/2015	remaining	N	Y		17.7		**S1**
BB11B	EF-111A	10.4	EF-111A-12.0-12.5	12.0 - 12.5	-1.6	-2.1	JB98041-13	JB98041	06/27/2015	remaining	N	Y		9.3		**S1**
BB11B	EF-111A	10.4	EF-111A-13.0-13.5	13.0 - 13.5	-2.6	-3.1	JB98041-14	JB98041	06/27/2015	remaining	N	Y		7.5		**S1**
BB11B	EF-111A	10.4	EF-111A-15.0-15.5	15.0 - 15.5	-4.6	-5.1	JB98041-15	JB98041	06/27/2015	remaining	N	Y		10.4		**S1**
BB11B	EF-111A	10.4	EF-111A-17.0-17.5	17.0 - 17.5	-6.6	-7.1	JB98041-16	JB98041	06/27/2015	remaining	N	Y		11.8		**S1**
BB11B	EF-111A	10.4	EF-111A-18.0-18.5	18.0 - 18.5	-7.6	-8.1	JB98041-17	JB98041	06/27/2015	remaining	N	Y		3.6		**S1**
BB11B	EF-111A	10.4	EF-111A-20.0-20.5	20.0 - 20.5	-9.6	-10.1	JB98041-20	JB98041	06/27/2015	remaining	N	Y		2.1		**S1**
BB11B	EF-111A	10.4	EF-111A-22.0-22.5	22.0 - 22.5	-11.6	-12.1	JB98041-21	JB98041	06/27/2015	remaining	N	Y		4.0		**S1**
BB11B	EF-111A	10.4	EF-111A-23.0-23.5	23.0 - 23.5	-12.6	-13.1	JB98041-22	JB98041	06/27/2015	remaining	N	Y	SM	**34.3**		**S1, S12**
BB11B	EF-111A	10.4	EF-111A-25.0-25.5	25.0 - 25.5	-14.6	-15.1	JB98041-23	JB98041	06/27/2015	remaining	N	Y		2.6		**S1**
BB11B	EF-111A	10.4	EF-111A-30.0-30.5	30.0 - 30.5	-19.6	-20.1	JB98041-26	JB98041	06/27/2015	remaining	N	Y		2.0		**S1**
BB11B	EF-111A	10.4	EF-111A-32.0-32.5	32.0 - 32.5	-21.6	-22.1	JB98041-27	JB98041	06/27/2015	remaining	N	Y		2.1		**S1**
BB11B	EF-111A	10.4	EF-111A-33.0-33.5	33.0 - 33.5	-22.6	-23.1	JB98041-28	JB98041	06/27/2015	remaining	N	Y		< 0.23	U	**S1**
BB11B	EF-111A	10.4	EF-111A-35.0-35.5	35.0 - 35.5	-24.6	-25.1	JB98041-29	JB98041	06/27/2015	remaining	N	Y		0.77		**S1**
BB11B	EF-111A	10.4	EF-111A-37.0-37.5	37.0 - 37.5	-26.6	-27.1	JB98041-30	JB98041	06/27/2015	remaining	N	Y		< 0.23	U	**S1**
BB11B	EF-111A	10.4	EF-111A-39.0-39.5	39.0 - 39.5	-28.6	-29.1	JB98041-31	JB98041	06/27/2015	remaining	N	Y		< 0.23	U	**S1**
BB11B	EF-111A	10.4	EF-111A-39.5-40.0	39.5 - 40.0	-29.1	-29.6	JB98041-32	JB98041	06/27/2015	remaining	N	Y		< 0.22	U	**S1**
BB11B	FS3	10.1	FS3-1.0-1.5	1.0 - 1.5	9.1	8.6	JB62507-1	JB62507	03/20/2014	remaining	N	Y		1.4		**S1**
BB11B	FS3	10.1	FS3-3.0-3.5	3.0 - 3.5	7.1	6.6	JB62507-2	JB62507	03/20/2014	remaining	N	Y		0.52	J	**S1, S11**
BB11B	FS3	10.1	FS3-3.0-3.5X	3.0 - 3.5	7.1	6.6	JB62507-3	JB62507	03/20/2014	remaining	FD	Y		0.46	J	**S1, S11**
BB11B	FS3	10.1	FS3-5.0-5.5	5.0 - 5.5	5.1	4.6	JB62507-4	JB62507	03/20/2014	remaining	N	Y	FILL (FILL)	**54.8**		**S1, S11**
BB11B	FS3	10.1	FS3-7.0-7.5	7.0 - 7.5	3.1	2.6	JB62507-5	JB62507	03/20/2014	remaining	N	Y	FILL (FILL)	**33.2**		**S1, S11**
BB11B	FS3	10.1	FS3-9.0-9.5	9.0 - 9.5	1.1	0.6	JB62507-6	JB62507	03/20/2014	remaining	N	Y	FILL (FILL)	**62.3**		**S1, S11**
BB11B	FS3	10.1	FS3-11.0-11.5	11.0 - 11.5	-0.9	-1.4	JB62507-8	JB62507	03/20/2014	remaining	N	Y	FILL (FILL)	**44.0**		**S1, S11**
BB11B	FS3	10.1	FS3-13.0-13.5	13.0 - 13.5	-2.9	-3.4	JB62507-9	JB62507	03/20/2014	remaining	N	Y		10.6		**S1**
BB11B	FS3	10.1	FS3-15.0-15.5	15.0 - 15.5	-4.9	-5.4	JB62507-10	JB62507	03/20/2014	remaining	N	Y		7.0		**S1**
BB11B	FS3	10.1	FS3-20.0-20.5	20.0 - 20.5	-9.9	-10.4	JB62507-12	JB62507	03/20/2014	remaining	N	Y		13.7		**S1**
BB11B	FS3	10.1	FS3-22.0-22.5	22.0 - 22.5	-11.9	-12.4	JB62507-13	JB62507	03/20/2014	remaining	N	Y		19.6		**S1**
BB11B	FS3	10.1	FS3-24.0-24.5	24.0 - 24.5	-13.9	-14.4	JB62507-14	JB62507	03/20/2014	remaining	N	Y	SM	**38.5**		**S1, S12**
BB11B	FS3	10.1	FS3-26.0-26.5	26.0 - 26.5	-15.9	-16.4	JB62507-15	JB62507	03/20/2014	remaining	N	Y	SM	**63.3**		**S1, S12**
BB11B	FS3	10.1	FS3-28.0-28.5	28.0 - 28.5	-17.9	-18.4	JB62507-16	JB62507	03/20/2014	remaining	N	Y		3.6		**S1**
BB11B	FS3	10.1	FS3-30.0-30.5	30.0 - 30.5	-19.9	-20.4	JB62507-18	JB62507	03/20/2014	remaining	N	Y		0.75		**S1**
BB11B	FS3	10.1	FS3-32.0-32.5	32.0 - 32.5	-21.9	-22.4	JB62507-19	JB62507	03/20/2014	remaining	N	Y		0.14	J	**S1**
BB11B	FS3	10.1	FS3-35.0-35.5	35.0 - 35.5	-24.9	-25.4	JB62507-20	JB62507	03/20/2014	remaining	N	Y		0.37	J	**S1**
BB11B	FS3	10.1	FS3-37.0-37.5	37.0 - 37.5	-26.9	-27.4	JB62507-21	JB62507	03/20/2014	remaining	N	Y		< 0.083	U	**S1**
BB11B	FS4	10.1	FS4-1.0-1.5	1.0 - 1.5	9.1	8.6	JB62666-1R	JB62666R	03/21/2014	remaining	N	Y	FILL (FILL)	**24.0**	**J**	**S1, S13**
BB11B	FS4	10.1	FS4-3.0-3.5	3.0 - 3.5	7.1	6.6	JB62666-2	JB62666	03/21/2014	remaining	N	Y		0.51	J	**S1, S11**
BB11B	FS4	10.1	FS4-3.0-3.5X	3.0 - 3.5	7.1	6.6	JB62666-3	JB62666	03/21/2014	remaining	FD	Y		0.72	J	**S1, S11**
BB11B	FS4	10.1	FS4-5.0-5.5	5.0 - 5.5	5.1	4.6	JB62666-4	JB62666	03/21/2014	remaining	N	Y		0.97	J	**S1**
BB11B	FS4	10.1	FS4-7.0-7.5	7.0 - 7.5	3.1	2.6	JB62666-5	JB62666	03/21/2014	remaining	N	Y	FILL (FILL)	**31.6**	**J**	**S1, S11**
BB11B	FS4	10.1	FS4-9.0-9.5	9.0 - 9.5	1.1	0.6	JB62666-6	JB62666	03/21/2014	remaining	N	Y	FILL (FILL)	**81.1**	**J**	**S1, S11**
BB11B	FS4	10.1	FS4-11.0-11.5	11.0 - 11.5	-0.9	-1.4	JB62666-8	JB62666	03/21/2014	remaining	N	Y		14.4	J	**S1**
BB11B	FS4	10.1	FS4-15.0-15.5	15.0 - 15.5	-4.9	-5.4	JB62666-9R	JB62666R	03/21/2014	remaining	N	Y		6.7	J	**S1**
BB11B	FS4	10.1	FS4-20.0-20.5	20.0 - 20.5	-9.9	-10.4	JB62666-11R	JB62666R	03/21/2014	remaining	N	Y		13.2	J	**S1**
BB11B	FS4	10.1	FS4-22.0-22.5	22.0 - 22.5	-11.9	-12.4	JB62666-12R	JB62666R	03/21/2014	remaining	N	Y		9.5	J	**S1**
BB11B	FS4	10.1	FS4-24.0-24.5	24.0 - 24.5	-13.9	-14.4	JB62666-13R	JB62666R	03/21/2014	remaining	N	Y		14.5	J	**S1**
BB11B	FS4	10.1	FS4-26.0-26.5	26.0 - 26.5	-15.9	-16.4	JB62666-14R	JB62666R	03/21/2014	remaining	N	Y	SM	**104**	**J**	**S1, S12**
BB11B	FS4	10.1	FS4-28.0-28.5	28.0 - 28.5	-17.9	-18.4	JB62666-15R	JB62666R	03/21/2014	remaining	N	Y	SM	**49.1**	**J**	**S1, S12**
BB11B	FS4	10.1	FS4-30.0-30.5	30.0 - 30.5	-19.9	-20.4	JB62666-17R	JB62666R	03/21/2014	remaining	N	Y		2.0	J	**S1**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
BB11B	FS4	10.1	FS4-32.0-32.5	32.0 - 32.5	-21.9	-22.4	JB62666-18	JB62666	03/21/2014	remaining	N	Y		0.86	J	**S1**
BB11B	FS4	10.1	FS4-35.0-35.5	35.0 - 35.5	-24.9	-25.4	JB62666-19	JB62666	03/21/2014	remaining	N	Y		0.30	J	**S1**
BB11B	FS4	10.1	FS4-37.0-37.5	37.0 - 37.5	-26.9	-27.4	JB62666-20	JB62666	03/21/2014	remaining	N	Y		0.14	J	**S1**
BB11B	FSTP2-WaterLine1	9.9	FSTP2-4.3-4.8	4.3 - 4.8	5.6	5.1	JB61122-26	JB61122	03/05/2014	remaining	N	Y		0.53	J	**S1, S11**
BB11B	FSTP3-WaterLine1	9.8	FSTP3-4.6-5.1	4.6 - 5.1	5.2	4.7	JB61214-1	JB61214	03/06/2014	remaining	N	Y		5.1	J	**S1**
BB11B	P4-FOR-BB11B	10.1	P4-FOR-BB11B-7.0-7.5	7.0 - 7.5	3.1	2.6	JC22619-2	JC22619	06/21/2016	remaining	N	Y		19.9		**S1**
BB11B	P4-FOR-BB11B	10.1	P4-FOR-BB11B-7.5-8.0	7.5 - 8.0	2.6	2.1	JC22619-3	JC22619	06/21/2016	remaining	N	Y		19.8		**S1**
BB11B	114-MW25A	10.2	MW25A-1.0	1.0 - 1.5	9.2	8.7	460-34209-3	460342091	12/01/2011	remaining	N	Y		4.5		**S14**
BB11B	114-MW25A	10.2	MW25A-3.0	3.0 - 3.5	7.2	6.7	460-34209-4	460342091	12/01/2011	remaining	N	Y		< 0.89	U	**S14, S15**
BB11B	114-MW25A	10.2	MW25A-4.5	4.5 - 5.0	5.7	5.2	460-34209-13	460342091	12/01/2011	remaining	N	Y		< 1.0	U	**S14, S15**
BB11B	114-MW25A	10.2	MW25A-6.0	6.0 - 6.5	4.2	3.7	460-34285-1	460342851	12/02/2011	remaining	N	Y	FILL (FILL)	**33.7**		**S14, S15**
BB11B	114-MW25A	10.2	MW25A-8.0	8.0 - 8.5	2.2	1.7	460-34285-2	460342851	12/02/2011	remaining	N	Y	FILL (FILL)	**94.2**		**S14, S15**
BB11B	114-MW25A	10.2	MW25A-8.0X	8.0 - 8.5	2.2	1.7	460-34285-3	460342851	12/02/2011	remaining	FD	Y	FILL (FILL)	**109**		**S14, S15**
BB11B	114-MW25A	10.2	MW25A-10.0	10.0 - 10.5	0.2	-0.3	460-34285-4	460342851	12/02/2011	remaining	N	Y		14.1		**S14**
BB11B	114-MW25A	10.2	MW25A-12.0	12.0 - 12.5	-1.8	-2.3	460-34285-5	460342851	12/02/2011	remaining	N	Y	FILL (FILL)	**93.6**		**S14, S15**
BB11B	114-MW25A	10.2	MW25A-14.0	14.0 - 14.5	-3.8	-4.3	460-34285-6	460342851	12/02/2011	remaining	N	Y	UNDno (SP)	**78.6**		**S14, S15**
BB12B	EF-112	10.4	EF-B112-1.0-1.5	1.0 - 1.5	9.4	8.9	JB16184-2	JB16184	09/12/2012	remaining	N	Y	FILL (CCPW)	**66.8**	**J**	**S14, S16, S17**
BB12B	EF-112A	10.5	EF-112A-2.0-2.5	2.0 - 2.5	8.5	8.0	JB61703-1	JB61703	03/12/2014	remaining	N	Y	FILL (CCPW)	**25.6**		**S14, S16, S17**
BB12B	EF-112A	10.5	EF-112A-4.0-4.5	4.0 - 4.5	6.5	6.0	JB61703-21	JB61703	03/12/2014	remaining	N	Y		3.2		**S14, S18**
BB12B	EF-112A	10.5	EF-112A-6.0-6.5	6.0 - 6.5	4.5	4.0	JB61703-22	JB61703	03/12/2014	remaining	N	Y	FILL (FILL)	**30.8**		**S14, S18**
BB12B	EF-112A	10.5	EF-112A-8.0-8.5	8.0 - 8.5	2.5	2.0	JB61703-23	JB61703	03/12/2014	remaining	N	Y	FILL (FILL)	**121**		**S14, S18**
BB12B	EF-112A	10.5	EF-112A-10.0-10.5	10.0 - 10.5	0.5	0.0	JB61703-4	JB61703	03/12/2014	remaining	N	Y	FILL (FILL)	**26.2**		**S14, S18**
BB12B	EF-112A	10.5	EF-112A-12.0-12.5	12.0 - 12.5	-1.5	-2.0	JB61703-5	JB61703	03/12/2014	remaining	N	Y	FILL (FILL)	**54.8**		**S14, S18**
BB12B	EF-112A	10.5	EF-112A-14.0-14.5	14.0 - 14.5	-3.5	-4.0	JB61703-6	JB61703	03/12/2014	remaining	N	Y		5.5		**S14**
BB12B	EF-112A	10.5	EF-112A-14.0-14.5X	14.0 - 14.5	-3.5	-4.0	JB61703-7	JB61703	03/12/2014	remaining	FD	Y		5.4		**S14**
BB12B	EF-112A	10.5	EF-112A-16.0-16.5	16.0 - 16.5	-5.5	-6.0	JB61703-8	JB61703	03/12/2014	remaining	N	Y		6.6		**S14**
BB12B	EF-112A	10.5	EF-112A-18.0-18.5	18.0 - 18.5	-7.5	-8.0	JB61703-9	JB61703	03/12/2014	remaining	N	Y	UNDno (SM)	**29.6**		**S14, S18**
BB12B	EF-112A	10.5	EF-112A-20.0-20.5	20.0 - 20.5	-9.5	-10.0	JB61703-10	JB61703	03/12/2014	remaining	N	Y		19.8		**S14**
BB12B	EF-112A	10.5	EF-112A-22.0-22.5	22.0 - 22.5	-11.5	-12.0	JB61703-11	JB61703	03/12/2014	remaining	N	Y	SM	**22.6**		**S14, S19**
BB12B	EF-112A	10.5	EF-112A-24.0-24.5	24.0 - 24.5	-13.5	-14.0	JB61703-12	JB61703	03/12/2014	remaining	N	Y		14.0		**S14**
BB12B	EF-112A	10.5	EF-112A-26.0-26.5	26.0 - 26.5	-15.5	-16.0	JB61703-13	JB61703	03/12/2014	remaining	N	Y	SM	**86.8**		**S14, S19**
BB12B	EF-112A	10.5	EF-112A-28.0-28.5	28.0 - 28.5	-17.5	-18.0	JB61703-14	JB61703	03/12/2014	remaining	N	Y	SM	**33.2**		**S14, S19**
BB12B	EF-112A	10.5	EF-112A-30.0-30.5	30.0 - 30.5	-19.5	-20.0	JB61703-24	JB61703	03/12/2014	remaining	N	Y		17.0		**S14**
BB12B	EF-112A	10.5	EF-112A-32.0-32.5	32.0 - 32.5	-21.5	-22.0	JB61703-16	JB61703	03/12/2014	remaining	N	Y		7.4		**S14**
BB12B	EF-112A	10.5	EF-112A-34.0-34.5	34.0 - 34.5	-23.5	-24.0	JB61703-17	JB61703	03/12/2014	remaining	N	Y		4.1		**S14**
BB12B	EF-112A	10.5	EF-112A-36.0-36.5	36.0 - 36.5	-25.5	-26.0	JB61703-18	JB61703	03/12/2014	remaining	N	Y		< 0.084	U	**S14**
BB12B	EF-112A	10.5	EF-112A-38.0-38.5	38.0 - 38.5	-27.5	-28.0	JB61703-19	JB61703	03/12/2014	remaining	N	Y		0.17	J	**S14**
BB12B	FS6	10.3	FS6-0.0-0.5	0.5 - 1.0	9.8	9.3	JB60418-1	JB60418	02/24/2014	remaining	N	Y	FILL (FILL)	**31.4**		**S14, S16, S17**
BB12B	FS6	10.3	FS6-2.0-2.5	2.0 - 2.5	8.3	7.8	JB60418-2	JB60418	02/24/2014	remaining	N	Y		17.8		**S14, S16**
BB12B	FS6	10.3	FS6-4.0-4.5	4.0 - 4.5	6.3	5.8	JB60418-3	JB60418	02/24/2014	remaining	N	Y		2.7		**S14, S18**
BB12B	FS6	10.3	FS6-6.0-6.5	6.0 - 6.5	4.3	3.8	JB60418-4	JB60418	02/24/2014	remaining	N	Y	FILL (FILL)	**42.7**		**S14, S18**
BB12B	FS6	10.3	FS6-8.0-8.5	8.0 - 8.5	2.3	1.8	JB60418-5	JB60418	02/24/2014	remaining	N	Y	UNDno (SM)	**40.9**		**S14, S18**
BB12B	FS6	10.3	FS6-10.0-10.5	10.0 - 10.5	0.3	-0.2	JB60418-7	JB60418	02/24/2014	remaining	N	Y	UNDno (SM)	**29.0**		**S14, S18**
BB12B	FS6	10.3	FS6-12.0-12.5	12.0 - 12.5	-1.7	-2.2	JB60418-8	JB60418	02/24/2014	remaining	N	Y		13.3		**S14**
BB12B	FS6	10.3	FS6-14.0-14.5	14.0 - 14.5	-3.7	-4.2	JB60418-9	JB60418	02/24/2014	remaining	N	Y		7.3		**S14**
BB12B	FS6	10.3	FS6-16.0-16.5	16.0 - 16.5	-5.7	-6.2	JB60418-10	JB60418	02/24/2014	remaining	N	Y		11.9		**S14**
BB12B	FS6	10.3	FS6-18.0-18.5	18.0 - 18.5	-7.7	-8.2	JB60418-11	JB60418	02/24/2014	remaining	N	Y	UNDno (SM)	**21.3**		**S14, S18**
BB12B	FS6	10.3	FS6-20.0-20.5	20.0 - 20.5	-9.7	-10.2	JB60544-1	JB60544	02/25/2014	remaining	N	Y		9.4		**S14**
BB12B	FS6	10.3	FS6-22.0-22.5	22.0 - 22.5	-11.7	-12.2	JB60544-2	JB60544	02/25/2014	remaining	N	Y		4.5		**S14**
BB12B	FS6	10.3	FS6-24.0-24.5	24.0 - 24.5	-13.7	-14.2	JB60544-3	JB60544	02/25/2014	remaining	N	Y		18.7		**S14**
BB12B	FS6	10.3	FS6-24.0-24.5X	24.0 - 24.5	-13.7	-14.2	JB60544-4	JB60544	02/25/2014	remaining	FD	Y		17.1		**S14**
BB12B	FS6	10.3	FS6-26.0-26.5	26.0 - 26.5	-15.7	-16.2	JB60544-5	JB60544	02/25/2014	remaining	N	Y		17.4		**S14**
BB12B	FS6	10.3	FS6-28.0-28.5	28.0 - 28.5	-17.7	-18.2	JB60544-6	JB60544	02/25/2014	remaining	N	Y		17.8		**S14**
BB12B	FS6	10.3	FS6-30.0-30.5	30.0 - 30.5	-19.7	-20.2	JB60544-8	JB60544	02/25/2014	remaining	N	Y		0.37	J	**S14**
BB12B	FS6	10.3	FS6-32.0-32.5	32.0 - 32.5	-21.7	-22.2	JB60544-9	JB60544	02/25/2014	remaining	N	Y		0.094	J	**S14**
BB12B	FS6	10.3	FS6-34.0-34.5	34.0 - 34.5	-23.7	-24.2	JB60544-10	JB60544	02/25/2014	remaining	N	Y		0.37	J	**S14**
BB12B	FS6	10.3	FS6-36.0-36.5	36.0 - 36.5	-25.7	-26.2	JB60544-11	JB60544	02/25/2014	remaining	N	Y		0.63		**S14**
BB12B	FS6	10.3	FS6-38.0-38.5	38.0 - 38.5	-27.7	-28.2	JB60544-12	JB60544	02/25/2014	remaining	N	Y		0.27	J	**S14**
BB12B	FS6	10.3	FS6-40.0-40.5	40.0 - 40.5	-29.7	-30.2	JB60544-13	JB60544	02/25/2014	remaining	N	Y		0.26	J	**S14**
BB12B	FS7	10.5	FS7-0.0-0.5	0.0 - 0.5	10.5	10.0	JB60418-14	JB60418	02/24/2014	remaining	N	Y		16.0		**S14**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
BB12B	FS7	10.5	FS7-2.0-2.5	2.0 - 2.5	8.5	8.0	JB60418-15	JB60418	02/24/2014	remaining	N	Y		< 0.078	U	**S14**
BB12B	FS7	10.5	FS7-2.0-2.5X	2.0 - 2.5	8.5	8.0	JB60418-16	JB60418	02/24/2014	remaining	FD	Y		< 0.079	U	**S14**
BB12B	FS7	10.5	FS7-4.0-4.5	4.0 - 4.5	6.5	6.0	JB60418-17	JB60418	02/24/2014	remaining	N	Y		0.17	J	**S14, S18**
BB12B	FS7	10.5	FS7-6.0-6.5	6.0 - 6.5	4.5	4.0	JB60418-18	JB60418	02/24/2014	remaining	N	Y	UNDno (ML)	**87.6**		**S14, S18**
BB12B	FS7	10.5	FS7-8.0-8.5	8.0 - 8.5	2.5	2.0	JB60418-19	JB60418	02/24/2014	remaining	N	Y	UNDno (ML)	**56.3**		**S14, S18**
BB12B	FS7	10.5	FS7-10.0-10.5	10.0 - 10.5	0.5	0.0	JB60418-21	JB60418	02/24/2014	remaining	N	Y		12.7		**S14**
BB12B	FS7	10.5	FS7-12.0-12.5	12.0 - 12.5	-1.5	-2.0	JB60418-22	JB60418	02/24/2014	remaining	N	Y		12.8		**S14**
BB12B	FS7	10.5	FS7-14.0-14.5	14.0 - 14.5	-3.5	-4.0	JB60418-23	JB60418	02/24/2014	remaining	N	Y		12.9		**S14**
BB12B	FS7	10.5	FS7-16.0-16.5	16.0 - 16.5	-5.5	-6.0	JB60418-24	JB60418	02/24/2014	remaining	N	Y		16.5		**S14**
BB12B	FS7	10.5	FS7-18.0-18.5	18.0 - 18.5	-7.5	-8.0	JB60418-25	JB60418	02/24/2014	remaining	N	Y		10.7		**S14**
BB12B	FS7	10.5	FS7-20.0-20.5	20.0 - 20.5	-9.5	-10.0	JB60418-27	JB60418	02/24/2014	remaining	N	Y	GM	**26.9**		**S14, S19**
BB12B	FS7	10.5	FS7-22.0-22.5	22.0 - 22.5	-11.5	-12.0	JB60418-28	JB60418	02/24/2014	remaining	N	Y	GM	**21.0**		**S14, S19**
BB12B	FS7	10.5	FS7-24.0-24.5	24.0 - 24.5	-13.5	-14.0	JB60418-29	JB60418	02/24/2014	remaining	N	Y	SM	**104**		**S14, S19**
BB12B	FS7	10.5	FS7-26.0-26.5	26.0 - 26.5	-15.5	-16.0	JB60418-30	JB60418	02/24/2014	remaining	N	Y	SM	**29.0**		**S14, S19**
BB12B	FS7	10.5	FS7-28.0-28.5	28.0 - 28.5	-17.5	-18.0	JB60418-31	JB60418	02/24/2014	remaining	N	Y		1.9		**S14**
BB12B	FS7	10.5	FS7-30.0-30.5	30.0 - 30.5	-19.5	-20.0	JB60418-33	JB60418	02/24/2014	remaining	N	Y		0.44	J	**S14**
BB12B	FS7	10.5	FS7-32.0-32.5	32.0 - 32.5	-21.5	-22.0	JB60418-34	JB60418	02/24/2014	remaining	N	Y		0.26	J	**S14**
BB12B	FS7	10.5	FS7-34.0-34.5	34.0 - 34.5	-23.5	-24.0	JB60418-35	JB60418	02/24/2014	remaining	N	Y		0.20	J	**S14**
BB12B	FS7	10.5	FS7-36.0-36.5	36.0 - 36.5	-25.5	-26.0	JB60418-36	JB60418	02/24/2014	remaining	N	Y		0.20	J	**S14**
BB12B	FS7	10.5	FS7-38.0-38.5	38.0 - 38.5	-27.5	-28.0	JB60418-37	JB60418	02/24/2014	remaining	N	Y		< 0.084	U	**S14**
BB12B	FS7	10.5	FS7-40.0-40.5	40.0 - 40.5	-29.5	-30.0	JB60418-39	JB60418	02/24/2014	remaining	N	Y		0.14	J	**S14**
BB13B	EF-57/ICO-22	10.7	ICO-B22-0.5	0.8 - 1.3	9.9	9.4	460-27221-4	460272211	06/03/2011	remaining	N	Y	FILL (FILL)	**29.9**		**S14, S17, S20**
BB13B	EF-57/ICO-22	10.7	ICO-B22-2.0	2.0 - 2.5	8.7	8.2	460-27221-5	460272211	06/03/2011	remaining	N	Y		1.7	J	**S14**
BB13B	EF-57/ICO-22	10.7	ICO-B22-4.1	4.1 - 4.6	6.6	6.1	460-27221-6	460272211	06/03/2011	remaining	N	Y		< 0.57	U	**S14**
BB13B	EF-57/ICO-22	10.7	ICO-22-6.0	6.0 - 6.5	4.7	4.2	460-27221-14	460272211	06/03/2011	remaining	N	Y	UNDno (ML)	4.5		**S14, S21**
BB13B	EF-57/ICO-22	10.7	ICO-22-8.0	8.0 - 8.5	2.7	2.2	460-27221-15	460272211	06/03/2011	remaining	N	Y	UNDno (ML)	**117**		**S14, S21**
BB13B	EF-57/ICO-22	10.7	ICO-22-10.0	10.0 - 10.5	0.7	0.2	460-27221-16	460272211	06/03/2011	remaining	N	Y	UNDno (ML)	**95.6**		**S14, S21**
BB13B	EF-57/ICO-22	10.7	EF-B57-12.0	12.0 - 12.5	-1.3	-1.8	460-27221-17	460272211	06/03/2011	remaining	N	Y	UNDno (ML)	**111**		**S14, S21**
BB13B	EF-57/ICO-22	10.7	ICO-22-14.0	14.0 - 14.5	-3.3	-3.8	460-27221-18	460272211	06/03/2011	remaining	N	Y	UNDno (SP)	**79.9**		**S14, S21**
BB13B	EF-57/ICO-22	10.7	ICO-22-16.0	16.0 - 16.5	-5.3	-5.8	460-27221-19	460272211	06/03/2011	remaining	N	Y	UNDno (SM)	**79.9**		**S14, S21**
BB13B	EF-57/ICO-22	10.7	EF-B57-17.0	17.0 - 17.5	-6.3	-6.8	460-27221-20	460272211	06/03/2011	remaining	N	Y	UNDno (SM)	**127**		**S14, S21**
BB13B	EF-57/ICO-22	10.7	ICO-22-18.0	18.0 - 18.5	-7.3	-7.8	460-27221-21	460272211	06/03/2011	remaining	N	Y	UNDno (SM)	**79.0**		**S14, S21**
BB13B	EF-57/ICO-22	10.7	EF-B57-20.0	20.0 - 20.5	-9.3	-9.8	460-27221-22	460272211	06/03/2011	remaining	N	Y	SP	**46.7**	**J**	**S14, S22**
BB13B	NFS-PDI-BB13B	10.7	NFS-PDI-BB13B-0.7-1.2	0.7 - 1.2	10.0	9.5	JC27804-2	JC27804	09/16/2016	remaining	N	Y		0.79	J	**S6**
BB13B	NFS-PDI-BB13B	10.7	NFS-PDI-BB13B-2.7-3.2	2.7 - 3.2	8.0	7.5	JC27804-3	JC27804	09/16/2016	remaining	N	Y		0.33	J	**S6**
BB13B	NFS-PDI-BB13B	10.7	NFS-PDI-BB13B-4.7-5.2	4.7 - 5.2	6.0	5.5	JC27804-4	JC27804	09/16/2016	remaining	N	Y	FILL (FILL)	**34.9**	**J**	**S6, S10**
BB13B	NFS-PDI-BB13B	10.7	NFS-PDI-BB13B-4.7-5.2X	4.7 - 5.2	6.0	5.5	JC27804-5	JC27804	09/16/2016	remaining	FD	Y		1.9	J	**S6**
BB13B	NFS-PDI-BB13B	10.7	NFS-PDI-BB13B-6.7-7.2	6.7 - 7.2	4.0	3.5	JC27804-6	JC27804	09/16/2016	remaining	N	Y	FILL (FILL)	1.3	J	**S14, S21**
BB13B	NFS-PDI-BB13B	10.7	NFS-PDI-BB13B-8.7-9.2	8.7 - 9.2	2.0	1.5	JC27804-7	JC27804	09/16/2016	remaining	N	Y		0.57	J	**S6**
BB13B	NFS-PDI-BB13B	10.7	NFS-PDI-BB13B-9.0-9.5	9.0 - 9.5	1.7	1.2	JC27804-8	JC27804	09/16/2016	remaining	N	Y		0.65	J	**S6**
BB13B	NFS-PDI-BB13B	10.7	NFS-PDI-BB13B-9.5-10.0	9.5 - 10.0	1.2	0.7	JC27804-9	JC27804	09/16/2016	remaining	N	Y	UNDno (SM)	**42.2**	**J**	**S6, S21**
BB14B	FS21	10.4	FS21-0.0-0.5	0.0 - 0.5	10.4	9.9	JB96227-3	JB96227	06/04/2015	remaining	N	Y		< 0.23	U	**S6**
BB14B	FS21	10.4	FS21-0.0-0.5X	0.0 - 0.5	10.4	9.9	JB96227-5	JB96227	06/04/2015	remaining	FD	Y		< 0.22	U	**S6**
BB14B	FS21	10.4	FS21-2.0-2.5	2.0 - 2.5	8.4	7.9	JB96227-4	JB96227	06/04/2015	remaining	N	Y		< 0.21	U	**S6**
BB14B	FS21	10.4	FS21-4.0-4.5	4.0 - 4.5	6.4	5.9	JB96227-6	JB96227	06/04/2015	remaining	N	Y		< 0.25	U	**S6**
BB14B	FS21	10.4	FS21-6.0-6.5	6.0 - 6.5	4.4	3.9	JB96227-7	JB96227	06/04/2015	remaining	N	Y		0.32	J	**S6**
BB14B	FS21	10.4	FS21-8.0-8.5	8.0 - 8.5	2.4	1.9	JB96227-8	JB96227	06/04/2015	remaining	N	Y		0.34	J	**S6**
BB14B	FS21	10.4	FS21-10.0-10.5	10.0 - 10.5	0.4	-0.1	JB96227-9	JB96227	06/04/2015	remaining	N	Y		0.36	J	**S6**
BB14B	FS21	10.4	FS21-12.0-12.5	12.0 - 12.5	-1.6	-2.1	JB96227-10	JB96227	06/04/2015	remaining	N	Y		< 0.23	U	**S6**
BB14B	FS21	10.4	FS21-14.0-14.5	14.0 - 14.5	-3.6	-4.1	JB96227-11	JB96227	06/04/2015	remaining	N	Y		2.3		**S6**
BB14B	FS21	10.4	FS21-16.0-16.5	16.0 - 16.5	-5.6	-6.1	JB96227-12	JB96227	06/04/2015	remaining	N	Y		1.3		**S6**
BB14B	FS21	10.4	FS21-18.0-18.5	18.0 - 18.5	-7.6	-8.1	JB96227-13	JB96227	06/04/2015	remaining	N	Y		2.4		**S6**
BB14B	FS21	10.4	FS21-20.0-20.5	20.0 - 20.5	-9.6	-10.1	JB96227-14	JB96227	06/04/2015	remaining	N	Y		< 0.21	U	**S6**
BB14B	FS21	10.4	FS21-22.0-22.5	22.0 - 22.5	-11.6	-12.1	JB96227-15	JB96227	06/04/2015	remaining	N	Y		< 0.21	U	**S6**
BB14B	FS21	10.4	FS21-24.0-24.5	24.0 - 24.5	-13.6	-14.1	JB96227-16	JB96227	06/04/2015	remaining	N	Y		< 0.22	U	**S6**
BB14B	FS21	10.4	FS21-26.0-26.5	26.0 - 26.5	-15.6	-16.1	JB96227-17	JB96227	06/04/2015	remaining	N	Y		0.33	J	**S6**
BB14B	FS21	10.4	FS21-28.0-28.5	28.0 - 28.5	-17.6	-18.1	JB96227-18	JB96227	06/04/2015	remaining	N	Y		0.26	J	**S6**
BB14B	FS21	10.4	FS21-30.0-30.5	30.0 - 30.5	-19.6	-20.1	JB96227-19	JB96227	06/04/2015	remaining	N	Y		< 0.25	U	**S6**
BB14B	FS21	10.4	FS21-32.0-32.5	32.0 - 32.5	-21.6	-22.1	JB96227-20	JB96227	06/04/2015	remaining	N	Y		< 0.23	U	**S6**
BB14B	FS21	10.4	FS21-34.0-34.5	34.0 - 34.5	-23.6	-24.1	JB96227-21	JB96227	06/04/2015	remaining	N	Y		< 0.23	U	**S6**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
BB14B	FS21	10.4	FS21-36.0-36.5	36.0 - 36.5	-25.6	-26.1	JB96227-22	JB96227	06/04/2015	remaining	N	Y		< 0.23	U	**S6**
BB14B	FS21	10.4	FS21-38.0-38.5	38.0 - 38.5	-27.6	-28.1	JB96227-23	JB96227	06/04/2015	remaining	N	Y		0.47	J	**S6**
BB14B	FS21	10.4	FS21-39.5-40.0	39.5 - 40.0	-29.1	-29.6	JB96227-24	JB96227	06/04/2015	remaining	N	Y		< 0.24	U	**S6**
BB14B	NFS-PDI-BB14B	10.5	NFS-PDI-BB14B-0.5-1.0	0.5 - 1.0	10.0	9.5	JC27804-10R	JC27804R	09/16/2016	remaining	N	Y		1.3	J	**S6**
BB14B	NFS-PDI-BB14B	10.5	NFS-PDI-BB14B-2.5-3.0	2.5 - 3.0	8.0	7.5	JC27804-11	JC27804	09/16/2016	remaining	N	Y		0.72	J	**S6**
BB14B	NFS-PDI-BB14B	10.5	NFS-PDI-BB14B-4.5-5.0	4.5 - 5.0	6.0	5.5	JC27804-12	JC27804	09/16/2016	remaining	N	Y		1.4	J	**S6**
BB14B	NFS-PDI-BB14B	10.5	NFS-PDI-BB14B-4.5-5.0X	4.5 - 5.0	6.0	5.5	JC27804-14	JC27804	09/16/2016	remaining	FD	Y		0.40	J	**S6**
BB14B	NFS-PDI-BB14B	10.5	NFS-PDI-BB14B-6.5-7.0	6.5 - 7.0	4.0	3.5	JC27804-13R	JC27804R	09/16/2016	remaining	N	Y		5.1	J	**S6**
BB14B	NFS-PDI-BB14B	10.5	NFS-PDI-BB14B-8.0-8.5	8.0 - 8.5	2.5	2.0	JC27804-15	JC27804	09/16/2016	remaining	N	Y		0.66	J	**S6**
BB14B	NFS-PDI-BB14B	10.5	NFS-PDI-BB14B-8.5-9.0	8.5 - 9.0	2.0	1.5	JC27804-16T	JC27804T	09/16/2016	remaining	N	Y		0.78	J	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-0.5-1.0	0.5 - 1.0	9.9	9.4	JC31800-15	JC31800	11/15/2016	remaining	N	Y		0.35	J	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-2.0-2.5	2.0 - 2.5	8.4	7.9	JC31800-21	JC31800	11/15/2016	remaining	N	Y		< 0.31	UJ	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-4.0-4.5	4.0 - 4.5	6.4	5.9	JC31800-23R	JC31800R	11/15/2016	remaining	N	Y		0.41	J	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-4.0-4.5X	4.0 - 4.5	6.4	5.9	JC31800-24	JC31800	11/15/2016	remaining	FD	Y		< 0.34	UJ	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-6.0-6.5	6.0 - 6.5	4.4	3.9	JC31800-25R	JC31800R	11/15/2016	remaining	N	Y		0.46	J	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-7.5-8.0	7.5 - 8.0	2.9	2.4	JC31800-26	JC31800	11/15/2016	remaining	N	Y		< 0.37	UJ	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-8.0-8.5	8.0 - 8.5	2.4	1.9	JC31800-27R	JC31800R	11/15/2016	remaining	N	Y		0.46	J	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-10.0-10.5	10.0 - 10.5	0.4	-0.1	JC31800-16R	JC31800R	11/15/2016	remaining	N	Y		0.51	J	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-12.0-12.5	12.0 - 12.5	-1.6	-2.1	JC31800-17	JC31800	11/15/2016	remaining	N	Y		< 0.37	UJ	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-14.0-14.5	14.0 - 14.5	-3.6	-4.1	JC31800-18R	JC31800R	11/15/2016	remaining	N	Y		0.71	J	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-16.0-16.5	16.0 - 16.5	-5.6	-6.1	JC31800-19	JC31800	11/15/2016	remaining	N	Y		2.2	J	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-18.0-18.5	18.0 - 18.5	-7.6	-8.1	JC31800-20	JC31800	11/15/2016	remaining	N	Y		< 0.32	UJ	**S6**
BB15B	NFS-PDI-BB15B	10.4	NFS-PDI-BB15B-20.0-20.5	20.0 - 20.5	-9.6	-10.1	JC31800-22	JC31800	11/15/2016	remaining	N	Y		0.45	J	**S6**
BB16B	FS22	10.3	FS22-0.0-0.5	0.0 - 0.5	10.3	9.8	JB96034-17	JB96034	06/02/2015	remaining	N	Y		0.32	J	**S6**
BB16B	FS22	10.3	FS22-0.0-0.5X	0.0 - 0.5	10.3	9.8	JB96034-18	JB96034	06/02/2015	remaining	FD	Y		0.39	J	**S6**
BB16B	FS22	10.3	FS22-2.0-2.5	2.0 - 2.5	8.3	7.8	JB96034-19	JB96034	06/02/2015	remaining	N	Y		0.57		**S6**
BB16B	FS22	10.3	FS22-3.0-3.5	3.0 - 3.5	7.3	6.8	JB96138-8	JB96138	06/03/2015	remaining	N	Y		1.2		**S6**
BB16B	FS22	10.3	FS22-5.0-5.5	5.0 - 5.5	5.3	4.8	JB96138-9	JB96138	06/03/2015	remaining	N	Y		0.40	J	**S6**
BB16B	FS22	10.3	FS22-6.0-6.5	6.0 - 6.5	4.3	3.8	JB96034-20	JB96034	06/02/2015	remaining	N	Y		< 0.26	U	**S6**
BB16B	FS22	10.3	FS22-8.0-8.5	8.0 - 8.5	2.3	1.8	JB96034-21	JB96034	06/02/2015	remaining	N	Y		0.36	J	**S6**
BB16B	FS22	10.3	FS22-10.0-10.5	10.0 - 10.5	0.3	-0.2	JB96138-2	JB96138	06/03/2015	remaining	N	Y		3.3		**S6**
BB16B	FS22	10.3	FS22-12.0-12.5	12.0 - 12.5	-1.7	-2.2	JB96138-3	JB96138	06/03/2015	remaining	N	Y		< 0.22	U	**S6**
BB16B	FS22	10.3	FS22-12.0-12.5X	12.0 - 12.5	-1.7	-2.2	JB96138-4	JB96138	06/03/2015	remaining	FD	Y		< 0.23	U	**S6**
BB16B	FS22	10.3	FS22-14.0-14.5	14.0 - 14.5	-3.7	-4.2	JB96138-5	JB96138	06/03/2015	remaining	N	Y		0.23	J	**S6**
BB16B	FS22	10.3	FS22-16.0-16.5	16.0 - 16.5	-5.7	-6.2	JB96138-6	JB96138	06/03/2015	remaining	N	Y		0.24	J	**S6**
BB16B	FS22	10.3	FS22-18.0-18.5	18.0 - 18.5	-7.7	-8.2	JB96138-7	JB96138	06/03/2015	remaining	N	Y		2.0		**S6**
BB16B	FS22	10.3	FS22-20.0-20.5	20.0 - 20.5	-9.7	-10.2	JB96138-10	JB96138	06/03/2015	remaining	N	Y		0.49		**S6**
BB16B	FS22	10.3	FS22-22.0-22.5	22.0 - 22.5	-11.7	-12.2	JB96138-11	JB96138	06/03/2015	remaining	N	Y		< 0.21	U	**S6**
BB16B	FS22	10.3	FS22-24.0-24.5	24.0 - 24.5	-13.7	-14.2	JB96138-12	JB96138	06/03/2015	remaining	N	Y		< 0.21	U	**S6**
BB16B	FS22	10.3	FS22-26.0-26.5	26.0 - 26.5	-15.7	-16.2	JB96138-13	JB96138	06/03/2015	remaining	N	Y		< 0.21	U	**S6**
BB16B	FS22	10.3	FS22-28.0-28.5	28.0 - 28.5	-17.7	-18.2	JB96138-14	JB96138	06/03/2015	remaining	N	Y		< 0.24	U	**S6**
BB16B	FS22	10.3	FS22-30.0-30.5	30.0 - 30.5	-19.7	-20.2	JB96138-15	JB96138	06/03/2015	remaining	N	Y		< 0.23	U	**S6**
BB16B	FS22	10.3	FS22-32.0-32.5	32.0 - 32.5	-21.7	-22.2	JB96138-16	JB96138	06/03/2015	remaining	N	Y		< 0.23	U	**S6**
BB16B	FS22	10.3	FS22-34.0-34.5	34.0 - 34.5	-23.7	-24.2	JB96138-17	JB96138	06/03/2015	remaining	N	Y		< 0.23	U	**S6**
BB16B	FS22	10.3	FS22-35.0-35.5	35.0 - 35.5	-24.7	-25.2	JB96138-18	JB96138	06/03/2015	remaining	N	Y		< 0.25	U	**S6**
CC10B	FS-CC10B-SW-N1	10.7	FS-CC10B-SW-N-1.8-2.3	1.8 - 2.3	8.9	8.4	JC46103-6	JC46103	06/29/2017	remaining	N	Y		1.1	J-	**S1**
CC10B	FS-CC10B-SW-N2	10.7	FS-CC10B-SW-N-3.7-4.2	3.7 - 4.2	7.0	6.5	JC46103-4R	JC46103R	06/29/2017	remaining	N	Y		0.84		**S1**
CC10B	FS-CC10B-SW-N2	10.7	FS-CC10B-SW-N-3.7-4.2X	3.7 - 4.2	7.0	6.5	JC46103-5	JC46103	06/29/2017	remaining	FD	Y		1.1	J-	**S1**
CC10B	P4-FOR-CC10B	10.7	P4-FOR-CC10B-3.0-3.5	3.0 - 3.5	7.7	7.2	JC22855-5	JC22855	06/23/2016	remaining	N	Y		0.47	J	**S1, S23**
CC10B	P4-FOR-CC10B	10.7	P4-FOR-CC10B-5.0-5.5	5.0 - 5.5	5.7	5.2	JC22855-6	JC22855	06/23/2016	remaining	N	Y		1.2	J	**S1, S23**
CC10B	P4-FOR-CC10B	10.7	P4-FOR-CC10B-7.0-7.5	7.0 - 7.5	3.7	3.2	JC22855-7	JC22855	06/23/2016	remaining	N	Y		< 0.33	UJ	**S1, S23**
CC10B	P4-FOR-CC10B	10.7	P4-FOR-CC10B-9.0-9.5	9.0 - 9.5	1.7	1.2	JC22855-8	JC22855	06/23/2016	remaining	N	Y	FILL (FILL)	**33.8**	**J**	**S1, S23**
CC10B	P4-FOR-CC10B	10.7	P4-FOR-CC10B-10.5-11.0	10.5 - 11.0	0.2	-0.3	JC22855-3	JC22855	06/23/2016	remaining	N	Y	FILL (FILL)	**138**	**J**	**S1, S23**
CC10B	P4-FOR-CC10B	10.7	P4-FOR-CC10B-11.0-11.5	11.0 - 11.5	-0.3	-0.8	JC22855-4	JC22855	06/23/2016	remaining	N	Y		4.5	J	**S1**
CC11B	EF-110A	11.1	EF110A-0.8-1.3	0.8 - 1.3	10.3	9.8	JB97556-3	JB97556	06/20/2015	remaining	N	Y		0.43	J	**S1**
CC11B	EF-110A	11.1	EF110A-2.0-2.5	2.0 - 2.5	9.1	8.6	JB97556-4	JB97556	06/20/2015	remaining	N	Y		< 0.22	U	**S1**
CC11B	EF-110A	11.1	EF110A-3.0-3.5	3.0 - 3.5	8.1	7.6	JB97556-5	JB97556	06/20/2015	remaining	N	Y		< 0.23	U	**S1**
CC11B	EF-110A	11.1	EF110A-5.0-5.5	5.0 - 5.5	6.1	5.6	JB97556-6	JB97556	06/20/2015	remaining	N	Y		0.33	J	**S1**
CC11B	EF-110A	11.1	EF110A-7.0-7.5	7.0 - 7.5	4.1	3.6	JB97556-7	JB97556	06/20/2015	remaining	N	Y		0.33	J	**S1**
CC11B	EF-110A	11.1	EF110A-8.0-8.5	8.0 - 8.5	3.1	2.6	JB97556-8	JB97556	06/20/2015	remaining	N	Y	UNDno (SM)	< 0.23	U	**S1, S24**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
CC11B	EF-110A	11.1	EF110A-10.0-10.5	10.0 - 10.5	1.1	0.6	JB97556-11	JB97556	06/20/2015	remaining	N	Y		0.99		**S1**
CC11B	EF-110A	11.1	EF110A-12.0-12.5	12.0 - 12.5	-0.9	-1.4	JB97556-12	JB97556	06/20/2015	remaining	N	Y	UNDno (SM)	**20.8**		**S1, S24**
CC11B	EF-110A	11.1	EF110A-12.0-12.5X	12.0 - 12.5	-0.9	-1.4	JB97556-13	JB97556	06/20/2015	remaining	FD	Y		17.1		**S1**
CC11B	EF-110A	11.1	EF110A-14.0-14.5	14.0 - 14.5	-2.9	-3.4	JB97556-14	JB97556	06/20/2015	remaining	N	Y		17.6		**S1**
CC11B	EF-110A	11.1	EF110A-16.0-16.5	16.0 - 16.5	-4.9	-5.4	JB97556-15	JB97556	06/20/2015	remaining	N	Y		11.4		**S1**
CC11B	EF-110A	11.1	EF110A-18.0-18.5	18.0 - 18.5	-6.9	-7.4	JB97556-16R	JB97556R	06/20/2015	remaining	N	Y		11.2		**S1**
CC11B	EF-110A	11.1	EF110A-20.0-20.5	20.0 - 20.5	-8.9	-9.4	JB97556-19R	JB97556R	06/20/2015	remaining	N	Y	SM	**34.7**		**S1, S25**
CC11B	EF-110A	11.1	EF110A-22.0-22.5	22.0 - 22.5	-10.9	-11.4	JB97556-20	JB97556	06/20/2015	remaining	N	Y	SM	**77.5**	**J**	**S1, S25**
CC11B	EF-110A	11.1	EF110A-24.0-24.5	24.0 - 24.5	-12.9	-13.4	JB97556-21	JB97556	06/20/2015	remaining	N	Y	SM	**42.3**	**J**	**S1, S25**
CC11B	EF-110A	11.1	EF110A-26.0-26.5	26.0 - 26.5	-14.9	-15.4	JB97556-22	JB97556	06/20/2015	remaining	N	Y	SM	**22.3**	**J**	**S1, S25**
CC11B	EF-110A	11.1	EF110A-28.0-28.5	28.0 - 28.5	-16.9	-17.4	JB97556-23	JB97556	06/20/2015	remaining	N	Y	SM	**29.0**	**J**	**S1, S25**
CC11B	EF-110A	11.1	EF110A-30.0-30.5	30.0 - 30.5	-18.9	-19.4	JB97556-28R	JB97556R	06/20/2015	remaining	N	Y		1.6		**S1**
CC11B	EF-110A	11.1	EF110A-32.0-32.5	32.0 - 32.5	-20.9	-21.4	JB97556-29R	JB97556R	06/20/2015	remaining	N	Y		0.67		**S1**
CC11B	EF-110A	11.1	EF110A-34.0-34.5	34.0 - 34.5	-22.9	-23.4	JB97556-30	JB97556	06/20/2015	remaining	N	Y		0.40	J	**S1**
CC11B	EF-110A	11.1	EF110A-36.0-36.5	36.0 - 36.5	-24.9	-25.4	JB97556-31	JB97556	06/20/2015	remaining	N	Y		0.38	J	**S1**
CC11B	EF-110A	11.1	EF110A-38.0-38.5	38.0 - 38.5	-26.9	-27.4	JB97556-32	JB97556	06/20/2015	remaining	N	Y		< 0.23	UJ	**S1**
CC11B	EF-110A	11.1	EF110A-39.5-40.0	39.5 - 40.0	-28.4	-28.9	JB97556-33	JB97556	06/20/2015	remaining	N	Y		0.38	J	**S1**
CC11B	EF-111	10.5	EF-B111-6.0-6.5	6.0 - 6.5	4.5	4.0	JB15988-11	JB15988	09/11/2012	remaining	N	Y	UNDno (ML)	0.72	J	**S1, S24**
CC11B	EF-111	10.5	EF-B111-7.5-8.0	7.5 - 8.0	3.0	2.5	JB15988-10	JB15988	09/11/2012	remaining	N	Y	UNDno (ML)	**33.9**	**J**	**S1, S24**
CC11B	EF-111	10.5	EF-B111-11.0-11.5	11.0 - 11.5	-0.5	-1.0	JB15988-9	JB15988	09/11/2012	remaining	N	Y	UNDno (ML)	**46.7**	**J**	**S1, S24**
CC11B	EF-111	10.5	EF-B111-13.0-13.5	13.0 - 13.5	-2.5	-3.0	JB15988-8	JB15988	09/11/2012	remaining	N	Y	UNDno (SW)	**22.2**	**J**	**S1, S24**
CC11B	EF-111	10.5	EF-B111-15.0-15.5	15.0 - 15.5	-4.5	-5.0	JB15988-7	JB15988	09/11/2012	remaining	N	Y	UNDno (SW)	**57.6**	**J**	**S1, S24**
CC11B	EF-111	10.5	EF-B111-17.0-17.5	17.0 - 17.5	-6.5	-7.0	JB15988-6	JB15988	09/11/2012	remaining	N	Y	UNDno (SW)	**41.9**	**J**	**S1, S24**
CC11B	EF-111	10.5	EF-B111-20.0-20.5	20.0 - 20.5	-9.5	-10.0	JB15988-5	JB15988	09/11/2012	remaining	N	Y	SW	**45.2**	**J**	**S1, S26**
CC11B	EF-111	10.5	EF-B111-22.4-22.9	22.4 - 22.9	-11.9	-12.4	JB15988-4	JB15988	09/11/2012	remaining	N	Y	SP	**63.2**	**J**	**S1, S26**
CC11B	EF-111	10.5	EF-B111-25.0-25.5	25.0 - 25.5	-14.5	-15.0	JB15988-3	JB15988	09/11/2012	remaining	N	Y	SP	**59.8**	**J**	**S1, S26**
CC11B	FSI4A	10.5	FSI4A-0.5-1.0	0.5 - 1.0	10.0	9.5	JB96995-1	JB96995	06/13/2015	remaining	N	Y		0.30	J	**S27**
CC11B	FSI4A	10.5	FSI4A-2.0-2.5	2.0 - 2.5	8.5	8.0	JB96995-5	JB96995	06/13/2015	remaining	N	Y		0.69	J	**S27**
CC11B	FSI4A	10.5	FSI4A-4.0-4.5	4.0 - 4.5	6.5	6.0	JB96995-4R	JB96995R	06/13/2015	remaining	N	Y		0.58	J	**S27**
CC11B	FSI4A	10.5	FSI4A-6.0-6.5	6.0 - 6.5	4.5	4.0	JB96995-2R	JB96995R	06/13/2015	remaining	N	Y		1.5	J	**S27**
CC11B	FSI4A	10.5	FSI4A-6.0-6.5X	6.0 - 6.5	4.5	4.0	JB96995-3R	JB96995R	06/13/2015	remaining	FD	Y		0.63	J	**S27**
CC11B	FSI4A	10.5	FSI4A-8.0-8.5	8.0 - 8.5	2.5	2.0	JB96995-6	JB96995	06/13/2015	remaining	N	Y	UNDno (SM)	**54.5**	**J**	**S24, S27**
CC11B	FSI4A	10.5	FSI4A-8.5-9.0	8.5 - 9.0	2.0	1.5	JB96995-7T	JB96995T	06/13/2015	remaining	N	Y		15.0	J	**S27**
CC11B	P4-FOR-CC11B	10.6	P4-FOR-CC11B-8.5-9.0	8.5 - 9.0	2.1	1.6	JC22944-2R	JC22944R	06/24/2016	remaining	N	Y		0.60	J	**S1**
CC11B	P4-FOR-CC11B	10.6	P4-FOR-CC11B-8.5-9.0X	8.5 - 9.0	2.1	1.6	JC22944-3	JC22944	06/24/2016	remaining	FD	Y		0.87	J	**S1**
CC11B	P4-FOR-CC11BR	10.6	P4-FOR-CC11BR-4.5-5.0	4.5 - 5.0	6.1	5.6	JC29975-6R	JC29975R	10/19/2016	remaining	N	Y		1.1	J	**S1**
CC11B	P4-FOR-CC11BR	10.6	P4-FOR-CC11BR-5.0-5.5	5.0 - 5.5	5.6	5.1	JC29975-7R	JC29975R	10/19/2016	remaining	N	Y	UNDno (ML)	0.55	J	**S1, S24**
CC11B	P4-FOR-CC11BR	10.6	P4-FOR-CC11BR-8.0-8.5	8.0 - 8.5	2.6	2.1	JC29975-8R	JC29975R	10/19/2016	remaining	N	Y		1.5	J	**S1**
CC11B	P4-FOR-CC11BR	10.6	P4-FOR-CC11BR-10.0-10.5	10.0 - 10.5	0.6	0.1	JC29975-5R	JC29975R	10/19/2016	remaining	N	Y	UNDno (SM)	**22.4**	**J**	**S1, S24**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-0.0-0.5	0.0 - 0.5	10.7	10.2	JC27321-2	JC27321	09/09/2016	remaining	N	Y		9.3	J	**S14, S28**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-2.0-2.5	2.0 - 2.5	8.7	8.2	JC27321-8	JC27321	09/09/2016	remaining	N	Y		6.6	J	**S14, S28**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-4.0-4.5	4.0 - 4.5	6.7	6.2	JC27321-10R	JC27321R	09/09/2016	remaining	N	Y		1.1	J	**S14, S28**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-4.0-4.5X	4.0 - 4.5	6.7	6.2	JC27321-11R	JC27321R	09/09/2016	remaining	FD	Y		1.4	J	**S14, S28**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-6.0-6.5	6.0 - 6.5	4.7	4.2	JC27321-12R	JC27321R	09/09/2016	remaining	N	Y		7.6	J	**S14, S28**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-8.0-8.5	8.0 - 8.5	2.7	2.2	JC27321-13	JC27321	09/09/2016	remaining	N	Y	FILL (FILL)	**85.3**		**S14, S28**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-8.5-9.0	8.5 - 9.0	2.2	1.7	JC27321-14	JC27321	09/09/2016	remaining	N	Y		15.6		**S14**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-10.0-10.5	10.0 - 10.5	0.7	0.2	JC27321-3R	JC27321R	09/09/2016	remaining	N	Y		1.8	J	**S14**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-12.0-12.5	12.0 - 12.5	-1.3	-1.8	JC27321-4	JC27321	09/09/2016	remaining	N	Y		1.3		**S14**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-14.0-14.5	14.0 - 14.5	-3.3	-3.8	JC27321-5	JC27321	09/09/2016	remaining	N	Y		5.1		**S14**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-16.0-16.5	16.0 - 16.5	-5.3	-5.8	JC27321-6R	JC27321R	09/09/2016	remaining	N	Y		2.8	J	**S14**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-18.0-18.5	18.0 - 18.5	-7.3	-7.8	JC27321-7R	JC27321R	09/09/2016	remaining	N	Y		5.9	J	**S14**
CC12B	NFS-PDI-CC12B	10.7	NFS-PDI-CC12B-20.0-20.5	20.0 - 20.5	-9.3	-9.8	JC27321-9R	JC27321R	09/09/2016	remaining	N	Y	SP	**39.6**	**J**	**S14, S29**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-0.5-1.0	0.5 - 1.0	10.0	9.5	JC31705-2R	JC31705R	11/14/2016	remaining	N	Y		1.6	J	**S14, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-2.5-3.0	2.5 - 3.0	8.0	7.5	JC31705-8R	JC31705R	11/14/2016	remaining	N	Y		0.34	J	**S14, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-4.5-5.0	4.5 - 5.0	6.0	5.5	JC31705-10R	JC31705R	11/14/2016	remaining	N	Y		0.63	J	**S14, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-5.0-5.5	5.0 - 5.5	5.5	5.0	JC31705-11R	JC31705R	11/14/2016	remaining	N	Y		1.9	J	**S14, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-6.5-7.0	6.5 - 7.0	4.0	3.5	JC31705-12R	JC31705R	11/14/2016	remaining	N	Y	UNDno (SM)	**28.9**	**J**	**S27, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-6.5-7.0X	6.5 - 7.0	4.0	3.5	JC31705-13R	JC31705R	11/14/2016	remaining	FD	Y	UNDno (SM)	**22.0**	**J**	**S27, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-8.5-9.0	8.5 - 9.0	2.0	1.5	JC31705-14R	JC31705R	11/14/2016	remaining	N	Y	UNDno (SM)	**54.1**	**J**	**S27, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-10.5-11.0	10.5 - 11.0	0.0	-0.5	JC31705-3R	JC31705R	11/14/2016	remaining	N	Y	UNDno (SM)	**51.6**	**J**	**S27, S28**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-12.5-13.0	12.5 - 13.0	-2.0	-2.5	JC31705-4R	JC31705R	11/14/2016	remaining	N	Y		14.5	J	**S27**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-14.5-15.0	14.5 - 15.0	-4.0	-4.5	JC31705-5R	JC31705R	11/14/2016	remaining	N	Y	UNDno (SM)	**28.6**	**J**	**S27, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-16.5-17.0	16.5 - 17.0	-6.0	-6.5	JC31705-6R	JC31705R	11/14/2016	remaining	N	Y	UNDno (SM)	**36.8**	**J**	**S27, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-18.5-19.0	18.5 - 19.0	-8.0	-8.5	JC31705-7R	JC31705R	11/14/2016	remaining	N	Y	UNDno (SP)	**42.3**	**J**	**S27, S28**
CC12B	NFS-PDI-CC12BR	10.5	NFS-PDI-CC12BR-20.0-20.5	20.0 - 20.5	-9.5	-10.0	JC31705-9R	JC31705R	11/14/2016	remaining	N	Y	SP	**35.5**	**J**	**S27, S29**
CC13B	EF-57A	10.6	EF-57A-10.0-10.5	10.0 - 10.5	0.6	0.1	JB61462-2	JB61462	03/10/2014	remaining	N	Y		8.8		**S14**
CC13B	EF-57A	10.6	EF-57A-13.5-14.0	13.5 - 14.0	-2.9	-3.4	JB61462-3	JB61462	03/10/2014	remaining	N	Y		6.2		**S14**
CC13B	EF-57A	10.6	EF-57A-13.5-14.0X	13.5 - 14.0	-2.9	-3.4	JB61462-4	JB61462	03/10/2014	remaining	FD	Y		6.9		**S14**
CC13B	EF-57A	10.6	EF-57A-20.0-20.5	20.0 - 20.5	-9.4	-9.9	JB61462-6	JB61462	03/10/2014	remaining	N	Y		7.1		**S14**
CC13B	EF-57A	10.6	EF-57A-22.0-22.5	22.0 - 22.5	-11.4	-11.9	JB61462-7	JB61462	03/10/2014	remaining	N	Y		3.5		**S14**
CC13B	EF-57A	10.6	EF-57A-24.0-24.5	24.0 - 24.5	-13.4	-13.9	JB61462-8	JB61462	03/10/2014	remaining	N	Y		0.53		**S14**
CC13B	EF-57A	10.6	EF-57A-26.0-26.5	26.0 - 26.5	-15.4	-15.9	JB61462-10	JB61462	03/10/2014	remaining	N	Y		0.14	J	**S14**
CC13B	EF-57A	10.6	EF-57A-28.0-28.5	28.0 - 28.5	-17.4	-17.9	JB61462-11	JB61462	03/10/2014	remaining	N	Y		0.61		**S14**
CC13B	EF-57A	10.6	EF-57A-30.0-30.5	30.0 - 30.5	-19.4	-19.9	JB61462-12	JB61462	03/10/2014	remaining	N	Y		0.54		**S14**
CC13B	EF-57A	10.6	EF-57A-32.0-32.5	32.0 - 32.5	-21.4	-21.9	JB61462-13	JB61462	03/10/2014	remaining	N	Y		0.61		**S14**
CC13B	EF-57A	10.6	EF-57A-34.0-34.5	34.0 - 34.5	-23.4	-23.9	JB61462-14	JB61462	03/10/2014	remaining	N	Y		0.087	J	**S14**
CC13B	EF-57A	10.6	EF-57A-36.0-36.5	36.0 - 36.5	-25.4	-25.9	JB61462-15	JB61462	03/10/2014	remaining	N	Y		0.085	J	**S14**
CC13B	EF-57A	10.6	EF-57A-38.0-38.5	38.0 - 38.5	-27.4	-27.9	JB61462-16	JB61462	03/10/2014	remaining	N	Y		< 0.084	U	**S14**
CC13B	FSI3	10.3	FSI3-0.5-1.0	0.5 - 1.0	9.8	9.3	JB64643-1	JB64643	04/12/2014	remaining	N	Y		1.2	J	**S27**
CC13B	FSI3	10.3	FSI3-1.0-1.5	1.0 - 1.5	9.3	8.8	JB64643-2	JB64643	04/12/2014	remaining	N	Y		0.78	J	**S27**
CC13B	FSI3	10.3	FSI3-1.5-2.0	1.5 - 2.0	8.8	8.3	JB64643-3	JB64643	04/12/2014	remaining	N	Y		0.58	J	**S27**
CC13B	FSI3	10.3	FSI3-1.5-2.0X	1.5 - 2.0	8.8	8.3	JB64643-4	JB64643	04/12/2014	remaining	FD	Y		0.60	J	**S27**
CC13B	FSI3	10.3	FSI3-3.5-4.0	3.5 - 4.0	6.8	6.3	JB64643-5	JB64643	04/12/2014	remaining	N	Y		0.90	J	**S27, S30**
CC13B	FSI3	10.3	FSI3-5.5-6.0	5.5 - 6.0	4.8	4.3	JB64643-6	JB64643	04/12/2014	remaining	N	Y		0.39	J	**S27, S30**
CC13B	FSI3	10.3	FSI3-7.5-8.0	7.5 - 8.0	2.8	2.3	JB64643-7	JB64643	04/12/2014	remaining	N	Y		0.47	J	**S27**
CC13B	FSI3	10.3	FSI3-8.0-8.5	8.0 - 8.5	2.3	1.8	JB64643-8	JB64643	04/12/2014	remaining	N	Y		0.13	J	**S27**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-0.1-0.6	0.1 - 0.6	10.5	10.0	JC27616-14	JC27616	09/14/2016	remaining	N	Y		7.9		**S14**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-2.0-2.5	2.0 - 2.5	8.7	8.2	JC27616-20R	JC27616R	09/14/2016	remaining	N	Y	FILL (FILL)	**21.4**		**S14, S17**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-4.0-4.5	4.0 - 4.5	6.7	6.2	JC27616-22	JC27616	09/14/2016	remaining	N	Y		1.1	J	**S14, S30**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-6.0-6.5	6.0 - 6.5	4.7	4.2	JC27616-23	JC27616	09/14/2016	remaining	N	Y		0.37	J	**S14, S30**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-7.5-8.0	7.5 - 8.0	3.2	2.7	JC27616-24	JC27616	09/14/2016	remaining	N	Y	FILL (FILL)	**63.3**	**J**	**S14, S30**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-8.0-8.5	8.0 - 8.5	2.7	2.2	JC27616-25	JC27616	09/14/2016	remaining	N	Y	UNDno (SM)	**27.4**		**S14, S30**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-8.0-8.5X	8.0 - 8.5	2.7	2.2	JC27616-26	JC27616	09/14/2016	remaining	FD	Y	UNDno (SM)	**26.2**		**S14, S30**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-10.0-10.5	10.0 - 10.5	0.7	0.2	JC27616-15	JC27616	09/14/2016	remaining	N	Y		3.8		**S14**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-12.0-12.5	12.0 - 12.5	-1.3	-1.8	JC27616-16	JC27616	09/14/2016	remaining	N	Y		4.0		**S14**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-14.0-14.5	14.0 - 14.5	-3.3	-3.8	JC27616-17R	JC27616R	09/14/2016	remaining	N	Y		4.3		**S14**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-16.0-16.5	16.0 - 16.5	-5.3	-5.8	JC27616-18	JC27616	09/14/2016	remaining	N	Y		5.5	J	**S14**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-18.0-18.5	18.0 - 18.5	-7.3	-7.8	JC27616-19R	JC27616R	09/14/2016	remaining	N	Y		2.9	J	**S14**
CC13B	NFS-PDI-CC13B	10.7	NFS-PDI-CC13B-20.0-20.5	20.0 - 20.5	-9.3	-9.8	JC27616-21	JC27616	09/14/2016	remaining	N	Y		16.8	J	**S14**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-0.5-1.0	0.5 - 1.0	9.9	9.4	JC31705-15R	JC31705R	11/14/2016	remaining	N	Y		0.62	J	**S27**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-2.0-2.5	2.0 - 2.5	8.4	7.9	JC31705-21	JC31705	11/14/2016	remaining	N	Y		0.79	J	**S27**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-4.0-4.5	4.0 - 4.5	6.4	5.9	JC31705-23	JC31705	11/14/2016	remaining	N	Y		2.2	J	**S27, S30**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-5.0-5.5	5.0 - 5.5	5.4	4.9	JC31705-24	JC31705	11/14/2016	remaining	N	Y		1.0	J	**S27, S30**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-5.5-6.0	5.5 - 6.0	4.9	4.4	JC31705-25	JC31705	11/14/2016	remaining	N	Y		0.62	J	**S27, S30**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-6.0-6.5	6.0 - 6.5	4.4	3.9	JC31705-26	JC31705	11/14/2016	remaining	N	Y		< 0.35	UJ	**S27, S30**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-8.0-8.5	8.0 - 8.5	2.4	1.9	JC31705-27R	JC31705R	11/14/2016	remaining	N	Y	UNDno (SM)	**38.7**	**J**	**S27, S30**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-10.0-10.5	10.0 - 10.5	0.4	-0.1	JC31705-16R	JC31705R	11/14/2016	remaining	N	Y		5.9	J	**S27**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-12.0-12.5	12.0 - 12.5	-1.6	-2.1	JC31705-17R	JC31705R	11/14/2016	remaining	N	Y		2.4	J	**S27**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-14.0-14.5	14.0 - 14.5	-3.6	-4.1	JC31705-18R	JC31705R	11/14/2016	remaining	N	Y		3.5	J	**S27**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-16.0-16.5	16.0 - 16.5	-5.6	-6.1	JC31705-19R	JC31705R	11/14/2016	remaining	N	Y		6.8	J	**S27**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-18.0-18.5	18.0 - 18.5	-7.6	-8.1	JC31705-20	JC31705	11/14/2016	remaining	N	Y		3.5	J	**S27**
CC13B	NFS-PDI-CC13BR	10.4	NFS-PDI-CC13BR-20.0-20.5	20.0 - 20.5	-9.6	-10.1	JC31705-22R	JC31705R	11/14/2016	remaining	N	Y		3.6	J	**S27**
CC14B	114-MW27A	10.6	MW27A-0.5	0.5 - 1.0	10.1	9.6	460-34209-1	460342091	12/01/2011	remaining	N	Y		1.3	J	**S14**
CC14B	114-MW27A	10.6	MW27A-3.0	3.0 - 3.5	7.6	7.1	460-34209-2	460342091	12/01/2011	remaining	N	Y		1.1	J	**S14, S31**
CC14B	114-MW27A	10.6	MW27A-5.0	5.0 - 5.5	5.6	5.1	460-34209-7	460342091	12/01/2011	remaining	N	Y		< 0.86	U	**S14, S31**
CC14B	114-MW27A	10.6	MW27A-6.0	6.0 - 6.5	4.6	4.1	460-34209-8	460342091	12/01/2011	remaining	N	Y		< 0.98	U	**S14, S31**
CC14B	114-MW27A	10.6	MW27A-6.0X	6.0 - 6.5	4.6	4.1	460-34209-5	460342091	12/01/2011	remaining	FD	Y		< 0.90	U	**S14, S31**
CC14B	114-MW27A	10.6	MW27A-8.0	8.0 - 8.5	2.6	2.1	460-34209-6	460342091	12/01/2011	remaining	N	Y		1.4	J	**S14**
CC14B	FS10	10.6	FS10-0.3-0.8	0.3 - 0.8	10.3	9.8	JB61029-1	JB61029	03/04/2014	remaining	N	Y		2.3	J	**S14**
CC14B	FS10	10.6	FS10-2.0-2.5	2.0 - 2.5	8.6	8.1	JB61029-2	JB61029	03/04/2014	remaining	N	Y	FILL (FILL)	**21.0**	**J**	**S14, S17**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

														Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
CC14B	FS10	10.6	FS10-2.0-2.5X	2.0 - 2.5	8.6	8.1	JB61029-3	JB61029	03/04/2014	remaining	FD	Y	FILL (FILL)	**26.3**	**J**	**S14, S17**
CC14B	FS10	10.6	FS10-4.0-4.5	4.0 - 4.5	6.6	6.1	JB61029-4	JB61029	03/04/2014	remaining	N	Y		< 0.081	UJ	**S14, S31**
CC14B	FS10	10.6	FS10-6.0-6.5	6.0 - 6.5	4.6	4.1	JB61029-5	JB61029	03/04/2014	remaining	N	Y		< 0.093	UJ	**S14, S31**
CC14B	FS10	10.6	FS10-8.0-8.5	8.0 - 8.5	2.6	2.1	JB61029-6	JB61029	03/04/2014	remaining	N	Y		5.6	J	**S14**
CC14B	FS10	10.6	FS10-10.0-10.5	10.0 - 10.5	0.6	0.1	JB61029-8	JB61029	03/04/2014	remaining	N	Y	FILL (FILL)	**47.0**	**J**	**S14, S31**
CC14B	FS10	10.6	FS10-12.0-12.5	12.0 - 12.5	-1.4	-1.9	JB61029-9	JB61029	03/04/2014	remaining	N	Y		4.0	J	**S14**
CC14B	FS10	10.6	FS10-20.0-20.5	20.0 - 20.5	-9.4	-9.9	JB61029-10	JB61029	03/04/2014	remaining	N	Y		1.5	J	**S14**
CC14B	FS10	10.6	FS10-22.0-22.5	22.0 - 22.5	-11.4	-11.9	JB61029-11	JB61029	03/04/2014	remaining	N	Y		1.3	J	**S14**
CC14B	FS10	10.6	FS10-24.0-24.5	24.0 - 24.5	-13.4	-13.9	JB61029-12	JB61029	03/04/2014	remaining	N	Y		< 0.085	UJ	**S14**
CC14B	FS10	10.6	FS10-26.0-26.5	26.0 - 26.5	-15.4	-15.9	JB61029-14	JB61029	03/04/2014	remaining	N	Y		< 0.083	UJ	**S14**
CC14B	FS10	10.6	FS10-28.0-28.5	28.0 - 28.5	-17.4	-17.9	JB61029-15	JB61029	03/04/2014	remaining	N	Y		< 0.086	UJ	**S14**
CC14B	FS10	10.6	FS10-30.0-30.5	30.0 - 30.5	-19.4	-19.9	JB61029-17	JB61029	03/04/2014	remaining	N	Y		< 0.082	UJ	**S14**
CC14B	FS10	10.6	FS10-32.0-32.5	32.0 - 32.5	-21.4	-21.9	JB61029-18	JB61029	03/04/2014	remaining	N	Y		< 0.086	UJ	**S14**
CC14B	FS10	10.6	FS10-34.0-34.5	34.0 - 34.5	-23.4	-23.9	JB61029-19	JB61029	03/04/2014	remaining	N	Y		0.58	J	**S14**
CC14B	FS10	10.6	FS10-36.0-36.5	36.0 - 36.5	-25.4	-25.9	JB61029-20	JB61029	03/04/2014	remaining	N	Y		7.1	J	**S14**
CC14B	FS10	10.6	FS10-38.0-38.5	38.0 - 38.5	-27.4	-27.9	JB61029-21	JB61029	03/04/2014	remaining	N	Y		< 0.085	UJ	**S14**
CC14B	FS10	10.6	FS10-40.0-40.5	40.0 - 40.5	-29.4	-29.9	JB61029-22	JB61029	03/04/2014	remaining	N	Y		0.58	J	**S14**
CC14B	FS8	10.7	FS8-0.0-0.5	0.0 - 0.5	10.7	10.2	JB60888-1	JB60888	02/28/2014	remaining	N	Y		3.3	J	**S14**
CC14B	FS8	10.7	FS8-2.0-2.5	2.0 - 2.5	8.7	8.2	JB60888-2	JB60888	02/28/2014	remaining	N	Y		12.4	J	**S14**
CC14B	FS8	10.7	FS8-2.0-2.5X	2.0 - 2.5	8.7	8.2	JB60888-3	JB60888	02/28/2014	remaining	FD	Y		7.5	J	**S14**
CC14B	FS8	10.7	FS8-4.0-4.5	4.0 - 4.5	6.7	6.2	JB60888-4	JB60888	02/28/2014	remaining	N	Y		0.18	J	**S14, S31**
CC14B	FS8	10.7	FS8-6.0-6.5	6.0 - 6.5	4.7	4.2	JB60888-5	JB60888	02/28/2014	remaining	N	Y		0.17	J	**S14, S31**
CC14B	FS8	10.7	FS8-8.0-8.5	8.0 - 8.5	2.7	2.2	JB60888-6	JB60888	02/28/2014	remaining	N	Y		< 0.086	UJ	**S14, S31**
CC14B	FS8	10.7	FS8-10.0-10.5	10.0 - 10.5	0.7	0.2	JB60888-8	JB60888	02/28/2014	remaining	N	Y		0.25	J	**S14**
CC14B	FS8	10.7	FS8-12.0-12.5	12.0 - 12.5	-1.3	-1.8	JB60888-9	JB60888	02/28/2014	remaining	N	Y		5.2	J	**S14**
CC14B	FS8	10.7	FS8-14.0-14.5	14.0 - 14.5	-3.3	-3.8	JB60888-10	JB60888	02/28/2014	remaining	N	Y		1.4	J	**S14**
CC14B	FS8	10.7	FS8-16.0-16.5	16.0 - 16.5	-5.3	-5.8	JB60888-11	JB60888	02/28/2014	remaining	N	Y		0.42	J	**S14**
CC14B	FS8	10.7	FS8-20.0-20.5	20.0 - 20.5	-9.3	-9.8	JB60888-13	JB60888	02/28/2014	remaining	N	Y		0.24	J	**S14**
CC14B	FS8	10.7	FS8-22.0-22.5	22.0 - 22.5	-11.3	-11.8	JB60888-14	JB60888	02/28/2014	remaining	N	Y		0.16	J	**S14**
CC14B	FS8	10.7	FS8-24.0-24.5	24.0 - 24.5	-13.3	-13.8	JB60888-15	JB60888	02/28/2014	remaining	N	Y		< 0.088	UJ	**S14**
CC14B	FS8	10.7	FS8-26.0-26.5	26.0 - 26.5	-15.3	-15.8	JB60888-16	JB60888	02/28/2014	remaining	N	Y		0.24	J	**S14**
CC14B	FS8	10.7	FS8-28.0-28.5	28.0 - 28.5	-17.3	-17.8	JB60888-17	JB60888	02/28/2014	remaining	N	Y		0.12	J	**S14**
CC14B	FS8	10.7	FS8-30.0-30.5	30.0 - 30.5	-19.3	-19.8	JB60888-19	JB60888	02/28/2014	remaining	N	Y		0.27	J	**S14**
CC14B	FS8	10.7	FS8-32.0-32.5	32.0 - 32.5	-21.3	-21.8	JB60888-20	JB60888	02/28/2014	remaining	N	Y		< 0.082	UJ	**S14**
CC14B	FS8	10.7	FS8-34.0-34.5	34.0 - 34.5	-23.3	-23.8	JB60888-21	JB60888	02/28/2014	remaining	N	Y		0.11	J	**S14**
CC14B	FS8	10.7	FS8-36.0-36.5	36.0 - 36.5	-25.3	-25.8	JB60888-22	JB60888	02/28/2014	remaining	N	Y		0.41	J	**S14**
CC14B	FS8	10.7	FS8-38.0-38.5	38.0 - 38.5	-27.3	-27.8	JB60888-23	JB60888	02/28/2014	remaining	N	Y		0.32	J	**S14**
CC14B	FS9	10.7	FS9-0.3-0.8	0.3 - 0.8	10.4	9.9	JB61122-1R	JB61122R	03/05/2014	remaining	N	Y		0.70	J	**S14**
CC14B	FS9	10.7	FS9-2.0-2.5	2.0 - 2.5	8.7	8.2	JB61122-2R	JB61122R	03/05/2014	remaining	N	Y	FILL (FILL)	**32.3**	**J**	**S14, S17**
CC14B	FS9	10.7	FS9-2.0-2.5X	2.0 - 2.5	8.7	8.2	JB61122-3R	JB61122R	03/05/2014	remaining	FD	Y	FILL (FILL)	**37.5**	**J**	**S14, S17**
CC14B	FS9	10.7	FS9-4.0-4.5	4.0 - 4.5	6.7	6.2	JB61122-4R	JB61122R	03/05/2014	remaining	N	Y		0.23	J	**S14, S31**
CC14B	FS9	10.7	FS9-6.0-6.5	6.0 - 6.5	4.7	4.2	JB61122-5R	JB61122R	03/05/2014	remaining	N	Y		0.57	J	**S14, S31**
CC14B	FS9	10.7	FS9-8.0-8.5	8.0 - 8.5	2.7	2.2	JB61122-6R	JB61122R	03/05/2014	remaining	N	Y		1.0	J	**S14, S31**
CC14B	FS9	10.7	FS9-10.0-10.5	10.0 - 10.5	0.7	0.2	JB61122-8R	JB61122R	03/05/2014	remaining	N	Y		1.1	J	**S14**
CC14B	FS9	10.7	FS9-12.0-12.5	12.0 - 12.5	-1.3	-1.8	JB61122-9R	JB61122R	03/05/2014	remaining	N	Y		1.6	J	**S14**
CC14B	FS9	10.7	FS9-16.0-16.5	16.0 - 16.5	-5.3	-5.8	JB61122-10R	JB61122R	03/05/2014	remaining	N	Y		1.4	J	**S14**
CC14B	FS9	10.7	FS9-18.0-18.5	18.0 - 18.5	-7.3	-7.8	JB61122-11	JB61122	03/05/2014	remaining	N	Y		1.7	J	**S14**
CC14B	FS9	10.7	FS9-20.0-20.5	20.0 - 20.5	-9.3	-9.8	JB61122-13R	JB61122R	03/05/2014	remaining	N	Y		0.82	J	**S14**
CC14B	FS9	10.7	FS9-22.0-22.5	22.0 - 22.5	-11.3	-11.8	JB61122-14	JB61122	03/05/2014	remaining	N	Y		< 0.081	UJ	**S14**
CC14B	FS9	10.7	FS9-24.0-24.5	24.0 - 24.5	-13.3	-13.8	JB61122-15	JB61122	03/05/2014	remaining	N	Y		< 0.090	UJ	**S14**
CC14B	FS9	10.7	FS9-26.0-26.5	26.0 - 26.5	-15.3	-15.8	JB61122-16	JB61122	03/05/2014	remaining	N	Y		< 0.085	UJ	**S14**
CC14B	FS9	10.7	FS9-28.0-28.5	28.0 - 28.5	-17.3	-17.8	JB61122-18	JB61122	03/05/2014	remaining	N	Y		< 0.082	UJ	**S14**
CC14B	FS9	10.7	FS9-30.0-30.5	30.0 - 30.5	-19.3	-19.8	JB61122-19	JB61122	03/05/2014	remaining	N	Y		0.30	J	**S14**
CC14B	FS9	10.7	FS9-32.0-32.5	32.0 - 32.5	-21.3	-21.8	JB61122-20	JB61122	03/05/2014	remaining	N	Y		0.95	J	**S14**
CC14B	FS9	10.7	FS9-34.0-34.5	34.0 - 34.5	-23.3	-23.8	JB61122-21	JB61122	03/05/2014	remaining	N	Y		< 0.085	UJ	**S14**
CC14B	FS9	10.7	FS9-36.0-36.5	36.0 - 36.5	-25.3	-25.8	JB61122-22	JB61122	03/05/2014	remaining	N	Y		< 0.086	UJ	**S14**
CC14B	FS9	10.7	FS9-38.0-38.5	38.0 - 38.5	-27.3	-27.8	JB61122-23	JB61122	03/05/2014	remaining	N	Y		0.17	J	**S14**
CC14B	FSTP1-SewerLine	10.7	FSTP1-7.1-7.6	7.1 - 7.6	3.6	3.1	JB59711-14	JB59711	02/12/2014	remaining	N	Y		0.24	J	**S14, S31**
CC14B	FSTP1-WaterLine1	10.7	FSTP1-4.0-4.5	4.0 - 4.5	6.7	6.2	JB59605-23R	JB59605R	02/11/2014	remaining	N	Y		1.4	J	**S14, S31**
CC14B	FSTP1-WaterLine2	10.7	FSTP1-5.2-5.7	5.2 - 5.7	5.5	5.0	JB59711-13	JB59711	02/12/2014	remaining	N	Y		0.60		**S14, S31**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
CC14B	ICO-21	10.6	ICO-B21-0.5	0.5 - 1.0	10.1	9.6	460-27221-1	460272211	06/03/2011	remaining	N	Y		1.4	J	**S14**
CC14B	ICO-21	10.6	ICO-B21-2.0	2.0 - 2.5	8.6	8.1	460-27221-2	460272211	06/03/2011	remaining	N	Y		2.8		**S14**
CC14B	ICO-21	10.6	ICO-B21-4.0	4.0 - 4.5	6.6	6.1	460-27221-3	460272211	06/03/2011	remaining	N	Y		< 0.57	U	**S14, S31**
CC14B	ICO-21	10.6	ICO-21-6.0	6.0 - 6.5	4.6	4.1	460-27221-8	460272211	06/03/2011	remaining	N	Y		< 0.68	U	**S14, S31**
CC14B	ICO-21	10.6	ICO-21-8.0	8.0 - 8.5	2.6	2.1	460-27221-9	460272211	06/03/2011	remaining	N	Y	UNDno (ML-SM)	**68.3**		**S14, S31**
CC14B	ICO-21	10.6	ICO-21-10.0	10.0 - 10.5	0.6	0.1	460-27221-10	460272211	06/03/2011	remaining	N	Y	UNDno (ML-SM)	**23.5**		**S14, S31**
CC14B	ICO-21	10.6	ICO-21-12.0	12.0 - 12.5	-1.4	-1.9	460-27221-11	460272211	06/03/2011	remaining	N	Y		1.3	J	**S14**
CC14B	ICO-21	10.6	ICO-21-16.0	16.0 - 16.5	-5.4	-5.9	460-27221-12	460272211	06/03/2011	remaining	N	Y		< 0.56	U	**S14**
CC14B	ICO-21	10.6	ICO-21-18.0	18.0 - 18.5	-7.4	-7.9	460-27221-13	460272211	06/03/2011	remaining	N	Y		1.4	J	**S14**
CC14B	NFS-PDI-CC14B	10.8	NFS-PDI-CC14B-0.5-1.0	0.5 - 1.0	10.3	9.8	JC27804-17	JC27804	09/16/2016	remaining	N	Y		1.4	J	**S14**
CC14B	NFS-PDI-CC14B	10.8	NFS-PDI-CC14B-2.5-3.0	2.5 - 3.0	8.3	7.8	JC27804-19	JC27804	09/16/2016	remaining	N	Y		< 0.34	UJ	**S14**
CC14B	NFS-PDI-CC14B	10.8	NFS-PDI-CC14B-4.5-5.0	4.5 - 5.0	6.3	5.8	JC27804-20	JC27804	09/16/2016	remaining	N	Y		< 0.34	UJ	**S14, S31**
CC14B	NFS-PDI-CC14B	10.8	NFS-PDI-CC14B-6.5-7.0	6.5 - 7.0	4.3	3.8	JC27804-21T	JC27804T	09/16/2016	remaining	N	Y		0.43	J	**S14, S31**
CC14B	NFS-PDI-CC14B	10.8	NFS-PDI-CC14B-7.5-8.0	7.5 - 8.0	3.3	2.8	JC27804-22	JC27804	09/16/2016	remaining	N	Y		0.82	J	**S14, S31**
CC14B	NFS-PDI-CC14B	10.8	NFS-PDI-CC14B-8.0-8.5	8.0 - 8.5	2.8	2.3	JC27804-23T	JC27804T	09/16/2016	remaining	N	Y		0.32	J	**S14, S31**
CC14B	NFS-PDI-CC14B	10.8	NFS-PDI-CC14B-8.5-9.0	8.5 - 9.0	2.3	1.8	JC27804-24	JC27804	09/16/2016	remaining	N	Y		0.37	J	**S14**
CC14B	NFS-PDI-CC14B	10.8	NFS-PDI-CC14B-10.5-11.0	10.5 - 11.0	0.3	-0.2	JC27804-18	JC27804	09/16/2016	remaining	N	Y		2.5	J	**S14**
CC14B	NFS-PDI-CC14BR	3.4	NFS-PDI-CC14BR-2.0-2.5	2.0 - 2.5	1.4	0.9	JC37176-4	JC37176	02/14/2017	remaining	N	Y		5.0		**S27**
CC14B	NFS-PDI-CC14BR	3.4	NFS-PDI-CC14BR-4.0-4.5	4.0 - 4.5	-0.6	-1.1	JC37176-5	JC37176	02/14/2017	remaining	N	Y		4.6		**S27**
CC14B	NFS-PDI-CC14BR	3.4	NFS-PDI-CC14BR-6.0-6.5	6.0 - 6.5	-2.6	-3.1	JC37176-6	JC37176	02/14/2017	remaining	N	Y		4.5		**S27**
CC14B	NFS-PDI-CC14BR	3.4	NFS-PDI-CC14BR-8.0-8.5	8.0 - 8.5	-4.6	-5.1	JC37176-7	JC37176	02/14/2017	remaining	N	Y		2.1		**S27**
CC14B	NFS-PDI-CC14BR	3.4	NFS-PDI-CC14BR-10.0-10.5	10.0 - 10.5	-6.6	-7.1	JC37176-2	JC37176	02/14/2017	remaining	N	Y		1.8		**S27**
CC14B	NFS-PDI-CC14BR	3.4	NFS-PDI-CC14BR-12.0-12.5	12.0 - 12.5	-8.6	-9.1	JC37176-3	JC37176	02/14/2017	remaining	N	Y		0.37	J	**S27**
CC14B	NFS-PDI-CC14BR	3.4	NFS-PDI-CC14BR-13.5-14.0	13.5 - 14.0	-10.1	-10.6	JC37176-15	JC37176	02/14/2017	remaining	N	Y		< 0.36	U	**S27**
CC15B	EF-75	10.7	EF-B75-7.5	7.5 - 8.0	3.2	2.7	460-29712-1	460297121	08/08/2011	remaining	N	Y		< 0.66	U	**S14**
CC15B	EF-75	10.7	EF-B75-10.0	10.0 - 10.5	0.7	0.2	460-29712-2	460297121	08/08/2011	remaining	N	Y		< 0.62	U	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-0.2-0.7	0.2 - 0.7	10.5	10.0	JC27616-27	JC27616	09/14/2016	remaining	N	Y	FILL (FILL)	**24.1**	**J**	**S14, S17**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-2.0-2.5	2.0 - 2.5	8.7	8.2	JC27616-34	JC27616	09/14/2016	remaining	N	Y		2.1	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-4.0-4.5	4.0 - 4.5	6.7	6.2	JC27616-36	JC27616	09/14/2016	remaining	N	Y		0.34	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-6.0-6.5	6.0 - 6.5	4.7	4.2	JC27616-37	JC27616	09/14/2016	remaining	N	Y		0.47	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-8.0-8.5	8.0 - 8.5	2.7	2.2	JC27616-38	JC27616	09/14/2016	remaining	N	Y		0.58	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-8.5-9.0	8.5 - 9.0	2.2	1.7	JC27616-39	JC27616	09/14/2016	remaining	N	Y		0.37	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-9.0-9.5	9.0 - 9.5	1.7	1.2	JC27616-40	JC27616	09/14/2016	remaining	N	Y		0.44	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-10.0-10.5	10.0 - 10.5	0.7	0.2	JC27616-28	JC27616	09/14/2016	remaining	N	Y		< 0.37	UJ	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-12.0-12.5	12.0 - 12.5	-1.3	-1.8	JC27616-29	JC27616	09/14/2016	remaining	N	Y		0.58	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-14.0-14.5	14.0 - 14.5	-3.3	-3.8	JC27616-30	JC27616	09/14/2016	remaining	N	Y		0.60		**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-14.0-14.5X	14.0 - 14.5	-3.3	-3.8	JC27616-31	JC27616	09/14/2016	remaining	FD	Y		1.2		**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-16.0-16.5	16.0 - 16.5	-5.3	-5.8	JC27616-32	JC27616	09/14/2016	remaining	N	Y		2.0	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-18.0-18.5	18.0 - 18.5	-7.3	-7.8	JC27616-33	JC27616	09/14/2016	remaining	N	Y		3.4	J	**S14**
CC15B	NFS-PDI-CC15B	10.7	NFS-PDI-CC15B-20.0-20.5	20.0 - 20.5	-9.3	-9.8	JC27616-35	JC27616	09/14/2016	remaining	N	Y		4.0	J	**S14**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-2.5-3.0	2.5 - 3.0	5.3	4.8	JC37110-8	JC37110	02/13/2017	remaining	N	Y		< 0.36	UJ	**S27**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-4.0-4.5	4.0 - 4.5	3.8	3.3	JC37110-10	JC37110	02/13/2017	remaining	N	Y		< 0.34	UJ	**S27**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-5.5-6.0	5.5 - 6.0	2.3	1.8	JC37110-11R	JC37110R	02/13/2017	remaining	N	Y		0.54	J	**S27**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-6.0-6.5	6.0 - 6.5	1.8	1.3	JC37110-12	JC37110	02/13/2017	remaining	N	Y	UNDno (SM)	< 0.33	UJ	**S27, S32**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-8.0-8.5	8.0 - 8.5	-0.2	-0.7	JC37110-13R	JC37110R	02/13/2017	remaining	N	Y	UNDno (SM)	0.38	J	**S27, S32**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-10.0-10.5	10.0 - 10.5	-2.2	-2.7	JC37110-2	JC37110	02/13/2017	remaining	N	Y	UNDno (SM)	7.5	J	**S27, S32**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-10.0-10.5X	10.0 - 10.5	-2.2	-2.7	JC37110-3R	JC37110R	02/13/2017	remaining	FD	Y	UNDno (SM)	6.4	J	**S27, S32**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-12.0-12.5	12.0 - 12.5	-4.2	-4.7	JC37110-4	JC37110	02/13/2017	remaining	N	Y	UNDno (SM)	**70.5**	**J**	**S27, S32**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-14.0-14.5	14.0 - 14.5	-6.2	-6.7	JC37110-5	JC37110	02/13/2017	remaining	N	Y	UNDno (SM)	**43.5**	**J**	**S27, S32**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-16.0-16.5	16.0 - 16.5	-8.2	-8.7	JC37110-6R	JC37110R	02/13/2017	remaining	N	Y		15.3	J	**S27**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-18.0-18.5	18.0 - 18.5	-10.2	-10.7	JC37110-7	JC37110	02/13/2017	remaining	N	Y	UNDno (SM)	**28.0**	**J**	**S27, S32**
DD11B	NFS-PDI-DD11BR	7.8	NFS-PDI-DD11BR-20.0-20.5	20.0 - 20.5	-12.2	-12.7	JC37110-9	JC37110	02/13/2017	remaining	N	Y		0.54	J	**S27**
DD13B	FSI6A	7.6	FSI6A-2.0-2.5	2.0 - 2.5	5.6	5.1	JB96704-2R	JB96704R	06/10/2015	remaining	N	Y		0.67	J	**S27**
DD13B	FSI6A	7.6	FSI6A-2.0-2.5X	2.0 - 2.5	5.6	5.1	JB96704-3	JB96704	06/10/2015	remaining	FD	Y		0.37	J	**S27**
DD13B	FSI6A	7.6	FSI6A-4.0-4.5	4.0 - 4.5	3.6	3.1	JB96704-4	JB96704	06/10/2015	remaining	N	Y		0.49	J	**S27**
DD13B	FSI6A	7.6	FSI6A-6.0-6.5	6.0 - 6.5	1.6	1.1	JB96704-5	JB96704	06/10/2015	remaining	N	Y		0.47	J	**S27**
DD14B	FSI1A	3.4	FSI1A-0.8-1.3	0.8 - 1.3	2.6	2.1	JB96462-4	JB96462	06/06/2015	remaining	N	Y		< 0.23	U	**S27**
DD14B	NFS-PDI-DD14B	3.5	NFS-PDI-DD14B-3.0-3.5	3.0 - 3.5	0.5	0.0	JC37176-10	JC37176	02/14/2017	remaining	N	Y		< 0.34	U	**S27**
DD14B	NFS-PDI-DD14B	3.5	NFS-PDI-DD14B-5.0-5.5	5.0 - 5.5	-1.5	-2.0	JC37176-11	JC37176	02/14/2017	remaining	N	Y		2.2		**S27**
DD14B	NFS-PDI-DD14B	3.5	NFS-PDI-DD14B-7.0-7.5	7.0 - 7.5	-3.5	-4.0	JC37176-12	JC37176	02/14/2017	remaining	N	Y		< 0.33	U	**S27**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
DD14B	NFS-PDI-DD14B	3.5	NFS-PDI-DD14B-7.0-7.5X	7.0 - 7.5	-3.5	-4.0	JC37176-13	JC37176	02/14/2017	remaining	FD	Y		< 0.33	U	**S27**
DD14B	NFS-PDI-DD14B	3.5	NFS-PDI-DD14B-9.0-9.5	9.0 - 9.5	-5.5	-6.0	JC37176-14	JC37176	02/14/2017	remaining	N	Y		< 0.34	U	**S27**
DD14B	NFS-PDI-DD14B	3.5	NFS-PDI-DD14B-11.0-11.5	11.0 - 11.5	-7.5	-8.0	JC37176-8	JC37176	02/14/2017	remaining	N	Y		< 0.33	U	**S27**
DD14B	NFS-PDI-DD14B	3.5	NFS-PDI-DD14B-13.0-13.5	13.0 - 13.5	-9.5	-10.0	JC37176-9	JC37176	02/14/2017	remaining	N	Y		< 0.32	U	**S27**
DD15B	FS11	10.9	FS11-0.0-0.5	0.0 - 0.5	10.9	10.4	JB59711-1	JB59711	02/12/2014	remaining	N	Y		0.47		**S14**
DD15B	FS11	10.9	FS11-2.0-2.5	2.0 - 2.5	8.9	8.4	JB59711-2	JB59711	02/12/2014	remaining	N	Y		2.3		**S14**
DD15B	FS11	10.9	FS11-4.0-4.5	4.0 - 4.5	6.9	6.4	JB59711-3	JB59711	02/12/2014	remaining	N	Y		0.23	J	**S14**
DD15B	FS11	10.9	FS11-6.0-6.5	6.0 - 6.5	4.9	4.4	JB59711-4	JB59711	02/12/2014	remaining	N	Y		0.12	J	**S14**
DD15B	FS11	10.9	FS11-8.0-8.5	8.0 - 8.5	2.9	2.4	JB59711-5	JB59711	02/12/2014	remaining	N	Y		0.29	J	**S14**
DD15B	FS11	10.9	FS11-10.0-10.5	10.0 - 10.5	0.9	0.4	JB59711-7	JB59711	02/12/2014	remaining	N	Y		0.45	J	**S14**
DD15B	FS11	10.9	FS11-12.0-12.5	12.0 - 12.5	-1.1	-1.6	JB59711-8	JB59711	02/12/2014	remaining	N	Y		0.096	J	**S14**
DD15B	FS11	10.9	FS11-14.0-14.5	14.0 - 14.5	-3.1	-3.6	JB59711-9	JB59711	02/12/2014	remaining	N	Y		0.27	J	**S14**
DD15B	FS11	10.9	FS11-16.0-16.5	16.0 - 16.5	-5.1	-5.6	JB59711-10	JB59711	02/12/2014	remaining	N	Y		< 0.078	U	**S14**
DD15B	FS11	10.9	FS11-18.0-18.5	18.0 - 18.5	-7.1	-7.6	JB59711-11	JB59711	02/12/2014	remaining	N	Y		0.15	J	**S14**
DD15B	FS11	10.9	FS11-20.0-20.5	20.0 - 20.5	-9.1	-9.6	JB59711-15	JB59711	02/12/2014	remaining	N	Y		0.18	J	**S14**
DD15B	FS11	10.9	FS11-22.0-22.5	22.0 - 22.5	-11.1	-11.6	JB59711-16	JB59711	02/12/2014	remaining	N	Y		0.33	J	**S14**
DD15B	FS11	10.9	FS11-24.0-24.5	24.0 - 24.5	-13.1	-13.6	JB59711-17	JB59711	02/12/2014	remaining	N	Y		0.17	J	**S14**
DD15B	FS11	10.9	FS11-26.0-26.5	26.0 - 26.5	-15.1	-15.6	JB59711-19	JB59711	02/12/2014	remaining	N	Y		0.79		**S14**
DD15B	FS11	10.9	FS11-28.0-28.5	28.0 - 28.5	-17.1	-17.6	JB59711-20	JB59711	02/12/2014	remaining	N	Y		< 0.086	U	**S14**
DD15B	FS11	10.9	FS11-30.0-30.5	30.0 - 30.5	-19.1	-19.6	JB59711-21	JB59711	02/12/2014	remaining	N	Y		1.1		**S14**
DD15B	FS11	10.9	FS11-32.0-32.5	32.0 - 32.5	-21.1	-21.6	JB59711-22	JB59711	02/12/2014	remaining	N	Y		< 0.083	U	**S14**
DD15B	FS11	10.9	FS11-34.0-34.5	34.0 - 34.5	-23.1	-23.6	JB59711-23	JB59711	02/12/2014	remaining	N	Y		0.11	J	**S14**
DD15B	FSI1	3.6	FSI1-1.0-1.5	1.0 - 1.5	2.6	2.1	JB64098-1R	JB64098R	04/08/2014	remaining	N	Y		1.4	J	**S27**
DD16B	FS12	10.9	FS12-0.0-0.5	0.0 - 0.5	10.9	10.4	JB59605-1	JB59605	02/11/2014	remaining	N	Y		4.5	J	**S14**
DD16B	FS12	10.9	FS12-2.0-2.5	2.0 - 2.5	8.9	8.4	JB59605-2R	JB59605R	02/11/2014	remaining	N	Y		3.8	J	**S14**
DD16B	FS12	10.9	FS12-4.0-4.5	4.0 - 4.5	6.9	6.4	JB59605-3	JB59605	02/11/2014	remaining	N	Y		0.28	J	**S14**
DD16B	FS12	10.9	FS12-4.0-4.5X	4.0 - 4.5	6.9	6.4	JB59605-4	JB59605	02/11/2014	remaining	FD	Y		0.18	J	**S14**
DD16B	FS12	10.9	FS12-6.0-6.5	6.0 - 6.5	4.9	4.4	JB59605-5R	JB59605R	02/11/2014	remaining	N	Y		0.73	J	**S14**
DD16B	FS12	10.9	FS12-8.0-8.5	8.0 - 8.5	2.9	2.4	JB59605-6	JB59605	02/11/2014	remaining	N	Y		0.55	J	**S14**
DD16B	FS12	10.9	FS12-10.0-10.5	10.0 - 10.5	0.9	0.4	JB59605-8R	JB59605R	02/11/2014	remaining	N	Y		0.47	J	**S14**
DD16B	FS12	10.9	FS12-12.0-12.5	12.0 - 12.5	-1.1	-1.6	JB59605-9R	JB59605R	02/11/2014	remaining	N	Y		0.84	J	**S14**
DD16B	FS12	10.9	FS12-14.0-14.5	14.0 - 14.5	-3.1	-3.6	JB59605-10R	JB59605R	02/11/2014	remaining	N	Y		0.56	J	**S14**
DD16B	FS12	10.9	FS12-16.0-16.5	16.0 - 16.5	-5.1	-5.6	JB59605-11R	JB59605R	02/11/2014	remaining	N	Y		0.87	J	**S14**
DD16B	FS12	10.9	FS12-18.0-18.5	18.0 - 18.5	-7.1	-7.6	JB59605-12R	JB59605R	02/11/2014	remaining	N	Y		0.90	J	**S14**
DD16B	FS12	10.9	FS12-20.0-20.5	20.0 - 20.5	-9.1	-9.6	JB59605-14R	JB59605R	02/11/2014	remaining	N	Y		0.85	J	**S14**
DD16B	FS12	10.9	FS12-22.0-22.5	22.0 - 22.5	-11.1	-11.6	JB59605-15R	JB59605R	02/11/2014	remaining	N	Y		0.73	J	**S14**
DD16B	FS12	10.9	FS12-24.0-24.5	24.0 - 24.5	-13.1	-13.6	JB59605-16R	JB59605R	02/11/2014	remaining	N	Y		0.13	J	**S14**
DD16B	FS12	10.9	FS12-26.0-26.5	26.0 - 26.5	-15.1	-15.6	JB59605-17R	JB59605R	02/11/2014	remaining	N	Y		0.43	J	**S14**
DD16B	FS12	10.9	FS12-28.0-28.5	28.0 - 28.5	-17.1	-17.6	JB59605-18R	JB59605R	02/11/2014	remaining	N	Y		0.23	J	**S14**
DD16B	FS12	10.9	FS12-30.0-30.5	30.0 - 30.5	-19.1	-19.6	JB59605-20R	JB59605R	02/11/2014	remaining	N	Y		0.69	J	**S14**
DD16B	FS12	10.9	FS12-32.0-32.5	32.0 - 32.5	-21.1	-21.6	JB59605-21R	JB59605R	02/11/2014	remaining	N	Y		0.45	J	**S14**
DD16B	FS12	10.9	FS12-34.0-34.5	34.0 - 34.5	-23.1	-23.6	JB59605-22R	JB59605R	02/11/2014	remaining	N	Y		< 0.086	UJ	**S14**
DD16B	FS12	10.9	FS12-36.0-36.5	36.0 - 36.5	-25.1	-25.6	JB59711-26	JB59711	02/12/2014	remaining	N	Y		0.15	J	**S14**
DD16B	FS12	10.9	FS12-38.0-38.5	38.0 - 38.5	-27.1	-27.6	JB59711-27	JB59711	02/12/2014	remaining	N	Y		0.10	J	**S14**
DD16B	FS12	10.9	FS12-38.0-38.5X	38.0 - 38.5	-27.1	-27.6	JB59711-28	JB59711	02/12/2014	remaining	FD	Y		0.11	J	**S14**
DD16B	FS12	10.9	FS12-40.0-40.5	40.0 - 40.5	-29.1	-29.6	JB59711-30	JB59711	02/12/2014	remaining	N	Y		0.25	J	**S14**
EE11B	FSI5A	7.7	FSI5A-2.0-2.5	2.0 - 2.5	5.7	5.2	JB96576-2	JB96576	06/09/2015	remaining	N	Y		0.40	J	**S27**
EE11B	FSI5A	7.7	FSI5A-3.0-3.5	3.0 - 3.5	4.7	4.2	JB96576-3	JB96576	06/09/2015	remaining	N	Y		0.42	J	**S27**
EE11B	FSI5A	7.7	FSI5A-5.0-5.5	5.0 - 5.5	2.7	2.2	JB96576-4	JB96576	06/09/2015	remaining	N	Y		< 0.24	U	**S27**
EE11B	FSI5A	7.7	FSI5A-5.0-5.5X	5.0 - 5.5	2.7	2.2	JB96576-5	JB96576	06/09/2015	remaining	FD	Y		0.35	J	**S27**
EE11B	FSI5A	7.7	FSI5A-7.0-7.5	7.0 - 7.5	0.7	0.2	JB96576-6	JB96576	06/09/2015	remaining	N	Y		0.27	J	**S27**
EE11B	FSI5A	7.7	FSI5A-9.0-9.5	9.0 - 9.5	-1.3	-1.8	JB96576-7	JB96576	06/09/2015	remaining	N	Y		0.34	J	**S27**
EE11B	FSI5A	7.7	FSI5A-11.0-11.5	11.0 - 11.5	-3.3	-3.8	JB96576-8	JB96576	06/09/2015	remaining	N	Y		< 0.23	U	**S27**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-0.0-0.5	0.0 - 0.5	11.0	10.5	JC27483-1R	JC27483R	09/13/2016	remaining	N	Y		1.1		**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-2.0-2.5	2.0 - 2.5	9.0	8.5	JC27483-8R	JC27483R	09/13/2016	remaining	N	Y		0.46		**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-4.0-4.5	4.0 - 4.5	7.0	6.5	JC27483-11R	JC27483R	09/13/2016	remaining	N	Y		< 0.32	U	**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-4.0-4.5X	4.0 - 4.5	7.0	6.5	JC27483-10	JC27483	09/13/2016	remaining	FD	Y		0.34	J	**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-6.0-6.5	6.0 - 6.5	5.0	4.5	JC27483-12R	JC27483R	09/13/2016	remaining	N	Y		0.72		**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-8.0-8.5	8.0 - 8.5	3.0	2.5	JC27483-13	JC27483	09/13/2016	remaining	N	Y		< 0.32	U	**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-10.0-10.5	10.0 - 10.5	1.0	0.5	JC27483-2R	JC27483R	09/13/2016	remaining	N	Y		0.58		**S14**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

														Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-11.5-12.0	11.5 - 12.0	-0.5	-1.0	JC27483-3R	JC27483R	09/13/2016	remaining	N	Y		< 0.32	U	**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-12.0-12.5	12.0 - 12.5	-1.0	-1.5	JC27483-4R	JC27483R	09/13/2016	remaining	N	Y		0.37	J	**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-14.0-14.5	14.0 - 14.5	-3.0	-3.5	JC27483-5R	JC27483R	09/13/2016	remaining	N	Y		0.32	J	**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-16.0-16.5	16.0 - 16.5	-5.0	-5.5	JC27483-6R	JC27483R	09/13/2016	remaining	N	Y		< 0.36	U	**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-18.0-18.5	18.0 - 18.5	-7.0	-7.5	JC27483-7R	JC27483R	09/13/2016	remaining	N	Y		< 0.33	U	**S14**
EE15B	NFS-PDI-EE15B	11.0	NFS-PDI-EE15B-20.0-20.5	20.0 - 20.5	-9.0	-9.5	JC27483-9R	JC27483R	09/13/2016	remaining	N	Y		0.38	J	**S14**
EE16B	FS13	11.0	FS13-0.0-0.5	0.0 - 0.5	11.0	10.5	JB59311-1	JB59311	02/06/2014	removed	N	Y	FILL (FILL)	**21.9**	**J**	**S14, S33**
EE16B	FS13	11.0	FS13-2.0-2.5	2.0 - 2.5	9.0	8.5	JB59311-2	JB59311	02/06/2014	remaining	N	Y		< 0.083	UJ	**S14**
EE16B	FS13	11.0	FS13-2.0-2.5X	2.0 - 2.5	9.0	8.5	JB59311-3R	JB59311R	02/06/2014	remaining	FD	Y		0.27	J	**S14**
EE16B	FS13	11.0	FS13-4.0-4.5	4.0 - 4.5	7.0	6.5	JB59311-4R	JB59311R	02/06/2014	remaining	N	Y		0.17	J	**S14**
EE16B	FS13	11.0	FS13-6.0-6.5	6.0 - 6.5	5.0	4.5	JB59425-1	JB59425	02/07/2014	remaining	N	Y		0.56		**S14**
EE16B	FS13	11.0	FS13-8.0-8.5	8.0 - 8.5	3.0	2.5	JB59425-2	JB59425	02/07/2014	remaining	N	Y		0.44	J	**S14**
EE16B	FS13	11.0	FS13-8.0-8.5X	8.0 - 8.5	3.0	2.5	JB59425-3	JB59425	02/07/2014	remaining	FD	Y		0.87		**S14**
EE16B	FS13	11.0	FS13-10.0-10.5	10.0 - 10.5	1.0	0.5	JB59425-5	JB59425	02/07/2014	remaining	N	Y		0.73		**S14**
EE16B	FS13	11.0	FS13-12.0-12.5	12.0 - 12.5	-1.0	-1.5	JB59425-6	JB59425	02/07/2014	remaining	N	Y		0.33	J	**S14**
EE16B	FS13	11.0	FS13-14.0-14.5	14.0 - 14.5	-3.0	-3.5	JB59425-7	JB59425	02/07/2014	remaining	N	Y		0.29	J	**S14**
EE16B	FS13	11.0	FS13-16.0-16.5	16.0 - 16.5	-5.0	-5.5	JB59425-8	JB59425	02/07/2014	remaining	N	Y		0.16	J	**S14**
EE16B	FS13	11.0	FS13-18.0-18.5	18.0 - 18.5	-7.0	-7.5	JB59425-9	JB59425	02/07/2014	remaining	N	Y		0.14	J	**S14**
EE16B	FS13	11.0	FS13-20.0-20.5	20.0 - 20.5	-9.0	-9.5	JB59519-1	JB59519	02/10/2014	remaining	N	Y		< 0.086	U	**S14**
EE16B	FS13	11.0	FS13-22.0-22.5	22.0 - 22.5	-11.0	-11.5	JB59519-2	JB59519	02/10/2014	remaining	N	Y		0.11	J	**S14**
EE16B	FS13	11.0	FS13-22.0-22.5X	22.0 - 22.5	-11.0	-11.5	JB59519-3	JB59519	02/10/2014	remaining	FD	Y		0.22	J	**S14**
EE16B	FS13	11.0	FS13-24.0-24.5	24.0 - 24.5	-13.0	-13.5	JB59519-4	JB59519	02/10/2014	remaining	N	Y		0.10	J	**S14**
EE16B	FS13	11.0	FS13-26.0-26.5	26.0 - 26.5	-15.0	-15.5	JB59519-5	JB59519	02/10/2014	remaining	N	Y		< 0.085	U	**S14**
EE16B	FS13	11.0	FS13-28.0-28.5	28.0 - 28.5	-17.0	-17.5	JB59519-6	JB59519	02/10/2014	remaining	N	Y		< 0.084	U	**S14**
EE16B	FS13	11.0	FS13-30.0-30.5	30.0 - 30.5	-19.0	-19.5	JB59519-8	JB59519	02/10/2014	remaining	N	Y		0.30	J	**S14**
EE16B	FS13	11.0	FS13-32.0-32.5	32.0 - 32.5	-21.0	-21.5	JB59519-9	JB59519	02/10/2014	remaining	N	Y		< 0.084	U	**S14**
EE16B	FS13	11.0	FS13-34.0-34.5	34.0 - 34.5	-23.0	-23.5	JB59519-10	JB59519	02/10/2014	remaining	N	Y		0.34	J	**S14**
EE16B	FS13	11.0	FS13-36.0-36.5	36.0 - 36.5	-25.0	-25.5	JB59519-11	JB59519	02/10/2014	remaining	N	Y		0.11	J	**S14**
EE16B	FS13	11.0	FS13-38.0-38.5	38.0 - 38.5	-27.0	-27.5	JB59519-12	JB59519	02/10/2014	remaining	N	Y		0.22	J	**S14**
EE16B	FS24	11.1	FS24-0.0-0.5	0.0 - 0.5	11.1	10.6	JB96351-1	JB96351	06/05/2015	remaining	N	Y		0.71	J	**S14, S33**
EE16B	FS24	11.1	FS24-2.0-2.5	2.0 - 2.5	9.1	8.6	JB96351-2R	JB96351R	06/05/2015	remaining	N	Y		1.8	J	**S14**
EE16B	FSI8	10.4	FSI8-0.5-1.0	0.5 - 1.0	9.9	9.4	JB64326-1R	JB64326R	04/10/2014	remaining	N	Y		1.1	J	**S27**
EE16B	FSI8	10.4	FSI8-1.0-1.5	1.0 - 1.5	9.4	8.9	JB64326-2R	JB64326R	04/10/2014	remaining	N	Y		3.6	J	**S27**
EE16B	FSI8	10.4	FSI8-1.0-1.5X	1.0 - 1.5	9.4	8.9	JB64326-3	JB64326	04/10/2014	remaining	FD	Y		1.4	J	**S27**
EE16B	FSI8	10.4	FSI8-1.5-2.0	1.5 - 2.0	8.9	8.4	JB64326-4R	JB64326R	04/10/2014	remaining	N	Y		1.3	J	**S27**
EE16B	FSI8	10.4	FSI8-2.0-2.5	2.0 - 2.5	8.4	7.9	JB64326-5R	JB64326R	04/10/2014	remaining	N	Y		1.7	J	**S27**
EE16B	FSI8	10.4	FSI8-2.5-3.0	2.5 - 3.0	7.9	7.4	JB64326-6	JB64326	04/10/2014	remaining	N	Y		2.4	J	**S27**
EE16B	FSI8	10.4	FSI8-3.0-3.5	3.0 - 3.5	7.4	6.9	JB64326-7R	JB64326R	04/10/2014	remaining	N	Y		1.6	J	**S27**
EE16B	FSI8	10.4	FSI8-3.5-4.0	3.5 - 4.0	6.9	6.4	JB64326-8R	JB64326R	04/10/2014	remaining	N	Y		5.6	J	**S27**
EE16B	FSI8	10.4	FSI8-4.0-4.5	4.0 - 4.5	6.4	5.9	JB64510-9	JB64510	04/11/2014	remaining	N	Y		0.49	J	**S27**
EE16B	FSI8	10.4	FSI8-6.0-6.5	6.0 - 6.5	4.4	3.9	JB64510-10	JB64510	04/11/2014	remaining	N	Y		0.24	J	**S27**
EE16B	FSI8	10.4	FSI8-6.0-6.5X	6.0 - 6.5	4.4	3.9	JB64510-11	JB64510	04/11/2014	remaining	FD	Y		< 0.094	U	**S27**
EE16B	FSI8	10.4	FSI8-8.0-8.5	8.0 - 8.5	2.4	1.9	JB64510-12	JB64510	04/11/2014	remaining	N	Y		0.16	J	**S27**
EE16B	FSI8	10.4	FSI8-10.0-10.5	10.0 - 10.5	0.4	-0.1	JB64510-13	JB64510	04/11/2014	remaining	N	Y		0.53		**S27**
EE16B	NFS-PDI-EE16B	10.9	NFS-PDI-EE16B-0.5-1.0	0.5 - 1.0	10.4	9.9	JC27210-2	JC27210	09/08/2016	removed	N	Y		1.9	J	**S14, S33**
EE16B	NFS-PDI-EE16B	10.9	NFS-PDI-EE16B-11.0-11.5	11.0 - 11.5	-0.1	-0.6	JC27210-3R	JC27210R	09/08/2016	remaining	N	Y		0.34	J	**S14**
EE16B	NFS-PDI-EE16B	10.9	NFS-PDI-EE16B-11.5-12.0	11.5 - 12.0	-0.6	-1.1	JC28302-2	JC28302	09/23/2016	remaining	N	Y		0.82	J	**S14**
EE16B	NFS-PDI-EE16B-SS	10.8	NFS-PDI-EE16B-SS-0.0-0.5	0.0 - 0.5	10.8	10.3	JC27210-4R	JC27210R	09/08/2016	remaining	N	Y		1.2		**S14, S33**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-0.5-1.0	0.5 - 1.0	11.4	10.9	JC37033-2R	JC37033R	02/10/2017	remaining	N	Y		4.5	RA	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-2.0-2.5	2.0 - 2.5	9.9	9.4	JC37033-8R	JC37033R	02/10/2017	remaining	N	Y		5.1	RA	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-4.0-4.5	4.0 - 4.5	7.9	7.4	JC37033-10	JC37033	02/10/2017	remaining	N	Y		< 0.34	RA	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-4.0-4.5X	4.0 - 4.5	7.9	7.4	JC37033-11	JC37033	02/10/2017	remaining	FD	Y		0.98	RA	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-6.0-6.5	6.0 - 6.5	5.9	5.4	JC37033-12	JC37033	02/10/2017	remaining	N	Y		< 0.38	RA	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-6.5-7.0	6.5 - 7.0	5.4	4.9	JC37033-13R	JC37033R	02/10/2017	remaining	N	Y		1.1	J	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-8.0-8.5	8.0 - 8.5	3.9	3.4	JC37033-14	JC37033	02/10/2017	remaining	N	Y		< 0.37	UJ	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-10.0-10.5	10.0 - 10.5	1.9	1.4	JC37033-3	JC37033	02/10/2017	remaining	N	Y		< 0.36	UJ	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-12.0-12.5	12.0 - 12.5	-0.1	-0.6	JC37033-4R	JC37033R	02/10/2017	remaining	N	Y		1.2	J	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-14.0-14.5	14.0 - 14.5	-2.1	-2.6	JC37033-5	JC37033	02/10/2017	remaining	N	Y		0.83	J	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-16.0-16.5	16.0 - 16.5	-4.1	-4.6	JC37033-6	JC37033	02/10/2017	remaining	N	Y		< 0.33	UJ	**S14**
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-18.0-18.5	18.0 - 18.5	-6.1	-6.6	JC37033-7	JC37033	02/10/2017	remaining	N	Y		< 0.32	UJ	**S14**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
EE17B	NFS-PDI-EE17B	11.9	NFS-PDI-EE17B-20.0-20.5	20.0 - 20.5	-8.1	-8.6	JC37033-9	JC37033	02/10/2017	remaining	N	Y		0.57	J	**S14**
FF10B	ICO-25	13.3	ICO-25-0.7	0.7 - 1.5	12.6	11.8	460-29712-12	460297121	08/08/2011	remaining	N	Y		< 0.59	U	**S34**
FF10B	ICO-25	13.3	ICO-25-2.0	2.0 - 2.5	11.3	10.8	460-29712-13	460297121	08/08/2011	remaining	N	Y		1.6	J	**S34**
FF10B	ICO-25	13.3	ICO-25-4.0	4.0 - 4.5	9.3	8.8	460-29712-14	460297121	08/08/2011	remaining	N	Y		< 0.64	U	**S34**
FF10B	ICO-25	13.3	ICO-25-6.0	6.0 - 6.5	7.3	6.8	460-29712-15	460297121	08/08/2011	remaining	N	Y		< 0.62	U	**S34**
FF10B	ICO-25	13.3	ICO-25-8.0	8.0 - 8.5	5.3	4.8	460-29712-16	460297121	08/08/2011	remaining	N	Y		1.0	J	**S34**
FF12B	FSI9	16.5	FSI9-0.4-0.9	0.4 - 0.9	16.1	15.6	JB63992-1	JB63992	04/07/2014	remaining	N	Y		0.62		**S35**
FF12B	FSI9	16.5	FSI9-1.5-2.0	1.5 - 2.0	15.0	14.5	JB63992-10	JB63992	04/07/2014	remaining	N	Y		4.7		**S35**
FF12B	FSI9	16.5	FSI9-5.0-5.5	5.0 - 5.5	11.5	11.0	JB63992-2	JB63992	04/07/2014	remaining	N	Y		1.4		**S35**
FF12B	FSI9	16.5	FSI9-7.0-7.5	7.0 - 7.5	9.5	9.0	JB63992-3	JB63992	04/07/2014	remaining	N	Y		0.52		**S35**
FF12B	FSI9	16.5	FSI9-8.0-8.5	8.0 - 8.5	8.5	8.0	JB63992-11	JB63992	04/07/2014	remaining	N	Y		0.65		**S35**
FF12B	FSI9	16.5	FSI9-10.0-10.5	10.0 - 10.5	6.5	6.0	JB63992-4	JB63992	04/07/2014	remaining	N	Y		0.46	J	**S35**
FF12B	FSI9	16.5	FSI9-12.0-12.5	12.0 - 12.5	4.5	4.0	JB63992-5	JB63992	04/07/2014	remaining	N	Y		0.42	J	**S35**
FF12B	FSI9	16.5	FSI9-14.0-14.5	14.0 - 14.5	2.5	2.0	JB63992-6	JB63992	04/07/2014	remaining	N	Y		0.25	J	**S35**
FF12B	FSI9	16.5	FSI9-14.0-14.5X	14.0 - 14.5	2.5	2.0	JB63992-7	JB63992	04/07/2014	remaining	FD	Y		0.15	J	**S35**
FF12B	FSI9	16.5	FSI9-16.0-16.5	16.0 - 16.5	0.5	0.0	JB63992-8	JB63992	04/07/2014	remaining	N	Y		0.21	J	**S35**
FF12B	FSI9	16.5	FSI9-16.5-17.0	16.5 - 17.0	0.0	-0.5	JB63992-9	JB63992	04/07/2014	remaining	N	Y		< 0.082	U	**S35**
FF12B	LD-FS10AHN	19.9	LS-FS10AHN-1.0-1.5	0.5 - 0.8	19.4	19.1	JC27227-37	JC27227	09/08/2016	remaining	N	Y		1.5	J	**S35**
FF12B	LD-FS10AHN	19.9	LS-FS10AHN-2.0-2.5	1.0 - 1.3	18.9	18.6	JC27227-38	JC27227	09/08/2016	remaining	N	Y		2.7		**S35**
FF12B	LD-FS10AHN	19.9	LS-FS10AHN-3.0-3.5	1.5 - 1.8	18.4	18.1	JC27227-39R	JC27227R	09/08/2016	remaining	N	Y		5.8		**S35**
FF12B	LD-FS10AHN	19.9	LS-FS10AHN-4.0-4.5	2.0 - 2.3	17.9	17.6	JC27227-40	JC27227	09/08/2016	remaining	N	Y		4.1		**S35**
FF12B	LD-FS10AHN	19.9	LS-FS10AHN-5.0-5.5	2.5 - 2.8	17.4	17.1	JC27227-41R	JC27227R	09/08/2016	remaining	N	Y		5.6		**S35**
FF12B	LD-FS10AHN	19.9	LS-FS10AHN-6.0-6.5	3.0 - 3.3	16.9	16.6	JC27227-42	JC27227	09/08/2016	remaining	N	Y		10.0	J	**S35**
FF12B	LD-FS10AHN	19.9	LS-FS10AHN-7.0-7.5	3.5 - 3.8	16.4	16.1	JC27227-43R	JC27227R	09/08/2016	remaining	N	Y		11.8		**S35**
FF12B	LD-FS10AHN	19.9	LS-FS10AHN-8.0-8.5	4.0 - 4.3	15.9	15.6	JC27227-44R	JC27227R	09/08/2016	remaining	N	Y		20.0		**S35**
FF13B	FSI10	20.6	FSI10-0.0-0.5	0.0 - 0.5	20.6	20.1	JB96351-6	JB96351	06/05/2015	remaining	N	Y		0.72	J	**S35**
FF13B	FSI10	20.6	FSI10-1.0-1.5	1.0 - 1.5	19.6	19.1	JB96351-7	JB96351	06/05/2015	remaining	N	Y		2.8	J	**S35**
FF13B	FSI10	20.6	FSI10-1.0-1.5X	1.0 - 1.5	19.6	19.1	JB96351-8R	JB96351R	06/05/2015	remaining	FD	Y		1.9	J	**S35**
FF13B	FSI10	20.6	FSI10-3.0-3.5	3.0 - 3.5	17.6	17.1	JB96351-9	JB96351	06/05/2015	remaining	N	Y		1.1	J	**S35**
FF13B	FSI10	20.6	FSI10-5.0-5.5	5.0 - 5.5	15.6	15.1	JB96351-10	JB96351	06/05/2015	remaining	N	Y		1.0	J	**S35**
FF13B	FSI10	20.6	FSI10-10.0-10.5	10.0 - 10.5	10.6	10.1	JB96351-11	JB96351	06/05/2015	remaining	N	Y		2.3	J	**S35**
FF13B	FSI10	20.6	FSI10-11.0-11.5	11.0 - 11.5	9.6	9.1	JB96351-12	JB96351	06/05/2015	remaining	N	Y		1.3	J	**S35**
FF13B	FSI10	20.6	FSI10-13.0-13.5	13.0 - 13.5	7.6	7.1	JB96351-13	JB96351	06/05/2015	remaining	N	Y		1.6	J	**S35**
FF13B	FSI10	20.6	FSI10-15.0-15.5	15.0 - 15.5	5.6	5.1	JB96351-14R	JB96351R	06/05/2015	remaining	N	Y		1.1	J	**S35**
FF13B	FSI10	20.6	FSI10-17.0-17.5	17.0 - 17.5	3.6	3.1	JB96351-15	JB96351	06/05/2015	remaining	N	Y		0.31	J	**S35**
FF13B	LD-FS10AVN	20.6	LD-FS10AVN-0.5-1.0	0.5 - 1.0	20.1	19.6	JC27227-15	JC27227	09/08/2016	remaining	N	Y		8.4	J	**S35**
FF13B	LD-FS10AVN	20.6	LD-FS10AVN-2.0-2.5	2.0 - 2.5	18.6	18.1	JC27227-18	JC27227	09/08/2016	remaining	N	Y		10.0	J	**S35**
FF13B	LD-FS10AVN	20.6	LD-FS10AVN-2.0-2.5X	2.0 - 2.5	18.6	18.1	JC27227-19	JC27227	09/08/2016	remaining	FD	Y		9.4	J	**S35**
FF13B	LD-FS10AVN	20.6	LD-FS10AVN-4.0-4.5	4.0 - 4.5	16.6	16.1	JC27227-20	JC27227	09/08/2016	remaining	N	Y		2.3	J	**S35**
FF13B	LD-FS10AVN	20.6	LD-FS10AVN-6.0-6.5	6.0 - 6.5	14.6	14.1	JC27227-21	JC27227	09/08/2016	remaining	N	Y		1.9	J	**S35**
FF13B	LD-FS10AVN	20.6	LD-FS10AVN-8.0-8.5	8.0 - 8.5	12.6	12.1	JC27227-22	JC27227	09/08/2016	remaining	N	Y		3.2	J	**S35**
FF13B	LD-FS10AVN	20.6	LD-FS10AVN-10.0-10.5	10.0 - 10.5	10.6	10.1	JC27227-16	JC27227	09/08/2016	remaining	N	Y		0.81	J	**S35**
FF13B	LD-FS10AVN	20.6	LD-FS10AVN-12.0-12.5	12.0 - 12.5	8.6	8.1	JC27227-17	JC27227	09/08/2016	remaining	N	Y		6.3	J	**S35**
FF14B	FSI7	10.5	FSI7-0.5-1.0	0.5 - 1.0	10.0	9.5	JB64510-1	JB64510	04/11/2014	remaining	N	Y		0.98		**S27**
FF14B	FSI7	10.5	FSI7-2.0-2.5	2.0 - 2.5	8.5	8.0	JB64510-2	JB64510	04/11/2014	remaining	N	Y		0.92		**S27**
FF14B	FSI7	10.5	FSI7-4.0-4.5	4.0 - 4.5	6.5	6.0	JB64510-3	JB64510	04/11/2014	remaining	N	Y		0.57		**S27**
FF14B	FSI7	10.5	FSI7-6.0-6.5	6.0 - 6.5	4.5	4.0	JB64510-4	JB64510	04/11/2014	remaining	N	Y		0.38	J	**S27**
FF14B	FSI7	10.5	FSI7-8.0-8.5	8.0 - 8.5	2.5	2.0	JB64510-5	JB64510	04/11/2014	remaining	N	Y		0.56		**S27**
FF14B	FSI7	10.5	FSI7-10.0-10.5	10.0 - 10.5	0.5	0.0	JB64510-6	JB64510	04/11/2014	remaining	N	Y		0.50	J	**S27**
FF14B	FSI7	10.5	FSI7-10.5-11.0	10.5 - 11.0	0.0	-0.5	JB64510-7	JB64510	04/11/2014	remaining	N	Y		0.40	J	**S27**
GG12B	LD-FS10AHS	19.5	LD-FS10AHS-1.0-1.5	0.5 - 0.8	19.0	18.8	JC27227-7	JC27227	09/08/2016	remaining	N	Y		6.2	J	**S35**
GG12B	LD-FS10AHS	19.5	LD-FS10AHS-2.5-3.0	1.3 - 1.5	18.3	18.0	JC27227-8	JC27227	09/08/2016	remaining	N	Y		11.3	J	**S35**
GG12B	LD-FS10AHS	19.5	LD-FS10AHS-3.0-3.5	1.5 - 1.8	18.0	17.8	JC27227-9	JC27227	09/08/2016	remaining	N	Y		5.1	J	**S35**
GG12B	LD-FS10AHS	19.5	LD-FS10AHS-4.0-4.5	2.0 - 2.3	17.5	17.3	JC27227-10	JC27227	09/08/2016	remaining	N	Y		4.4	J	**S35**
GG12B	LD-FS10AHS	19.5	LD-FS10AHS-5.0-5.5	2.5 - 2.8	17.0	16.8	JC27227-11	JC27227	09/08/2016	remaining	N	Y		1.7	J	**S35**
GG12B	LD-FS10AHS	19.5	LD-FS10AHS-6.0-6.5	3.0 - 3.3	16.5	16.3	JC27227-12	JC27227	09/08/2016	remaining	N	Y		3.3	J	**S35**
GG12B	LD-FS10AHS	19.5	LD-FS10AHS-7.0-7.5	3.5 - 3.8	16.0	15.8	JC27227-13	JC27227	09/08/2016	remaining	N	Y		2.1	J	**S35**
GG12B	LD-FS10AHS	19.5	LD-FS10AHS-8.0-8.5	4.0 - 4.3	15.5	15.3	JC27227-14	JC27227	09/08/2016	remaining	N	Y		1.3	J	**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-0.5-1.0	0.5 - 1.0	19.9	19.4	JC27227-23	JC27227	09/08/2016	remaining	N	Y		2.1	J	**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-0.5-1.0X	0.5 - 1.0	19.9	19.4	JC27227-24	JC27227	09/08/2016	remaining	FD	Y		1.9	J	**S35**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-2.0-2.5	2.0 - 2.5	18.4	17.9	JC27227-32R	JC27227R	09/08/2016	remaining	N	Y		4.4		**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-4.0-4.5	4.0 - 4.5	16.4	15.9	JC27227-34R	JC27227R	09/08/2016	remaining	N	Y		3.5		**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-6.0-6.5	6.0 - 6.5	14.4	13.9	JC27227-35R	JC27227R	09/08/2016	remaining	N	Y	FILL (FILL)	**25.2**		**S35, S36**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-8.0-8.5	8.0 - 8.5	12.4	11.9	JC27227-36	JC27227	09/08/2016	remaining	N	Y		11.8	J	**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-10.0-10.5	10.0 - 10.5	10.4	9.9	JC27227-25	JC27227	09/08/2016	remaining	N	Y		5.3	J	**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-12.0-12.5	12.0 - 12.5	8.4	7.9	JC27227-26	JC27227	09/08/2016	remaining	N	Y		1.7	J	**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-14.0-14.5	14.0 - 14.5	6.4	5.9	JC27227-27R	JC27227R	09/08/2016	remaining	N	Y		2.6		**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-16.0-16.5	16.0 - 16.5	4.4	3.9	JC27227-28	JC27227	09/08/2016	remaining	N	Y		0.37	J	**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-16.5-17.0	16.5 - 17.0	3.9	3.4	JC27227-29R	JC27227R	09/08/2016	remaining	N	Y		0.42	J	**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-17.0-17.5	17.0 - 17.5	3.4	2.9	JC27227-30	JC27227	09/08/2016	remaining	N	Y		< 0.33	UJ	**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-18.0-18.5	18.0 - 18.5	2.4	1.9	JC27227-31R	JC27227R	09/08/2016	remaining	N	Y		18.3		**S35**
GG12B	LD-FS10AVS	20.4	LD-FS10AVS-20.0-20.5	20.0 - 20.5	0.4	-0.1	JC27227-33	JC27227	09/08/2016	remaining	N	Y		0.50	J	**S35**
GG14B	ICO-23	10.2	ICO-23-0.3	0.3 - 0.8	9.9	9.4	460-36375-1	460363751	02/01/2012	remaining	N	Y		6.2		**S37**
GG14B	ICO-23	10.2	ICO-23-2.0	2.0 - 2.5	8.2	7.7	460-36375-2	460363751	02/01/2012	remaining	N	Y		2.8		**S37**
GG14B	ICO-23	10.2	ICO-23-4.0	4.0 - 4.5	6.2	5.7	460-36375-3	460363751	02/01/2012	remaining	N	Y		9.4		**S37**
GG14B	ICO-23	10.2	ICO-23-6.0	6.0 - 6.5	4.2	3.7	460-36375-4	460363751	02/01/2012	remaining	N	Y		1.5	J	**S37**
GG14B	ICO-23	10.2	ICO-23-8.0	8.0 - 8.5	2.2	1.7	460-36375-5	460363751	02/01/2012	remaining	N	Y		< 0.89	U	**S37**
GG14B	ICO-23	10.2	ICO-23-10.0	10.0 - 10.5	0.2	-0.3	460-36375-6	460363751	02/01/2012	remaining	N	Y		< 0.87	U	**S37**
GG14B	ICO-23	10.2	ICO-23-12.0	12.0 - 12.5	-1.8	-2.3	460-36482-1	460364821	02/02/2012	remaining	N	Y		< 0.94	U	**S37**
GG14B	ICO-23	10.2	ICO-23-12.0X	12.0 - 12.5	-1.8	-2.3	460-36482-2	460364821	02/02/2012	remaining	FD	Y		< 0.93	U	**S37**
GG15B	NFS-PDI-GG15B	12.1	NFS-PDI-GG15B-1.7-2.2	1.7 - 2.2	10.4	9.9	JC49831-7	JC49831	08/30/2017	removed	N	Y	FILL (FILL)	**21.3**	**J**	**S38**
GG15B	NFS-PDI-GG15B	12.1	NFS-PDI-GG15B-2.2-2.7	2.2 - 2.7	9.9	9.4	JC49831-8	JC49831	08/30/2017	removed	N	Y		7.6	J	**S38**
GG15B	NFS-PDI-GG15B	12.1	NFS-PDI-GG15B-2.7-3.2	2.7 - 3.2	9.4	8.9	JC49831-9	JC49831	08/30/2017	remaining	N	Y		6.9	J	**S38**
GG15B	NFS-PDI-GG15B	12.1	NFS-PDI-GG15B-3.2-3.7	3.2 - 3.7	8.9	8.4	JC49831-10	JC49831	08/30/2017	remaining	N	Y		6.3	J	**S38**
GG15B	NFS-PDI-GG15B	12.1	NFS-PDI-GG15B-3.2-3.7X	3.2 - 3.7	8.9	8.4	JC49831-11R	JC49831R	08/30/2017	remaining	FD	Y		5.0	J	**S38**
GG15B	NFS-PDI-GG16B	12.4	NFS-PDI-GG16B-2.1-2.6	2.1 - 2.6	10.3	9.8	JC49831-2R	JC49831R	08/30/2017	remaining	N	Y		15.9	J	**S37**
GG15B	NFS-PDI-GG16B	12.4	NFS-PDI-GG16B-2.6-3.1	2.6 - 3.1	9.8	9.3	JC49831-3R	JC49831R	08/30/2017	remaining	N	Y		9.8	J	**S37**
GG15B	NFS-PDI-GG16B	12.4	NFS-PDI-GG16B-3.1-3.6	3.1 - 3.6	9.3	8.8	JC49831-4R	JC49831R	08/30/2017	remaining	N	Y		18.0	J	**S37**
GG15B	NFS-PDI-GG16B	12.4	NFS-PDI-GG16B-3.6-4.1	3.6 - 4.1	8.8	8.3	JC49831-5	JC49831	08/30/2017	remaining	N	Y		3.5	J	**S37**
W12B	FSP-W12B-SW-E1	9.9	FSP-W12B-SW-E-5.5-6.0	5.5 - 6.0	4.4	3.9	JC46203-9R	JC46203	06/30/2017	remaining	N	Y		< 0.17	RA	**S2, S39**
W12B	FSP-W12B-SW-E2	9.9	FSP-W12B-SW-E-7.5-8.0	7.5 - 8.0	2.4	1.9	JC46203-8R	JC46203	06/30/2017	remaining	N	Y		0.81	RA	**S39**
W13B	FSP-W12B-SW-N2	9.9	FSP-W12B-SW-N-3.5-4.0	3.5 - 4.0	6.4	5.9	JC46203-6R	JC46203	06/30/2017	remaining	N	Y	FILL (FILL)	**28.6**	**RA**	**S39, S40**
W13B	FSP-W13B-SW-E1	13.7	FSP-W13B-SW-E-1.6-2.1	1.6 - 2.1 ft	12.1	11.6	JC45694-3	JC45694	06/22/2017	removed	N	Y		1.5	J	**S39**
W13B	FSP-W13B-SW-E2	13.7	FSP-W13B-SW-E-3.6-4.1	3.6 - 4.1 ft	10.1	9.6	JC45694-2	JC45694	06/22/2017	removed	N	Y		1.9	J	**S39**
W13B	FSP-W13B-SW-E3	13.7	FSP-W13B-SW-E-5.6-6.1	5.6 - 6.1	8.1	7.6	JC47122-2	JC47122	07/17/2017	remaining	N	Y		6.1	J	**S39**
W13B	NFS-PDI-W13B	13.7	NFS-PDI-W13B-7.0-7.5	7.0 - 7.5 ft	6.7	6.2	JC26590-10	JC26590	08/26/2016	remaining	N	Y		< 0.36	UJ	**S39**
W13B	NFS-PDI-W13B	13.7	NFS-PDI-W13B-9.0-9.5	9.0 - 9.5 ft	4.7	4.2	JC26590-11	JC26590	08/26/2016	remaining	N	Y		< 0.35	U	**S39**
W13B	NFS-PDI-W13B	13.7	NFS-PDI-W13B-11.0-11.5	11.0 - 11.5 ft	2.7	2.2	JC26590-4	JC26590	08/26/2016	remaining	N	Y		0.44	J	**S39**
W13B	NFS-PDI-W13B	13.7	NFS-PDI-W13B-11.5-12.0	11.5 - 12.0 ft	2.2	1.7	JC26590-5	JC26590	08/26/2016	remaining	N	Y		0.95		**S39**
W13B	NFS-PDI-W13B	13.7	NFS-PDI-W13B-12.0-12.5	12.0 - 12.5 ft	1.7	1.2	JC26590-6	JC26590	08/26/2016	remaining	N	Y		< 0.56	UJ	**S39**
W13B	NFS-PDI-W13B	13.7	NFS-PDI-W13B-12.5-13.0	12.5 - 13.0 ft	1.2	0.7	JC26590-7	JC26590	08/26/2016	remaining	N	Y		< 0.37	U	**S39**
W14B	FS25	18.4	FS25-10.0-10.5	10.0 - 10.5	8.4	7.9	JB97048-10	JB97048	06/15/2015	remaining	N	Y		2.0	J	**S39**
W14B	FS25	18.4	FS25-12.0-12.5	12.0 - 12.5	6.4	5.9	JB97048-11	JB97048	06/15/2015	remaining	N	Y		10.4	J	**S39**
W14B	FS25	18.4	FS25-15.0-15.5	15.0 - 15.5	3.4	2.9	JB97048-12	JB97048	06/15/2015	remaining	N	Y		6.6	J	**S39**
W14B	FS25	18.4	FS25-16.0-16.5	16.0 - 16.5	2.4	1.9	JB97142-3	JB97142	06/16/2015	remaining	N	Y		0.50	J	**S39**
W14B	FS25	18.4	FS25-16.0-16.5X	16.0 - 16.5	2.4	1.9	JB97142-4R	JB97142R	06/16/2015	remaining	FD	Y		1.5	J	**S39**
W14B	FS25	18.4	FS25-18.0-18.5	18.0 - 18.5	0.4	-0.1	JB97142-5R	JB97142R	06/16/2015	remaining	N	Y		< 0.22	UJ	**S39**
W14B	FS25	18.4	FS25-20.0-20.5	20.0 - 20.5	-1.6	-2.1	JB97048-15	JB97048	06/15/2015	remaining	N	Y		< 0.22	UJ	**S39**
W14B	FS25	18.4	FS25-22.0-22.5	22.0 - 22.5	-3.6	-4.1	JB97048-16	JB97048	06/15/2015	remaining	N	Y		< 0.21	UJ	**S39**
W14B	FS25	18.4	FS25-24.0-24.5	24.0 - 24.5	-5.6	-6.1	JB97048-17	JB97048	06/15/2015	remaining	N	Y		< 0.21	UJ	**S39**
W14B	FS25	18.4	FS25-26.0-26.5	26.0 - 26.5	-7.6	-8.1	JB97048-18	JB97048	06/15/2015	remaining	N	Y		< 0.21	UJ	**S39**
W14B	FS25	18.4	FS25-28.0-28.5	28.0 - 28.5	-9.6	-10.1	JB97048-19	JB97048	06/15/2015	remaining	N	Y		< 0.23	UJ	**S39**
W14B	FS25	18.4	FS25-30.0-30.5	30.0 - 30.5	-11.6	-12.1	JB97048-22	JB97048	06/15/2015	remaining	N	Y		< 0.23	UJ	**S39**
W14B	FS25	18.4	FS25-32.0-32.5	32.0 - 32.5	-13.6	-14.1	JB97048-23	JB97048	06/15/2015	remaining	N	Y		< 0.23	UJ	**S39**
W14B	FS25	18.4	FS25-34.0-34.5	34.0 - 34.5	-15.6	-16.1	JB97048-24	JB97048	06/15/2015	remaining	N	Y		< 0.23	UJ	**S39**
W14B	FSP-W14B-SW-E2	18.4	FSP-W14B-SW-E-7.4-7.9	7.4 - 7.9	11.0	10.5	JC45694-5R	JC45694R	06/22/2017	remaining	N	Y		3.1	J	**S39**
W14B	FSP-W14B-SW-E3	18.4	FSP-W14B-SW-E-9.4-9.9	9.4 - 9.9	9.0	8.5	JC45694-4	JC45694	06/22/2017	remaining	N	Y		13.0	J	**S39**
X12B	EF-05	10.6	EF-B05-0.5	0.5 - 1.0	10.1	9.6	460-25190-9	460251901	04/11/2011	removed	N	Y	FILL (FILL)	**20.4**		**S2, S41**
X12B	EF-05	10.6	EF-B05-2.0	2.0 - 2.5	8.6	8.1	460-25190-10	460251901	04/11/2011	remaining	N	Y		18.2		**S1**
X12B	EF-05	10.6	EF-B05-4.0	4.0 - 4.5	6.6	6.1	460-25254-9	460252541	04/12/2011	remaining	N	Y		8.4		**S1**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20			
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
X12B	EF-05	10.6	EF-B05-6.0	6.0 - 6.5	4.6	4.1	460-25301-6	460253011	04/13/2011	remaining	N	Y		0.66	J	**S1**
X12B	EF-05	10.6	EF-B05-10.0	10.0 - 10.5	0.6	0.1	460-25301-7	460253011	04/13/2011	remaining	N	Y		< 0.71	U	**S1**
X12B	EF-05	10.6	EF-B05-22.5	22.5 - 23.0	-11.9	-12.4	460-25301-10	460253011	04/13/2011	remaining	N	Y		< 0.56	U	**S1**
X12B	FS-X11B-SW-N2	10.2	FS-X11B-SW-N-3.2-3.7	3.2 - 3.7	7.0	6.5	JC46447-3R	JC46447R	07/06/2017	remaining	N	Y		1.1	RA	**S1**
X12B	NFS-PDI-X12B	10.2	NFS-PDI-X12B-8.0-8.5	8.0 - 8.5	2.2	1.7	JC26495-5	JC26495	08/25/2016	remaining	N	Y		< 0.44	UJ	**S1**
X12B	NFS-PDI-X12B	10.2	NFS-PDI-X12B-8.5-9.0	8.5 - 9.0	1.7	1.2	JC26495-6	JC26495	08/25/2016	remaining	N	Y		1.1	J	**S1**
X12B	NFS-PDI-X12B	10.2	NFS-PDI-X12B-9.0-9.5	9.0 - 9.5	1.2	0.7	JC26495-7	JC26495	08/25/2016	remaining	N	Y		2.2	J	**S1**
X12B	NFS-PDI-X12B	10.2	NFS-PDI-X12B-9.5-10.0	9.5 - 10.0	0.7	0.2	JC26495-8R	JC26495R	08/25/2016	remaining	N	Y		0.67	J	**S1**
X13B	EF-46/ICO-20	6.9	ICO-20-0.5	0.5 - 1.0	6.4	5.9	460-27297-15	460272971	06/06/2011	remaining	N	Y		< 0.66	UJ	**S44**
X13B	EF-46/ICO-20	6.9	ICO-20-2.0	2.0 - 2.5	4.9	4.4	460-27297-16	460272971	06/06/2011	remaining	N	Y		< 0.65	UJ	**S44**
X13B	EF-46/ICO-20	6.9	ICO-20-4.0	4.0 - 4.5	2.9	2.4	460-27297-17	460272971	06/06/2011	remaining	N	Y		< 0.76	UJ	**S44**
X13B	EF-46/ICO-20	6.9	ICO-20-6.0	6.0 - 6.5	0.9	0.4	460-27297-6	460272971	06/06/2011	remaining	N	Y		< 0.60	UJ	**S44**
X13B	FS18	11.6	FS18-2.0-2.5	2.0 - 2.5	9.6	9.1	JB62136-2R	JB62136R	03/17/2014	remaining	N	Y	FILL (FILL)	**48.1**		**S39, S40, S42**
X13B	FS18	11.6	FS18-4.0-4.5	4.0 - 4.5	7.6	7.1	JB62136-3R	JB62136R	03/17/2014	remaining	N	Y	FILL (FILL)	**20.2**		**S39, S40**
X13B	FS18	11.6	FS18-4.0-4.5X	4.0 - 4.5	7.6	7.1	JB62136-4R	JB62136R	03/17/2014	remaining	FD	Y	FILL (FILL)	**24.2**		**S39, S40**
X13B	FS18	11.6	FS18-6.0-6.5	6.0 - 6.5	5.6	5.1	JB62136-5R	JB62136R	03/17/2014	remaining	N	Y		6.9		**S39**
X13B	FS18	11.6	FS18-8.0-8.5	8.0 - 8.5	3.6	3.1	JB62136-6R	JB62136R	03/17/2014	remaining	N	Y		0.92		**S39**
X13B	FS18	11.6	FS18-10.0-10.5	10.0 - 10.5	1.6	1.1	JB62136-21	JB62136	03/17/2014	remaining	N	Y		6.8		**S39**
X13B	FS18	11.6	FS18-12.0-12.5	12.0 - 12.5	-0.4	-0.9	JB62136-22	JB62136	03/17/2014	remaining	N	Y		0.83		**S39**
X13B	FS18	11.6	FS18-14.0-14.5	14.0 - 14.5	-2.4	-2.9	JB62136-23	JB62136	03/17/2014	remaining	N	Y		< 0.082	U	**S39**
X13B	FS18	11.6	FS18-16.0-16.5	16.0 - 16.5	-4.4	-4.9	JB62136-8R	JB62136R	03/17/2014	remaining	N	Y		2.3		**S39**
X13B	FS18	11.6	FS18-18.0-18.5	18.0 - 18.5	-6.4	-6.9	JB62136-9R	JB62136R	03/17/2014	remaining	N	Y		1.7		**S39**
X13B	FS18	11.6	FS18-20.0-20.5	20.0 - 20.5	-8.4	-8.9	JB62136-11R	JB62136R	03/17/2014	remaining	N	Y		8.8		**S39**
X13B	FS18	11.6	FS18-22.0-22.5	22.0 - 22.5	-10.4	-10.9	JB62136-12R	JB62136R	03/17/2014	remaining	N	Y		2.0		**S39**
X13B	FS18	11.6	FS18-24.0-24.5	24.0 - 24.5	-12.4	-12.9	JB62136-24	JB62136	03/17/2014	remaining	N	Y		0.12	J	**S39**
X13B	FS18	11.6	FS18-26.0-26.5	26.0 - 26.5	-14.4	-14.9	JB62136-13R	JB62136R	03/17/2014	remaining	N	Y		1.9		**S39**
X13B	FS18	11.6	FS18-28.0-28.5	28.0 - 28.5	-16.4	-16.9	JB62136-14	JB62136	03/17/2014	remaining	N	Y		0.13	J	**S39**
X13B	FS18	11.6	FS18-30.0-30.5	30.0 - 30.5	-18.4	-18.9	JB62136-16	JB62136	03/17/2014	remaining	N	Y	SM	**63.5**		**S39, S43**
X13B	FS18	11.6	FS18-32.0-32.5	32.0 - 32.5	-20.4	-20.9	JB62136-17	JB62136	03/17/2014	remaining	N	Y		6.2		**S39**
X13B	FS18	11.6	FS18-34.0-34.5	34.0 - 34.5	-22.4	-22.9	JB62136-25	JB62136	03/17/2014	remaining	N	Y		< 0.085	U	**S39**
X13B	FS18	11.6	FS18-36.0-36.5	36.0 - 36.5	-24.4	-24.9	JB62136-18	JB62136	03/17/2014	remaining	N	Y		< 0.088	U	**S39**
X13B	FS18	11.6	FS18-38.0-38.5	38.0 - 38.5	-26.4	-26.9	JB62136-19	JB62136	03/17/2014	remaining	N	Y		< 0.090	U	**S39**
X13B	NFS-PDI-X13B	7.4	NFS-PDI-X13B-4.5-5.0	4.5 - 5.0	2.9	2.4	JC26685-19R	JC26685R	08/29/2016	remaining	N	Y		0.43	J	**S44**
X13B	NFS-PDI-X13B	7.4	NFS-PDI-X13B-5.0-5.5	5.0 - 5.5	2.4	1.9	JC26685-20R	JC26685R	08/29/2016	remaining	N	Y		1.1	J	**S44**
X13B	NFS-PDI-X13B	7.4	NFS-PDI-X13B-14.5-15.0	14.5 - 15.0	-7.1	-7.6	JC26685-17	JC26685	08/29/2016	remaining	N	Y		1.4	J	**S44**
X13B	NFS-PDI-X13B	7.4	NFS-PDI-X13B-15.0-15.5	15.0 - 15.5	-7.6	-8.1	JC26685-18R	JC26685R	08/29/2016	remaining	N	Y		2.3	J	**S44**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-2.0-2.5	2.0 - 2.5	15.5	15.0	JC26685-29R	JC26685R	08/29/2016	remaining	N	Y		2.5	J	**S39**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-4.0-4.5	4.0 - 4.5	13.5	13.0	JC26685-31	JC26685	08/29/2016	remaining	N	Y		10.6	J	**S39**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-6.0-6.5	6.0 - 6.5	11.5	11.0	JC26685-32R	JC26685R	08/29/2016	remaining	N	Y	FILL (FILL)	**25.8**	**J**	**S39, S40**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-8.0-8.5	8.0 - 8.5	9.5	9.0	JC26685-33	JC26685	08/29/2016	remaining	N	Y	FILL (FILL)	**27.5**	**J**	**S39, S40**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-10.0-10.5	10.0 - 10.5	7.5	7.0	JC26685-22R	JC26685R	08/29/2016	remaining	N	Y	FILL (FILL)	**76.6**	**J**	**S39, S40**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-12.0-12.5	12.0 - 12.5	5.5	5.0	JC26685-23	JC26685	08/29/2016	remaining	N	Y	FILL (FILL)	**36.6**	**J**	**S39, S40**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-14.0-14.5	14.0 - 14.5	3.5	3.0	JC26685-24R	JC26685R	08/29/2016	remaining	N	Y		2.6	J	**S39**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-15.0-15.5	15.0 - 15.5	2.5	2.0	JC26685-25R	JC26685R	08/29/2016	remaining	N	Y		0.41	J	**S39**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-15.5-16.0	15.5 - 16.0	2.0	1.5	JC26685-26	JC26685	08/29/2016	remaining	N	Y		1.5	J	**S39**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-16.0-16.5	16.0 - 16.5	1.5	1.0	JC26685-27	JC26685	08/29/2016	remaining	N	Y		4.3	J	**S39**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-18.0-18.5	18.0 - 18.5	-0.5	-1.0	JC26685-28	JC26685	08/29/2016	remaining	N	Y		1.3	J	**S39**
X14B	NFS-PDI-X14B	17.5	NFS-PDI-X14B-20.0-20.5	20.0 - 20.5	-2.5	-3.0	JC26685-30	JC26685	08/29/2016	remaining	N	Y		0.44	J	**S39**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-0.5-1.0	0.5 - 1.0	9.8	9.3	JC37081-2	JC37081	02/12/2017	remaining	N	Y		12.9		**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-2.0-2.5	2.0 - 2.5	8.3	7.8	JC37081-9	JC37081	02/12/2017	remaining	N	Y		< 0.34	U	**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-4.0-4.5	4.0 - 4.5	6.3	5.8	JC37081-11	JC37081	02/12/2017	remaining	N	Y		0.36	J	**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-6.0-6.5	6.0 - 6.5	4.3	3.8	JC37081-12	JC37081	02/12/2017	remaining	N	Y		0.71		**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-8.0-8.5	8.0 - 8.5	2.3	1.8	JC37081-13	JC37081	02/12/2017	remaining	N	Y		10.4		**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-10.0-10.5	10.0 - 10.5	0.3	-0.2	JC37081-3	JC37081	02/12/2017	remaining	N	Y		< 0.39	RA	**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-11.5-12.0	11.5 - 12.0	-1.2	-1.7	JC37081-4	JC37081	02/12/2017	remaining	N	Y		< 0.35	U	**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-12.0-12.5	12.0 - 12.5	-1.7	-2.2	JC37081-5	JC37081	02/12/2017	remaining	N	Y		1.2		**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-14.0-14.5	14.0 - 14.5	-3.7	-4.2	JC37081-6	JC37081	02/12/2017	remaining	N	Y		0.44	J	**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-16.0-16.5	16.0 - 16.5	-5.7	-6.2	JC37081-7	JC37081	02/12/2017	remaining	N	Y		1.7		**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-18.0-18.5	18.0 - 18.5	-7.7	-8.2	JC37081-8	JC37081	02/12/2017	remaining	N	Y		< 0.33	U	**S6**
X14B	NFS-PDI-X14BR	10.3	NFS-PDI-X14BR-20.0-20.5	20.0 - 20.5	-9.7	-10.2	JC37081-10	JC37081	02/12/2017	remaining	N	Y		1.3		**S6**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20			
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
Y11B	FS16	10.1	FS16-3.0-3.5	3.0 - 3.5	7.1	6.6	JB63591-3	JB63591	04/02/2014	remaining	N	Y		< 0.088	U	**S1**
Y11B	FS16	10.1	FS16-5.0-5.5	5.0 - 5.5	5.1	4.6	JB63591-4	JB63591	04/02/2014	remaining	N	Y		0.55	J	**S1**
Y11B	FS16	10.1	FS16-7.0-7.5	7.0 - 7.5	3.1	2.6	JB63591-5	JB63591	04/02/2014	remaining	N	Y		< 0.11	U	**S1**
Y11B	FS16	10.1	FS16-10.0-10.5	10.0 - 10.5	0.1	-0.4	JB63591-7	JB63591	04/02/2014	remaining	N	Y		1.2		**S1**
Y11B	FS16	10.1	FS16-10.0-10.5X	10.0 - 10.5	0.1	-0.4	JB63591-8	JB63591	04/02/2014	remaining	FD	Y		0.88		**S1**
Y11B	FS16	10.1	FS16-12.0-12.5	12.0 - 12.5	-1.9	-2.4	JB63591-9	JB63591	04/02/2014	remaining	N	Y		1.7		**S1**
Y11B	FS16	10.1	FS16-14.0-14.5	14.0 - 14.5	-3.9	-4.4	JB63591-10	JB63591	04/02/2014	remaining	N	Y		0.35	J	**S1**
Y11B	FS16	10.1	FS16-15.0-15.5	15.0 - 15.5	-4.9	-5.4	JB63591-11	JB63591	04/02/2014	remaining	N	Y		0.19	J	**S1**
Y11B	FS16	10.1	FS16-17.0-17.5	17.0 - 17.5	-6.9	-7.4	JB63591-12	JB63591	04/02/2014	remaining	N	Y		7.5		**S1**
Y11B	FS16	10.1	FS16-19.0-19.5	19.0 - 19.5	-8.9	-9.4	JB63591-13	JB63591	04/02/2014	remaining	N	Y		7.6		**S1**
Y11B	FS16	10.1	FS16-21.0-21.5	21.0 - 21.5	-10.9	-11.4	JB63591-15	JB63591	04/02/2014	remaining	N	Y		12.8		**S1**
Y11B	FS16	10.1	FS16-23.0-23.5	23.0 - 23.5	-12.9	-13.4	JB63591-16	JB63591	04/02/2014	remaining	N	Y	SM	**66.5**		**S1, S45**
Y11B	FS16	10.1	FS16-25.0-25.5	25.0 - 25.5	-14.9	-15.4	JB63591-17	JB63591	04/02/2014	remaining	N	Y	SM	**41.0**		**S1, S45**
Y11B	FS16	10.1	FS16-27.0-27.5	27.0 - 27.5	-16.9	-17.4	JB63591-18	JB63591	04/02/2014	remaining	N	Y	SM	**48.8**		**S1, S45**
Y11B	FS16	10.1	FS16-30.0-30.5	30.0 - 30.5	-19.9	-20.4	JB63591-21	JB63591	04/02/2014	remaining	N	Y	SM	**62.3**		**S1, S45**
Y11B	FS16	10.1	FS16-32.0-32.5	32.0 - 32.5	-21.9	-22.4	JB63591-22	JB63591	04/02/2014	remaining	N	Y	SM	**69.3**		**S1, S45**
Y11B	FS16	10.1	FS16-34.0-34.5	34.0 - 34.5	-23.9	-24.4	JB63591-23	JB63591	04/02/2014	remaining	N	Y	SM	**52.7**		**S1, S45**
Y11B	FS16	10.1	FS16-35.0-35.5	35.0 - 35.5	-24.9	-25.4	JB63591-24	JB63591	04/02/2014	remaining	N	Y	SM	**23.0**		**S1, S45**
Y11B	FS-Y10B-SW-N2	11.3	FS-Y10B-SW-N-4.5-5.0	4.5 - 5.0	6.8	6.3	JC46311-12	JC46311	07/01/2017	remaining	N	Y		< 0.49	UJ	**S1**
Y11B	FS-Y11B-PB	10.1	FS-Y11B-PB-2.1-2.6	2.1 - 2.6	8.0	7.5	JC46311-14	JC46311	07/01/2017	remaining	N	Y		3.8	J	**S1, S2**
Y11B	FS-Z11B-SW-W2	9.9	FS-Z11B-SW-W-3.0-3.5	3.0 - 3.5	6.9	6.4	JC46311-9	JC46311	07/01/2017	remaining	N	Y	FILL (FILL)	**32.3**	**J**	**S1, S13**
Y11B	P4-FOR-Y11BR	10.4	P4-FOR-Y11BR-20.0-20.5	20.0 - 20.5	-9.6	-10.1	JC29975-17	JC29975	10/19/2016	remaining	N	Y	SP	**20.4**	**J**	**S1, S46**
Y12B	P4-FOR-Y12B	10.5	P4-FOR-Y12B-0.5-1.0	0.5 - 1.0	9.9	9.4	JC22855-17R	JC22855R	06/23/2016	remaining	N	Y	FILL (FILL)	**36.3**	**J**	**S44, S47**
Y12B	P4-FOR-Y12B	10.5	P4-FOR-Y12B-2.0-2.5	2.0 - 2.5	8.4	7.9	JC22855-18	JC22855	06/23/2016	remaining	N	Y		10.4	J	**S44**
Y12B	P4-FOR-Y12B	10.5	P4-FOR-Y12B-4.0-4.5	4.0 - 4.5	6.4	5.9	JC22855-19R	JC22855R	06/23/2016	remaining	N	Y		19.2	J	**S44**
Y12B	P4-FOR-Y12B	10.5	P4-FOR-Y12B-6.0-6.5	6.0 - 6.5	4.4	3.9	JC22855-20	JC22855	06/23/2016	remaining	N	Y		< 0.35	UJ	**S44**
Y12B	P4-FOR-Y12B	10.5	P4-FOR-Y12B-6.5-7.0	6.5 - 7.0	3.9	3.4	JC22855-21R	JC22855R	06/23/2016	remaining	N	Y		10.4	J	**S44**
Y12B	P4-FOR-Y12B	10.5	P4-FOR-Y12B-7.0-7.5	7.0 - 7.5	3.4	2.9	JC22855-22	JC22855	06/23/2016	remaining	N	Y		1.0	J	**S44**
Y12B	P4-FOR-Y12BR	10.5	P4-FOR-Y12BR-0.5-1.0	0.5 - 1.0	9.9	9.4	JC23104-12	JC23104	06/28/2016	remaining	N	Y		14.2		**S44**
Y12B	P4-FOR-Y12BR2	10.4	P4-FOR-Y12BR2-9.0-9.5	9.0 - 9.5	1.4	0.9	JC30142-16	JC30142	10/20/2016	remaining	N	Y		2.4	J	**S1**
Y12B	P4-FOR-Y12BR2	10.4	P4-FOR-Y12BR2-11.0-11.5	11.0 - 11.5	-0.6	-1.1	JC30142-10	JC30142	10/20/2016	remaining	N	Y		0.69	J	**S1**
Y12B	P4-FOR-Y12BR2	10.4	P4-FOR-Y12BR2-13.0-13.5	13.0 - 13.5	-2.6	-3.1	JC30142-11	JC30142	10/20/2016	remaining	N	Y		2.2	J	**S1**
Y12B	P4-FOR-Y12BR2	10.4	P4-FOR-Y12BR2-15.0-15.5	15.0 - 15.5	-4.6	-5.1	JC30142-12	JC30142	10/20/2016	remaining	N	Y		7.2	J	**S1**
Y12B	P4-FOR-Y12BR2	10.4	P4-FOR-Y12BR2-17.0-17.5	17.0 - 17.5	-6.6	-7.1	JC30142-13	JC30142	10/20/2016	remaining	N	Y		6.6	J	**S1**
Y12B	P4-FOR-Y12BR2	10.4	P4-FOR-Y12BR2-19.0-19.5	19.0 - 19.5	-8.6	-9.1	JC30142-14	JC30142	10/20/2016	remaining	N	Y		5.5	J	**S1**
Y12B	P4-FOR-Y12BR2	10.4	P4-FOR-Y12BR2-20.0-20.5	20.0 - 20.5	-9.6	-10.1	JC30142-15	JC30142	10/20/2016	remaining	N	Y		5.2	J	**S1**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-1.0-1.5	1.0 - 1.5	8.9	8.4	JC26590-12	JC26590	08/26/2016	remaining	N	Y		< 0.32	U	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-1.0-1.5X	1.0 - 1.5	8.9	8.4	JC26590-13	JC26590	08/26/2016	remaining	FD	Y		< 0.32	U	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-2.0-2.5	2.0 - 2.5	7.9	7.4	JC26590-19	JC26590	08/26/2016	remaining	N	Y		12.2	J	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-4.0-4.5	4.0 - 4.5	5.9	5.4	JC26590-21	JC26590	08/26/2016	remaining	N	Y		< 0.35	UJ	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-6.0-6.5	6.0 - 6.5	3.9	3.4	JC26590-22	JC26590	08/26/2016	remaining	N	Y		1.9	J	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-8.0-8.5	8.0 - 8.5	1.9	1.4	JC26590-23	JC26590	08/26/2016	remaining	N	Y		1.7	J	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-8.5-9.0	8.5 - 9.0	1.4	0.9	JC26590-24	JC26590	08/26/2016	remaining	N	Y		< 0.35	U	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-10.0-10.5	10.0 - 10.5	-0.1	-0.6	JC26590-14	JC26590	08/26/2016	remaining	N	Y		< 0.34	U	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-12.0-12.5	12.0 - 12.5	-2.1	-2.6	JC26590-15R	JC26590R	08/26/2016	remaining	N	Y		0.95	J	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-14.0-14.5	14.0 - 14.5	-4.1	-4.6	JC26590-16	JC26590	08/26/2016	remaining	N	Y		1.4	J	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-16.0-16.5	16.0 - 16.5	-6.1	-6.6	JC26590-17R	JC26590R	08/26/2016	remaining	N	Y		0.59	J	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-18.0-18.5	18.0 - 18.5	-8.1	-8.6	JC26590-18R	JC26590R	08/26/2016	remaining	N	Y		1.1	J	**S44**
Y13B	NFS-PDI-Y13B	9.9	NFS-PDI-Y13B-20.0-20.5	20.0 - 20.5	-10.1	-10.6	JC26590-20	JC26590	08/26/2016	remaining	N	Y		1.4	J	**S44**
Y14B	FS19	10.2	FS-B19-0.5-1.0	0.5 - 1.0	9.7	9.2	JB48426-2	JB48426	09/25/2013	remaining	N	Y		5.0	J	**S6**
Y14B	FS19	10.2	FS-B19-1.5-2.0	1.5 - 2.0	8.7	8.2	JB48426-3R	JB48426R	09/25/2013	remaining	N	Y		0.65	J	**S6**
Y14B	FS19	10.2	FS-B19-3.5-4.0	3.5 - 4.0	6.7	6.2	JB48426-4R	JB48426R	09/25/2013	remaining	N	Y		0.26	J	**S6**
Y14B	FS19	10.2	FS-B19-3.5-4.0X	3.5 - 4.0	6.7	6.2	JB48426-5R	JB48426R	09/25/2013	remaining	FD	Y		0.29	J	**S6**
Y14B	FS19	10.2	FS-B19-5.5-6.0	5.5 - 6.0	4.7	4.2	JB48426-6R	JB48426R	09/25/2013	remaining	N	Y		0.43	J	**S6**
Y14B	FS19	10.2	FS-B19-7.5-8.0	7.5 - 8.0	2.7	2.2	JB48426-7R	JB48426R	09/25/2013	remaining	N	Y		0.66	J	**S6**
Y14B	FS19	10.2	FS-B19-9.5-10.0	9.5 - 10.0	0.7	0.2	JB48426-8R	JB48426R	09/25/2013	remaining	N	Y		0.72	J	**S6**
Y14B	FS19	10.2	FS-B19-11.5-12.0	11.5 - 12.0	-1.3	-1.8	JB48426-9R	JB48426R	09/25/2013	remaining	N	Y		0.73	J	**S6**
Y14B	FS19	10.2	FS-B19-12.8-13.3	12.8 - 13.3	-2.6	-3.1	JB48426-10R	JB48426R	09/25/2013	remaining	N	Y		0.91	J	**S6**
Y14B	FS19	10.2	FS-B19-13.3-13.8	13.3 - 13.8	-3.1	-3.6	JB48426-11R	JB48426R	09/25/2013	remaining	N	Y		0.29	J	**S6**
Z11B	FS-Z11B-SW-N2	9.9	FS-Z11B-SW-N-3.0-3.5	3.0 - 3.5	6.9	6.4	JC46311-7R	JC46311	07/01/2017	remaining	N	Y		2.1	J	**S1, S2**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

													Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
Z11B	P4-FOR-Z11B	10.0	P4-FOR-Z11B-4.0-4.5	4.0 - 4.5	6.0	5.5	JC22461-20	JC22461	06/17/2016	remaining	N	Y	FILL (FILL)	**25.5**	**J**	**S1, S13**
Z11B	P4-FOR-Z11B	10.0	P4-FOR-Z11B-6.0-6.5	6.0 - 6.5	4.0	3.5	JC22461-21	JC22461	06/17/2016	remaining	N	Y		< 0.42	UJ	**S1**
Z11B	P4-FOR-Z11B	10.0	P4-FOR-Z11B-6.5-7.0	6.5 - 7.0	3.5	3.0	JC22461-22T	JC22461T	06/17/2016	remaining	N	Y		0.67	J	**S1**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-2.0-2.5	2.0 - 2.5	11.6	11.1	JC37033-20	JC37033	02/10/2017	remaining	N	Y		4.4	RA	**S6**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-4.0-4.5	4.0 - 4.5	9.6	9.1	JC37033-22	JC37033	02/10/2017	remaining	N	Y		5.0	RA	**S6, S48**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-6.0-6.5	6.0 - 6.5	7.6	7.1	JC37033-23R	JC37033R	02/10/2017	remaining	N	Y		2.0	RA	**S6, S48**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-8.0-8.5	8.0 - 8.5	5.6	5.1	JC37033-24	JC37033	02/10/2017	remaining	N	Y		1.1	RA	**S6, S48**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-8.5-9.0	8.5 - 9.0	5.1	4.6	JC37033-25	JC37033	02/10/2017	remaining	N	Y		< 0.37	RA	**S6, S48**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-9.0-9.5	9.0 - 9.5	4.6	4.1	JC37033-26	JC37033	02/10/2017	remaining	N	Y		0.40	J	**S6**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-10.0-10.5	10.0 - 10.5	3.6	3.1	JC37033-15R	JC37033R	02/10/2017	remaining	N	Y		0.17	J	**S6**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-12.0-12.5	12.0 - 12.5	1.6	1.1	JC37033-16R	JC37033R	02/10/2017	remaining	N	Y		< 0.13	RA	**S6**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-14.0-14.5	14.0 - 14.5	-0.4	-0.9	JC37033-17R	JC37033R	02/10/2017	remaining	N	Y		0.72	RA	**S6**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-16.0-16.5	16.0 - 16.5	-2.4	-2.9	JC37033-18R	JC37033R	02/10/2017	remaining	N	Y		0.17	RA	**S6**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-18.0-18.5	18.0 - 18.5	-4.4	-4.9	JC37033-19	JC37033	02/10/2017	remaining	N	Y		0.50	RA	**S6**
Z12B	NFS-PDI-Z12B	13.6	NFS-PDI-Z12B-20.0-20.5	20.0 - 20.5	-6.4	-6.9	JC37033-21R	JC37033R	02/10/2017	remaining	N	Y		1.1	RA	**S6**
Z12B	P4-FOR-Z12B	9.7	P4-FOR-Z12B-1.0-1.5	1.0 - 1.5	8.7	8.2	JC22558-11	JC22558	06/20/2016	remaining	N	Y		0.39	J	**S1, S48**
Z12B	P4-FOR-Z12B	9.7	P4-FOR-Z12B-3.0-3.5	3.0 - 3.5	6.7	6.2	JC22558-12R	JC22558R	06/20/2016	remaining	N	Y	FILL (FILL)	**28.9**	**J**	**S1, S13, S48**
Z12B	P4-FOR-Z12B	9.7	P4-FOR-Z12B-3.0-3.5X	3.0 - 3.5	6.7	6.2	JC22558-13	JC22558	06/20/2016	remaining	FD	Y		17.2	J	**S1, S48**
Z12B	P4-FOR-Z12B	9.7	P4-FOR-Z12B-6.0-6.5	6.0 - 6.5	3.7	3.2	JC22558-14	JC22558	06/20/2016	remaining	N	Y		1.2	J	**S1**
Z12B	P4-FOR-Z12B	9.7	P4-FOR-Z12B-6.5-7.0	6.5 - 7.0	3.2	2.7	JC22558-15R	JC22558R	06/20/2016	remaining	N	Y		0.42	J	**S1**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-4.0-4.5	4.0 - 4.5	5.8	5.3	JC30142-30	JC30142	10/20/2016	remaining	N	Y		0.46	J	**S6, S48**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-8.0-8.5	8.0 - 8.5	1.8	1.3	JC30142-31	JC30142	10/20/2016	remaining	N	Y		< 0.42	UJ	**S1**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-10.0-10.5	10.0 - 10.5	-0.2	-0.7	JC30142-23	JC30142	10/20/2016	remaining	N	Y		1.0	J	**S1**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-12.0-12.5	12.0 - 12.5	-2.2	-2.7	JC30142-24	JC30142	10/20/2016	remaining	N	Y		0.60	J	**S1**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-14.0-14.5	14.0 - 14.5	-4.2	-4.7	JC30142-25	JC30142	10/20/2016	remaining	N	Y		0.36	J	**S1**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-16.0-16.5	16.0 - 16.5	-6.2	-6.7	JC30142-26	JC30142	10/20/2016	remaining	N	Y		4.2	J	**S1**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-18.0-18.5	18.0 - 18.5	-8.2	-8.7	JC30142-27	JC30142	10/20/2016	remaining	N	Y		5.6	J	**S1**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-20.0-20.5	20.0 - 20.5	-10.2	-10.7	JC30142-28	JC30142	10/20/2016	remaining	N	Y		7.8	J	**S1**
Z12B	P4-FOR-Z12BR	9.8	P4-FOR-Z12BR-20.0-20.5X	20.0 - 20.5	-10.2	-10.7	JC30142-29	JC30142	10/20/2016	remaining	FD	Y		12.9	J	**S1**
Z13B	EF-113	10.6	EF-B113-0.5-1.0	0.5 - 1.0	10.1	9.6	JB16587-1	JB16587	09/17/2012	remaining	N	Y		0.19	J	**S6**
Z13B	EF-113	10.6	EF-B113-1.0-1.5	1.0 - 1.5	9.6	9.1	JB16587-2	JB16587	09/17/2012	remaining	N	Y		0.30	J	**S6**
Z13B	EF-113	10.6	EF-B113-2.0-2.5	2.0 - 2.5	8.6	8.1	JB16587-3	JB16587	09/17/2012	remaining	N	Y		0.25	J	**S6**
Z13B	EF-113	10.6	EF-B113-2.0-2.5X	2.0 - 2.5	8.6	8.1	JB16587-4	JB16587	09/17/2012	remaining	FD	Y		0.56		**S6**
Z13B	EF-113	10.6	EF-B113-22.2-22.7	22.2 - 22.7	-11.6	-12.1	JB16587-5	JB16587	09/17/2012	remaining	N	Y	UNDno (GP)	**217**		**S6, S49**
Z13B	EF-113	10.6	EF-B113-25.0-25.5	25.0 - 25.5	-14.4	-14.9	JB16587-6	JB16587	09/17/2012	remaining	N	Y	UNDno (SP-SM)	**105**		**S6, S49**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-4.0-4.5	4.0 - 4.5	6.6	6.1	JC27483-22	JC27483	09/13/2016	remaining	N	Y		0.69		**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-6.0-6.5	6.0 - 6.5	4.6	4.1	JC27483-23	JC27483	09/13/2016	remaining	N	Y		0.54		**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-8.0-8.5	8.0 - 8.5	2.6	2.1	JC27483-24	JC27483	09/13/2016	remaining	N	Y		0.53		**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-10.0-10.5	10.0 - 10.5	0.6	0.1	JC27483-14	JC27483	09/13/2016	remaining	N	Y		< 0.35	U	**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-10.5-11.0	10.5 - 11.0	0.1	-0.4	JC27483-15	JC27483	09/13/2016	remaining	N	Y		0.69		**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-11.0-11.5	11.0 - 11.5	-0.4	-0.9	JC27483-16	JC27483	09/13/2016	remaining	N	Y		0.38	J	**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-12.0-12.5	12.0 - 12.5	-1.4	-1.9	JC27483-17	JC27483	09/13/2016	remaining	N	Y		0.61		**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-14.0-14.5	14.0 - 14.5	-3.4	-3.9	JC27483-18	JC27483	09/13/2016	remaining	N	Y		0.42	J	**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-16.0-16.5	16.0 - 16.5	-5.4	-5.9	JC27483-19	JC27483	09/13/2016	remaining	N	Y		< 0.33	U	**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-18.0-18.5	18.0 - 18.5	-7.4	-7.9	JC27483-20	JC27483	09/13/2016	remaining	N	Y		0.35	J	**S6**
Z13B	NFS-PDI-Z13B	10.6	NFS-PDI-Z13B-20.0-20.5	20.0 - 20.5	-9.4	-9.9	JC27483-21	JC27483	09/13/2016	remaining	N	Y		0.71		**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-1.0-1.5	1.0 - 1.5	9.5	9.0	JC37081-14	JC37081	02/12/2017	remaining	N	Y		< 0.34	U	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-3.0-3.5	3.0 - 3.5	7.5	7.0	JC37081-21R	JC37081R	02/12/2017	remaining	N	Y		< 0.12	RA	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-5.0-5.5	5.0 - 5.5	5.5	5.0	JC37081-22	JC37081	02/12/2017	remaining	N	Y		0.41	RA	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-6.5-7.0	6.5 - 7.0	4.0	3.5	JC37081-23	JC37081	02/12/2017	remaining	N	Y		0.42	RA	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-7.0-7.5	7.0 - 7.5	3.5	3.0	JC37081-24R	JC37081R	02/12/2017	remaining	N	Y		2.8	RA	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-8.0-8.5	8.0 - 8.5	2.5	2.0	JC37081-25R	JC37081R	02/12/2017	remaining	N	Y		< 0.15	RA	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-8.0-8.5X	8.0 - 8.5	2.5	2.0	JC37081-26R	JC37081R	02/12/2017	remaining	FD	Y		< 0.14	RA	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-10.0-10.5	10.0 - 10.5	0.5	0.0	JC37081-15	JC37081	02/12/2017	remaining	N	Y		< 0.36	U	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-12.0-12.5	12.0 - 12.5	-1.5	-2.0	JC37081-16	JC37081	02/12/2017	remaining	N	Y		< 0.36	U	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-14.0-14.5	14.0 - 14.5	-3.5	-4.0	JC37081-17	JC37081	02/12/2017	remaining	N	Y		< 0.34	U	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-16.0-16.5	16.0 - 16.5	-5.5	-6.0	JC37081-18	JC37081	02/12/2017	remaining	N	Y		0.81		**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-18.0-18.5	18.0 - 18.5	-7.5	-8.0	JC37081-19R	JC37081R	02/12/2017	remaining	N	Y		0.44	J	**S6**
Z14B	NFS-PDI-Z14B	10.5	NFS-PDI-Z14B-20.0-20.5	20.0 - 20.5	-9.5	-10.0	JC37081-20R	JC37081R	02/12/2017	remaining	N	Y		2.5		**S6**
Z15B	FS20	10.4	FS-B20-0.5-1.0	0.5 - 1.0	9.9	9.4	JB48426-13	JB48426	09/25/2013	remaining	N	Y		6.0	J	**S6**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

														Analyte CAS RN Units CrSCC	CHROMIUM (HEXAVALENT) 18540-29-9 mg/kg 20		
Grid ID (G1)	Location ID (G2)	Location Elevation (ft NAVD88) (G3, G4)	Sample ID (G5)	Depth Interval (ft bgs) (G6)	Sample Start Elevation (ft NAVD88) (G4, G7)	Sample End Elevation (ft NAVD88) (G4, G8)	Lab ID (G9)	Lab SDG (G9)	Date Collected (G10)	Sample Status (G11, G12)	Sample Type (G13)	Validated (Y/N) (G14)	Matrix (G15)	Result (G16, G17)	Qualifier (G18, G19)	Specific Notes
Z15B	FS20	10.4	FS-B20-1.5-2.0	1.5 - 2.0	8.9	8.4	JB48426-14	JB48426	09/25/2013	remaining	N	Y		14.6	J	**S6**
Z15B	FS20	10.4	FS-B20-3.5-4.0	3.5 - 4.0	6.9	6.4	JB48426-15R	JB48426R	09/25/2013	remaining	N	Y		0.84	J	**S6**
Z15B	FS20	10.4	FS-B20-5.5-6.0	5.5 - 6.0	4.9	4.4	JB48426-16R	JB48426R	09/25/2013	remaining	N	Y		0.27	J	**S6**
Z15B	FS20	10.4	FS-B20-7.5-8.0	7.5 - 8.0	2.9	2.4	JB48426-17R	JB48426R	09/25/2013	remaining	N	Y		0.75	J	**S6**
Z15B	FS20	10.4	FS-B20-9.5-10.0	9.5 - 10.0	0.9	0.4	JB48426-18	JB48426	09/25/2013	remaining	N	Y		0.17	J	**S6**
Z15B	FS20	10.4	FS-B20-10.0-10.5	10.0 - 10.5	0.4	-0.1	JB48426-19R	JB48426R	09/25/2013	remaining	N	Y		0.96	J	**S6**
Z15B	NFS-PDI-Z15B	10.5	NFS-PDI-Z15B-5.5-6.0	5.5 - 6.0	5.0	4.5	JC37081-32	JC37081	02/12/2017	remaining	N	Y		1.4	RA	**S6**
Z15B	NFS-PDI-Z15B	10.5	NFS-PDI-Z15B-6.0-6.5	6.0 - 6.5	4.5	4.0	JC37081-33R	JC37081R	02/12/2017	remaining	N	Y		0.16	RA	**S6**
Z15B	NFS-PDI-Z15B	10.5	NFS-PDI-Z15B-12.0-12.5	12.0 - 12.5	-1.5	-2.0	JC37081-27R	JC37081R	02/12/2017	remaining	N	Y		0.75	RA	**S6**
Z15B	NFS-PDI-Z15B	10.5	NFS-PDI-Z15B-14.0-14.5	14.0 - 14.5	-3.5	-4.0	JC37081-28R	JC37081R	02/12/2017	remaining	N	Y		0.67		**S6**
Z15B	NFS-PDI-Z15B	10.5	NFS-PDI-Z15B-16.0-16.5	16.0 - 16.5	-5.5	-6.0	JC37081-29	JC37081	02/12/2017	remaining	N	Y		0.37	J	**S6**
Z15B	NFS-PDI-Z15B	10.5	NFS-PDI-Z15B-18.0-18.5	18.0 - 18.5	-7.5	-8.0	JC37081-30R	JC37081R	02/12/2017	remaining	N	Y		0.50		**S6**
Z15B	NFS-PDI-Z15B	10.5	NFS-PDI-Z15B-20.0-20.5	20.0 - 20.5	-9.5	-10.0	JC37081-31R	JC37081R	02/12/2017	remaining	N	Y		0.58		**S6**

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

ABBREVIATIONS:
bgs - below ground surface
CAS RN - Chemical Abstracts Service Registry Number
CCPW - Chromate Chemical Production Waste
Cr^{+6} - hexavalent chromium
COPR - Chromite Ore Processing Residue
CrSCC - Chromium Soil Cleanup Criteria
DGA - dense-graded aggregate
FD - field duplicate sample type
Forrest TEE Submittal - March 2017 *Forrest Street and Forrest Street Properties – Proposed Terminal Excavation Elevations Submittal (Revision 1)* (AECOM), as accepted by NJDEP on May 25, 2017
ft - feet
GCCM - geosynthetic cementitious composite mat
HDPE - high-density polyethylene
mg/kg - milligrams per kilogram
N - normal sample type
NAVD88 - North American Vertical Datum of 1988
RAR - Remedial Action Report
SDG - sample delivery group
TEE - Terminal Excavation Elevation

MATRICES:
FILL - fill
UND - undisturbed native deposit
UNDno - non-organic undisturbed native deposit

USCS Classifications:
GM - silty gravel
GP - poorly-graded gravel
ML - silt
SM - silty sand
SP - poorly-graded sand
SW - well-graded sand

QUALIFIERS:
J - The result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.
J- - The analyte was positively identified; the associated numerical value is an estimated quantity with a potential low bias.
RA - The result was rejected due to deficiencies but is considered usable for decision-making purposes.
U - The analyte was not detected above the sample reporting limit shown.
UJ - The analyte was not detected above the sample reporting limit shown and the reporting limit was approximate.

GENERAL NOTES:
G1. “Grid ID” refers to an area, typically 30 ft by 30 ft, identified as Grid Row W through HH (extending west to east) and Grid Column 10B through 17B (extending from south to north).
G2. “Location ID” refers to the location name where samples were collected.
G3. “Location Elevation” refers to the pre-remediation surface elevation for samples collected from the pit bottom, and the surface elevation of the sample location when the sample was collected via boring or test pit.
G4. Elevation vertical datum is NAVD88, in U.S. survey ft.
G5. “Sample ID” refers to the name of a sample collected at a given location and is unique to the depth of the sample collected. The depth listed in the Sample ID may not necessarily correspond to the actual sample depth interval due to corrections made as a result of post-field work review of surveyed surface elevations and/or boring logs. In some cases, the “Sample ID” in the table is a variant of the sample ID in the laboratory report and/or data validation report. In these cases, the “Lab ID” associates the sample results to the laboratory report and/or data validation report.
G6. “Depth Interval” is based on the “Location Elevation.”
G7. “Sample Start Elevation” refers to the start of the sample interval. There may be up to 0.1 ft variation between the listed Sample Start Elevation and the elevation calculated using the Location Elevation and Depth Interval due to rounding of the numbers.
G8. “Sample End Elevation” refers to the end of the sample interval. There may be up to 0.1 ft variation between the listed Sample End Elevation and the elevation calculated using the Location Elevation and Depth Interval due to rounding of the numbers.
G9. “Lab ID” refers to the identification number assigned to the sample by the analytical laboratory performing the sample analysis. “Lab SDG” refers to the delivery group number assigned to the sample by the analytical laboratory.
G10. “Date Collected” refers to the date the soil sample was collected.
G11. “Sample Status” indicates whether a sample is remaining or removed:
- “Remaining” indicates the soil in that interval is outside the excavation footprint, and remains in-place at that location; and
- “Removed” indicates the sample was removed during excavation.
G12. The 1-ft post-excavation contours representing the as-built terminal excavation elevations are provided on Figure 4-1 through Figure 4-9.
G13. “Sample Type” indicates whether the sample type is normal (N) or a field duplicate (FD).
G14. “Y” indicates that a sample underwent data validation and “N” indicates that data validation was not conducted.
G15. For samples with Cr^{+6} CrSCC exceedances, the USCS Classification is provided. Where the sample was collected above 20 ft bgs, the matrix (e.g., MM, UND, UNDno, UNDorg, or FILL) is also specified. In the event that a post-excavation sample supersedes a sample with Cr^{+6} CrSCC exceedances, the USCS Classification and matrix, if applicable, for the post-excavation sample is also provided. Matrices for samples that have Cr^{+6} CrSCC exceedances as a result of contact with historically-impacted groundwater (as described in the Specific Notes below) are not provided.
G16. “Result” refers to the analytical result which is reported in mg/kg.

G17. Bold text indicates that the result exceeds the CrSCC. Non-bold text indicates that the result does not exceed the CrSCC.
G18. "Qualifier" refers to the data qualifier assigned by the data validation team reviewing the data from the laboratory for validated data. For unvalidated data, it refers to the qualifier assigned by the laboratory.
G19. Non-detect results are shown on this table using the Method Detection Limit, if available; otherwise they are shown at the Reporting Limit.
G20. As described in the Forrest TEE Submittal, CCPW impacts in deeper soil within Forrest Street and Forrest Street Properties are attributed to historically-impacted groundwater, which had migrated from Site 114. The groundwater elevation was conservatively estimated during the remedial design phase to be El. 5.0 ft, based on groundwater elevation measurements recorded between September and December 2015 in Forrest Street and Forrest Street Properties. Following completion of the remedial design, historical groundwater data was reevaluated and the groundwater elevation was estimated as the 50th percentile groundwater elevation from seven monitoring wells located on or adjacent to Forrest Street and ten monitoring wells on or adjacent to Forrest Street Properties gauged between December 2003 and December 2016. The monitoring well locations and data are included in Appendix D. The estimated groundwater elevation for Forrest Street is El. 6.3 ft NAVD88 and the estimated groundwater elevation for Forrest Street Properties is El. 6.1 ft NAVD88. Cr^{+6} CrSCC exceedances which are attributed to historically impacted groundwater will be addressed through implementation of the groundwater remedy for the Garfield Avenue Group Sites.

SPECIFIC NOTES:
S1. This sample is remaining in place within the Forrest Street Utility Offset.

S2. In Grids AA11B, W12B, X12B, Y11B, and Z11B, a COPR seam was observed in the sidewall of the excavation from approximately 0.8 to 2.0 ft bgs (El. 9.6 to 8.2 ft NAVD88). This COPR seam was removed during restoration activities; however, residual COPR may remain in place. For the current-use remediation, remaining CCPW is being addressed via engineering controls (HDPE Liner or HDPE Liner Overlain with DGA and Either an Asphalt Cap or GCCM on Forrest Street Properties and HDPE Liner on Forrest Street) and institutional controls (deed notice for Forrest Street Properties and notice in lieu of deed notice for Forrest Street). For the future residential-use remediation, remaining CCPW will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S3. In Grid AA11B, CCPW was observed in boring EF-06 from El. 9.8 to 5.3 ft NAVD88 and remains in place from El. 8.3 to 5.3 ft NAVD88. For the current-use remediation, remaining CCPW is being addressed via engineering controls (HDPE Liner) and institutional controls (notice in lieu of deed notice). For the future residential-use remediation, remaining CCPW will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S4. In Grid AA11B, Cr^{+6} results for samples EF-B06-12.0 (El. -1.7 to -2.2 ft NAVD88), EF-B06-17.0 (El. -6.7 to -7.2 ft NAVD88), FS2-8.0-8.5 (El. 2.0 to 1.5 ft NAVD88), FS2-10.0-10.5 (El. 0.0 to -0.5 ft NAVD88), FS2-12.0-12.5 (El. -2.0 to -2.5 ft NAVD88), P4-FOR-AA11BR-7.0-7.5 (El. 3.3 to 2.8 ft NAVD88), P4-FOR-AA12B-6.0-6.5 (El. 3.8 to 3.3 ft NAVD88), P4-FOR-AA12B-6.5-7.0 (El. 3.3 to 2.8 ft NAVD88), P4-FOR-AA12BR-12.0-12.5 (El. -2.3 to -2.8 ft NAVD88), and P4-FOR-AA12BR-14.0-14.5 (El. -4.3 to -4.8 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Forrest TEE Submittal because: 1) these samples are not commingled with CCPW; 2) these samples were collected in saturated soils below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples (EF-B06-6.0 [El. 4.3 to 3.8 ft NAVD88], P4-FOR-AA12B-2.0-2.5 [El. 7.8 to 7.3 ft NAVD88], and P4-FOR-AA12B-4.0-4.5 [El. 5.8 to 5.3 ft NAVD88]) were collected above these samples in Grid AA11B; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S5. In Grid AA11B, the Cr^{+6} results for samples EF-B06-22.0, FS2-20.0-20.5, FS2-22.0-22.5, FS2-24.0-24.5, FS2-26.0-26.5, and FS2-28.0-28.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the samples are in UND; 2) UND is not commingled with CCPW; 3) the samples are deeper than 20 ft below pre-remediation surface elevation; 4) the samples are not coarse grained (SM); and 5) Cr^{+6} is less than 1,000 mg/kg.

S6. This sample is remaining in place within the 98/100 Forrest Street Building Footprint.

S7. In Grid AA12B, the Cr^{+6} result for samples NFS-PDI-BB12B-8.0-8.5 and its field duplicate NFS-PDI-BB12B-8.0-8.5X (El. 3.3 to 2.8 ft NAVD88), NFS-PDI-BB12B-12.0-12.5 (El. -0.7 to -1.2 ft NAVD88), NFS-PDI-BB12B-14.0-14.5 (El. -2.7 to -3.2 ft NAVD88), and NFS-PDI-BB12B-18.0-18.5 (El. -6.7 to -7.2 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) these samples were collected in UND, 2) a shallower clean sample (NFS-PDI-BB12B-7.5-8.0 [El. 3.8 to 3.3 ft NAVD88]), was also collected in UND above these samples in this grid. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S8. In Grid AA13B, the Cr^{+6} result for sample EF-B73-17.5 (El. -8.0 to -8.5 ft NAVD88) is greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) this sample was collected in UND and 2) shallower clean samples (EF-73A-10.0-10.5 and its field duplicate EF-73A-10.0-10.5X [El. -0.5 to -1.0 ft NAVD88], EF-73A-12.0-12.5 [El. -2.5 to -3.0 ft NAVD88], EF-73A-14.0-14.5 [El. -4.5 to -5.0 ft NAVD88], EF-73A-16.0-16.5 [El. -6.5 to -7.0 ft NAVD88], EF-B73-12.5 [El. -3.0 to -3.5 ft NAVD88], NFS-PDI-AA13B-10.0-10.5 [El. 0.5 to 0.0 ft NAVD88], NFS-PDI-AA13B-12.0-12.5 [El. -1.5 to -2.0 ft NAVD88], NFS-PDI-AA13B-14.0-14.5 [El. -3.5 to -4.0 ft NAVD88], NFS-PDI-AA13B-16.0-16.5 [El. -5.5 to 6.0 ft NAVD88], and NFS-PDI-AA13B-18.0-18.5 (El. -7.5 to 8.0 ft NAVD88]) were also collected in UND above this sample in this grid. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S9. In Grid AA13B, the Cr^{+6} results for samples EF-73A-24.0-24.5, EF-73A-26.0-26.5, EF-73A-28.0-28.5, EF-73A-30.0-30.5, and EF-B73-22.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the samples are in UND; 2) UND is not commingled with CCPW; 3) the samples are deeper than 20 ft below pre-remediation surface elevation; 4) the samples are fine to coarse grained (SM or SP-SM); and 5) Cr^{+6} is less than 1,000 mg/kg.

S10. The Cr^{+6} result for this sample is greater than 20 mg/kg. For the current-use remediation, this exceedance is being addressed via engineering controls (98/100 Forrest Street Existing Concrete Cap) and institutional controls (deed notice). For the future residential-use remediation, this sample will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S11. In Grid BB11B, Cr^{+6} results for samples EF-111A-7.0-7.5 (El. 3.4 to 2.9 ft NAVD88), EF-111A-8.0-8.5 (El. 2.4 to 1.9 ft NAVD88), FS3-5.0-5.5 (El. 5.1 to 4.6 ft NAVD88), FS3-7.0-7.5 (El. 3.1 to 2.6 ft NAVD88), FS3-9.0-9.5 (El. 1.1 to 0.6 ft NAVD88), FS3-11.0-11.5 (El. -0.9 to -1.4 ft NAVD88), FS4-7.0-7.5 (El. 3.1 to 2.6 ft NAVD88), and FS4-9.0-9.5 (El. 1.1 to 0.6 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Forrest TEE Submittal because: 1) these samples are not commingled with CCPW; 2) these samples were collected in saturated soils below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples (EF-111A-2.0-2.5 [El. 8.4 to 7.9 ft NAVD88], EF-111A-3.0-3.5 [El. 7.4 to 6.9 ft NAVD88], EF-111A-5.0-5.5 and its field duplicate EF-111A-5.0-5.5X [El. 5.4 to 4.9 ft NAVD88], FS3-3.0-3.5 and its field duplicate FS3-3.0-3.5X [El. 7.1 to 6.6 ft NAVD88], FS4-3.0-3.5 and its field duplicate FS4-3.0-3.5X [El. 7.1 to 6.6 ft NAVD88], and FSTP2-4.3-4.8 [El. 5.6 to 5.1 ft NAVD88]) were collected above these samples in Grid BB11B; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

S12. In Grid BB11B, the Cr^{+6} results for samples EF-111A-23.0-23.5, FS3-24.0-24.5, FS3-26.0-26.5, FS4-26.0-26.5, and FS4-28.0-28.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the samples are in UND; 2) UND is not commingled with CCPW; 3) the samples are deeper than 20 ft below pre-remediation surface elevation; 4) the samples are not coarse grained (SM); and 5) Cr^{+6} is less than 1,000 mg/kg.

S13. The Cr^{+6} result for this sample is greater than 20 mg/kg. For the current-use remediation, this exceedance is being addressed via engineering controls (HDPE Liner) and institutional controls (notice in lieu of deed notice). For the future residential-use remediation, this sample will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S14. This sample is remaining in place within the 90 Forrest Street Alleyway.

S15. In Grid BB11B, the Cr^{+6} results for samples MW25A-6.0 (El. 4.2 to 3.7 ft NAVD88), MW25A-8.0 and its field duplicate MW25A-8.0X (El. 2.2 to 1.7 ft NAVD88), MW25A-12.0 (El. -1.8 to -2.3 ft NAVD88), and MW25A-14.0 (El. -3.8 to -4.3 ft NAV88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Forrest TEE Submittal because: 1) these samples are not commingled with CCPW; 2) these samples were collected in saturated soil below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples (MW25A-3.0 [El. 7.2 to 6.7 ft NAVD88] and MW25A-4.5 [El. 5.7 to 5.2 ft NAVD88]) were collected above these samples in Grid BB11B; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S16. In Grid BB12B, CCPW was observed in borings 114-MW25B, EF-112, EF-112A, and FS6 and remains in place from El. 10.3 to 7.3 ft NAVD88, El. 10.1 to 8.9 ft NAVD88, El. 8.5 to 8.2 ft NAVD88, and El. 10.0 to 7.3 ft NAVD88, respectively. For the current-use remediation, remaining CCPW is being addressed via engineering controls (90 Forrest Street Alleyway Asphalt Cap) and institutional controls (deed notice). For the future residential-use remediation, remaining CCPW will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S17. The Cr^{+6} result for this sample is greater than 20 mg/kg. For the current-use remediation, this exceedance is being addressed via engineering controls (90 Forrest Street Alleyway Asphalt Cap) and institutional controls (deed notice). For the future residential-use remediation, this sample will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S18. In Grid BB12B, the Cr^{+6} results for samples EF-112A-6.0-6.5 (El. 4.5 to 4.0 ft NAVD88), EF-112A-8.0-8.5 (El. 2.5 to 2.0 ft NAVD88), EF-112A-10.0-10.5 (El. 0.5 to 0.0 ft NAVD88), EF-112A-12.0-12.5 (El. -1.5 to -2.0 ft NAVD88), EF-112A-18.0-18.5 (El. -7.5 to -8.0 ft NAVD88), FS6-6.0-6.5 (El. 4.3 to 3.8 ft NAVD88), FS6-8.0-8.5 (El. 2.3 to 1.8 ft NAVD88), FS6-10.0-10.5 (El. 0.3 to -0.2 ft NAVD88), FS6-18.0-18.5 (El. -7.7 to -8.2 ft NAVD88), FS7-6.0-6.5 (El. 4.5 to 4.0 ft NAVD88), and FS7-8.0-8.5 (El. 2.5 to 2.0 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Forrest TEE Submittal because: 1) these samples are not commingled with CCPW; 2) these samples were collected in saturated soil below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples (EF-112A-4.0-4.5 [El. 6.5 to 6.0 ft NAVD88], FS6-4.0-4.5 [El. 6.3 to 5.8 ft NAVD88], and FS7-4.0-4.5 [El. 6.5 to 6.0 ft NAVD88]) were collected above these samples in Grid BB12B; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S19. In Grid BB12B, the Cr^{+6} results for samples EF-112A-22.0-22.5, EF-112A-26.0-26.5, EF-112A-28.0-28.5, FS7-20.0-20.5, FS7-22.0-22.5, FS7-24.0-24.5, and FS7-26.0-26.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) these samples are in UND; 2) UND is not commingled with CCPW; 3) these samples are deeper than 20 ft below pre-remediation surface elevation; 4) the samples are fine to coarse grained (SM and GM); and 5) Cr^{+6} is less than 1,000 mg/kg.

S20. In Grid BB13B, CCPW was observed in boring EF-57/ICO-22 and remains in place from El. 10.0 to 9.7 ft NAVD88. For the current-use remediation, remaining CCPW is being addressed via engineering controls (90 Forrest Street Alleyway Asphalt Cap) and institutional controls (deed notice). For the future residential-use remediation, remaining CCPW will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S21. In Grid BB13B, the Cr^{+6} results for samples ICO-22-8.0 (El. 2.7 to 2.2 ft NAVD88), ICO-22-10.0 (El. 0.7 to 0.2 ft NAVD88), EF-B57-12.0 (El. -1.3 to -1.8 ft NAVD88), ICO-22-14.0 (El. -3.3 to -3.8 ft NAVD88), ICO-22-16.0 (El. -5.3 to -5.8 ft NAVD88), EF-B57-17.0 (El. -6.3 to -6.8 ft NAVD88), ICO-22-18.0 (El. -7.3 to -7.8 ft NAVD88), and NFS-PDI-BB13B-9.5-10.0 (El. 1.2 to 0.7 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) these samples are not commingled with CCPW; 2) these samples were collected in saturated soil below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples (ICO-22-6.0 [El. 4.7 to 4.2 ft NAVD88] and NFS-PDI-BB13B-6.7-7.2 [El. 4.0 to 3.5 ft NAVD88]) were collected above these samples in Grid BB13B; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S22. In Grid BB13B, the Cr^{+6} result for sample EF-B57-20.0 is greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the sample is in UND; 2) UND is not commingled with CCPW; 3) the sample is deeper than 20 ft below pre-remediation surface elevation; 4) the sample is coarse grained (SP); and 5) Cr^{+6} is less than 1,000 mg/kg.

S23. In Grid CC10B, Cr^{+6} results for samples P4-FOR-CC10B-9.0-9.5 (El. 1.7 to 1.2 ft NAVD88) and P4-FOR-CC10B-10.5-11.0 (El. 0.2 to -0.3 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Forrest TEE Submittal because: 1) these samples are not commingled with CCPW; 2) these samples were collected in saturated soils below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples (P4-FOR-CC10B-3.0-3.5 [El. 7.7 to 7.2 ft NAVD88], P4-FOR-CC10B-5.0-5.5 [El. 5.7 to 5.2 ft NAVD88], and P4-FOR-CC10B-7.0-7.5 [El. 3.7 to 3.2 ft NAVD88]) were collected above these samples in Grid CC10B; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S24. In Grid CC11B, the Cr^{+6} results for samples EF110A-12.0-12.5 (El. -0.9 to -1.4 ft NAVD88), EF-B111-7.5-8.0 (El. 3.0 to 2.5 ft NAVD88), EF-B111-11.0-11.5 (El. -0.5 to -1.0 ft NAVD88), EF-B111-13.0-13.5 (El. -2.5 to -3.0 ft NAVD88), EF-B111-15.0-15.5 (El. -4.5 to -5.0 ft NAVD88), EF-B111-17.0-17.5 (El. -6.5 to -7.0 ft NAVD88), FSI4A-8.0-8.5 (El. 2.5 to 2.0 ft NAVD88), and P4-FOR-CC11BR-10.0-10.5 (El. 0.6 to 0.1 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance. These samples were collected in UND and shallower clean samples (EF110A-8.0-8.5 [El. 3.1 to 2.6 ft NAVD88], EF-B111-6.0-6.5 [El. 4.5 to 4.0 ft NAVD88], and P4-FOR-CC11BR-5.0-5.5 [El. 5.6 to 5.1 ft NAVD88]) were also collected in UND above these samples in Grid CC11B. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S25. In Grid CC11B, the Cr^{+6} results for samples EF110A-20.0-20.5, EF110A-22.0-22.5, EF110A-24.0-24.5, EF110A-26.0-26.5, and EF110A-28.0-28.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the samples are in UND; 2) UND is not commingled with CCPW; 3) the samples are deeper than 20 ft below pre-remediation surface elevation; 4) the samples are not coarse grained (SM); and 5) Cr^{+6} is less than 1,000 mg/kg.

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

S26. In Grid CC11B, the Cr^{+6} results for samples EF-B111-20.0-20.5, EF-B111-22.4-22.9, and EF-B111-25.0-25.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the samples are in UND; 2) UND is not commingled with CCPW; 3) the samples are deeper than 20 ft below pre-remediation surface elevation; 4) the samples are coarse grained (SW and SP); and 5) Cr^{+6} is less than 1,000 mg/kg.

S27. This sample is remaining in place within the 86/90 Forrest Street Building Footprint.

S28. In Grid CC12B, the Cr^{+6} results for samples NFS-PDI-CC12B-8.0-8.5 (El. 2.7 to 2.2 ft NAVD88), NFS-PDI-CC12BR-6.5-7.0 and its field duplicate NFS-PDI-CC12BR-6.5-7.0X (El. 4.0 to 3.5 ft NAVD88), NFS-PDI-CC12BR-8.5-9.0 (El. 2.0 to 1.5 ft NAVD88), NFS-PDI-CC12BR-10.5-11.0 (El. 0.0 to -0.5 ft NAVD88), NFS-PDI-CC12BR-14.5-15.0 (El. -4.0 to -4.5 ft NAVD88), NFS-PDI-CC12BR-16.5-17.0 (El. -6.0 to -6.5 ft NAVD88), and NFS-PDI-CC12BR-18.5-19.0 (El. -8.0 to -8.5 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Forrest TEE Submittal because: 1) these samples are not commingled with CCPW; 2) these samples were collected in saturated soil below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples (NFS-PDI-CC12B-0.0-0.5 (El. 10.7 to 10.2 ft NAVD88), NFS-PDI-CC12B-2.0-2.5 (El. 8.7 to 8.2 ft NAVD88), NFS-PDI-CC12B-4.0-4.5 and its field duplicate NFS-PDI-CC12B-4.0-4.5X (El. 6.7 to 6.2 ft NAVD88), NFS-PDI-CC12B-6.0-6.5 (El. 4.7 to 4.2 ft NAVD88), NFS-PDI-CC12BR-0.5-1.0 (El. 10.0 to 9.5 ft NAVD88), NFS-PDI-CC12BR-2.5-3.0 (El. 8.0 to 7.5 ft NAVD88), NFS-PDI-CC12BR-4.5-5.0 (El. 6.0 to 5.5 ft NAVD88), and NFS-PDI-CC12BR-5.0-5.5 (El. 5.5 to 5.0 ft NAVD88) were collected above these samples in this grid; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg from contact with historically-impacted groundwater.

S29. In Grid CC12B, the Cr^{+6} results for samples NFS-PDI-CC12B-20.0-20.5 and NFS-PDI-CC12BR-20.0-20.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) these sample are in UND; 2) UND is not commingled with CCPW; 3) theses samples are deeper than 20 ft below pre-remediation surface elevation; 4) these samples are coarse grained (SP); and 5) Cr^{+6} is less than 1,000 mg/kg.

S30. In Grid CC13B, the Cr^{+6} results for samples NFS-PDI-CC13B-7.5-8.0 (El. 3.2 to 2.7 ft NAVD88), NFS-PDI-CC13B-8.0-8.5 and its field duplicate NFS-PDI-CC13B-8.0-8.5X (El. 2.7 to 2.2 ft NAVD88), and NFS-PDI-CC13BR-8.0-8.5 (El. 2.4 to 1.9 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Forrest TEE Submittal because: 1) these samples were not commingled with CCPW; 2) these samples were collected in saturated soil below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples (FSI3-3.5-4.0 (El. 6.8 to 6.3 ft NAVD88), FSI3-5.5-6.0 (El. 4.8 to 4.3 ft NAVD88), NFS-PDI-CC13B-4.0-4.5 (El. 6.7 to 6.2 ft NAVD88), NFS-PDI-CC13B-6.0-6.5 (El. 4.7 to 4.2 ft NAVD88), NFS-PDI-CC13BR-4.0-4.5 (El. 6.4 to 5.9 ft NAVD88), NFS-PDI-CC13BR-5.0-5.5 (El. 5.4 to 4.9 ft NAVD88), NFS-PDI-CC13BR-5.5-6.0 (El. 4.9 to 4.4 ft NAVD88), and NFS-PDI-CC13BR-6.0-6.5 (El. 4.4 to 3.9 ft NAVD88) were collected above these samples in Grid CC13B; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S31. In Grid CC14B, the Cr^{+6} results for samples FS10-10.0-10.5 (El. 0.6 to 0.1 ft NAVD88), ICO-21-8.0 (El. 2.6 to 2.1 ft NAVD88), and ICO-21-10.0 (El. 0.6 to 0.1 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Forrest TEE Submittal because: 1) these samples are not commingled with CCPW; 2) these samples were collected in saturated soil below the estimated design groundwater elevation (El. 5.0 ft NAVD88); 3) shallower clean samples FS10-4.0-4.5 (El. 6.6 to 6.1 ft NAVD88), FS10-6.0-6.5 (El. 4.6 to 4.1 ft NAVD88), FS8-4.0-4.5 (El. 6.7 to 6.2 ft NAVD88), FS8-6.0-6.5 (El. 4.7 to 4.2 ft NAVD88), FS8-8.0-8.5 (El. 2.7 to 2.2 ft NAVD88), FS9-4.0-4.5 (El. 6.7 to 6.2 ft NAVD88), FS9-6.0-6.5 (El. 4.7 to 4.2 ft NAVD88), FS9-8.0-8.5 (El. 2.7 to 2.2 ft NAVD88), FSTP1-4.0-4.5 (El. 6.7 to 6.2 ft NAVD88), FSTP1-5.2-5.7 (El. 5.5 to 5.0 ft NAVD88), FSTP1-7.1-7.6 (El. 3.6 to 3.1 ft NAVD88), , ICO-B21-4.0 (El. 6.6 to 6.1 ft NAVD88), ICO-21-6.0 (El. 4.6 to 4.1 ft NAVD88), MW27A-3.0 (El. 7.6 to 7.1 ft NAVD88), MW27A-5.0 (El. 5.6 to 5.1 ft NAVD88), MW27A-6.0 and its field duplicate MW27A-6.0X (El. 4.6 to 4.1 ft NAVD88), NFS-PDI-CC14B-4.5-5.0 (El. 6.3 to 5.8 ft NAVD88), NFS-PDI-CC14B-6.5-7.0 (El 4.3 to 3.8 ft NAVD88), NFS-PDI-CC14B-7.5-8.0 (El. 3.3 to 2.8 ft NAVD88), and NFS-PDI-CC14B-8.0-8.5 (El. 2.8 to 2.3 ft NAVD88) were collected above these samples in Grid CC14B; and 4) Cr^{+6} is less than 1,000 mg/kg. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S32. In Grid DD11B, the Cr^{+6} results for samples NFS-PDI-DD11BR-12.0-12.5 (El. -4.2 to -4.7 ft NAVD88), NFS-PDI-DD11BR-14.0-14.5 (El. -6.2 to -6.7 ft NAVD88), and NFS-PDI-DD11BR-18.0-18.5 (El. -10.2 to -10.7 ft NAVD88) are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) these samples were collected in UND, 2) a shallower clean samples (NFS-PDI-DD11BR-6.0-6.5 [El. 1.8 to 1.3 ft NAVD88], NFS-PDI-DD11BR-8.0-8.5 [El. -0.2 to -0.7 ft NAVD88], and NFS-PDI-DD11BR-10.0-10.5 and its field duplicate NFS-PDI-DD11BR-10.0-10.5X [El. -2.2 to -2.7 ft NAVD88]), were also collected in UND above these samples in this grid. The higher Cr^{+6} concentrations at deeper elevations but not shallower elevations indicate that the samples with Cr^{+6} concentrations greater than 20 mg/kg result from contact with historically-impacted groundwater.

S33. In Grid EE16B, the Cr^{+6} result for sample FS13-0.0-0.5 (El. 11.0 to 11.5 ft NAVD88) is greater than 20 mg/kg but has been removed via remedial excavation conducted in December 2017. Excavation was conducted to an as-built TEE of El. 10.4 ft NAVD88. Sample NFS-PDI-EE16B-0.5-1.0 (El. 10.4 to 9.9 ft NAVD88), which was also removed during the remedial excavation, serves as the clean confirmation pit bottom sample. Samples NFS-PDI-EE16B-SS-0.0-0.5 (El. 10.8 to 10.3 ft NAVD88), FS24-0.0-0.5 (El. 11.1 to 10.6 ft NAVD88) serve as the western and northern sidewall samples, respectively. The southern extent of the excavation was the Column 15B/16B boundary and the eastern extent of the excavation was the building footprint.

S34. This sample is located outside of the current-use remediation area boundaries, but is located within the property boundary of 84 Forrest Street and is therefore included herein for completeness.

S35. This sample is remaining in place within the 84 Forrest Street Building Footprint and Loading Dock.

S36. The Cr^{+6} result for this sample is greater than 20 mg/kg. For the current-use remediation, this exceedance is being addressed via engineering controls (84 Forrest Street Loading Dock Engineering Control, consisting of a new concrete block wall, an HDPE liner between the new and existing concrete block wall, epoxy material, a protective wearing surface, and dock bumpers) and institutional controls (deed notice). For the future residential-use remediation, this sample will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S37. This sample is located outside of the current-use remediation area boundaries, but is located within the property boundary of 86/90 Forrest Street and is therefore included herein for completeness.

S38. This is sample is located within the Grid GG15B. The Cr^{+6} result for sample NFS-PDI-GG15B-1.7-2.2 (El. 10.4 to 9.9 ft NAVD88) is greater than 20 mg/kg, but has been removed via remedial excavation conducted in December 2017. Excavation was conducted to an as-built TEE of El. 9.5 ft NAVD88. Sample NFS-PDI-GG15B-2.2-2.7 (El. 9.9 to 9.4 ft NAVD88), which was also removed during the remedial excavation, serves as the clean confirmation pit bottom sample.

S39. This sample is remaining in place within the 100 Forrest Street Offset.

Table 2-2
Cr^{+6} Analytical Results for Soil Compared to Chromium Soil Cleanup Criterion
Forrest Current-Use Remediation Areas, Garfield Avenue Group
PPG, Jersey City, New Jersey

S40. The Cr^{+6} result for this sample is greater than 20 mg/kg. For the current-use remediation, this exceedance is being addressed via engineering controls (HDPE Liner Overlain with DGA and Either an Asphalt Cap or GCCM) and institutional controls (deed notice). For the future residential-use remediation, this sample will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S41. The Cr^{+6} result for this sample is greater than 20 mg/kg but has been removed as part of the sub-grade excavation for restoration.

S42. In Grid X13B, CCPW was observed in boring FS18 and remains in place from El. 9.8 to 9.1 ft NAVD88. For the current-use remediation, remaining CCPW is being addressed via engineering controls (HDPE Liner Overlain with DGA and Either an Asphalt Cap or GCCM) and institutional controls (deed notice). For the future residential-use remediation, remaining CCPW will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S43. In Grid X13B, the Cr^{+6} result for sample FS18-30.0-30.5 is greater than 20 mg/kg but is in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the sample is in UND; 2) UND is not comingled with CCPW; 3) the sample is deeper than 20 ft below pre-remediation elevation; 4) the sample is not coarse grained (SM); and 5) Cr^{+6} is less than 1,000 mg/kg.

S44. This sample is remaining in place within the 100 Forrest Street Loading Dock Driveway.

S45. In Grid Y11B, the Cr^{+6} results for samples FS16-23.0-23.5, FS16-25.0-25.5, FS16-27.0-27.5, FS16-30.0-30.5, FS16-32.0-32.5, FS16-34.0-34.5, and FS16-35.0-35.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the samples are in UND; 2) UND is not commingled with CCPW; 3) the samples are deeper than 20 ft below pre-remediation surface elevation; 4) the samples are not coarse grained (SM); and 5) Cr^{+6} is less than 1,000 mg/kg.

S46. In Grid Y11B, the Cr^{+6} result for sample P4-FOR-Y11BR-20.0-20.5 is greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) the sample is in UND; 2) UND is not commingled with CCPW; 3) the sample is deeper than 20 ft below pre-remediation surface elevation; 4) the sample is coarse grained (SP); and 5) Cr^{+6} is less than 1,000 mg/kg.

S47. The Cr^{+6} result for this sample is greater than 20 mg/kg. For the current-use remediation, this exceedance is being addressed via engineering controls (100 Forrest Street Loading Dock Driveway Existing Asphalt and Concrete Cap and Sealing Cracks/Breaches in the 100 Forrest Street Concrete Retaining Wall) and institutional controls (notice in lieu of deed notice). For the future residential-use remediation, this sample will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S48. In Grid Z12B, CCPW was observed in boring PSEG-SB62 and remains in place from El. 9.7 to 5.0 ft NAVD88. For the current-use remediation, remaining CCPW is being addressed via engineering controls (HDPE Liner) and institutional controls (deed notice). For the future residential-use remediation, remaining CCPW will be removed via future remedial excavation per the *Conceptual Future Residential-Use Remedial Excavation Plan*, provided in Appendix M.

S49. In Grid Z13B, the Cr^{+6} results for samples EF-B113-22.2-22.7 and EF-B113-25.0-25.5 are greater than 20 mg/kg but in compliance with the Chromium Policy per the Method to Determine Compliance because: 1) these samples are in UND; 2) UND is not commingled with CCPW; 3) these samples are deeper than 20 ft below pre-remediation surface elevation; 4) these samples are fine to coarse grained (GP and SP to SM); and 5) Cr^{+6} is less than 1,000 mg/kg.