Table 3
Hexavalent Chromium and CCPW Metals for In-Place AOC-1B Soil
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

As-Built Post Excavation Samples											Post Excavation Samples Laboratory References								Post Excavation Samples Laboratory Results							
Location ID (G1)	Location Elevation (NAVD 88; G2)	Sample ID (G3)	Northing (NAD 83; G4)	Easting (NAD 83; G5)	Sample Start Elevation (NAVD 88; G6)	Sample End Elevation (NAVD 88; G7)	Sample Start Depth (ft BGS; G8)	Sample End Depth (ft BGS; G9)	Sample Location (G10)	Number of COPR Nodules (G11)	Lab ID (G12)	Lab SDG (G13)	Date Collected (G14)	Sample Status (G15)	Sample Type (G16)	Matrix (G17)	Unsaturated Zone (G18)	Validated (G19)	Parameter Name	Antimony	Chromium	Chromium VI	Nickel	Thallium	Vanadium	Notes
																			CAS Number	7440-36-0	7440-47-3	18540-29-9	7440-02-0	7440-28-0	7440-62-2	
																			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
																			RDCSRS	31	NA	NA	1600	NA	NA	
																			CrSCC (G20)	NA	120000	20	NA	NA	NA	
																			IGWSSL (G21)	6	NA	NA	NA	3	NA	
																			IGWSRS (G21)	NA	NA	NA	855	NA	NA	
																			SSSRS (G20)	NA	NA	NA	NA	NA	390	
B21, B22	21.4	MSA-B2122(3.25-3.75)	677676.8	606980.8	18.15	17.65	3.25	3.75	MSA-SB	10	JD17729-1	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.49 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment
B21, B22	21.4	MSA-B2122(3.25-3.75)	677676.8	606980.8	18.15	17.65	3.25	3.75	MSA-SB	10	JD17729-1R	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.48 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment
B21, B22	21.4	MSA-B2122(6.0-6.5)	677676.8	606980.8	15.4	14.9	6.0	6.5	MSA-SB	10	JD17729-4	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.52 U	NA	NA	NA	
B21, B22	21.4	MSA-B2122(6.0-6.5)	677676.8	606980.8	15.4	14.9	6.0	6.5	MSA-SB	10	JD17729-4R	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.52 U	NA	NA	NA	
B22, B23	21.5	MSA-B2223(3.0-3.5)	677698.8	607001.1	18.5	18.0	3.0	3.5	MSA-SB	68	JD17729-5	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	0.42 J	NA	NA	NA	
B22, B23	21.5	MSA-B2223(3.0-3.5)	677698.8	607001.1	18.5	18.0	3.0	3.5	MSA-SB	68	JD17729-5R	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
B22, B23	21.5	MSA-B2223(4.0-4.5)	677698.8	607001.1	17.5	17.0	4.0	4.5	MSA-SB	13	JD17729-3	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	3.5	NA	NA	NA	
B22, B23	21.5	MSA-B2223(4.0-4.5)	677698.8	607001.1	17.5	17.0	4.0	4.5	MSA-SB	13	JD17729-3R	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	1.3	NA	NA	NA	
B24, B25	21.4	MSA-B2425(3.25-3.75)	677743.2	607041.4	18.15	17.65	3.25	3.75	MSA-SB	41	JD17544-4	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.47 UJ	NA	NA	NA	
B24, B25	21.4	MSA-B2425(3.25-3.75)	677743.2	607041.4	18.15	17.65	3.25	3.75	MSA-SB	41	JD17544-4R	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	0.41 J	NA	NA	NA	
B24, B25	21.4	MSA-B2425(6.0-6.5)	677743.2	607041.4	15.4	14.9	6.0	6.5	MSA-SB	5	JD17544-5	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	6.0	NA	NA	NA	
B24, B25	21.4	MSA-B2425(6.0-6.5)	677743.2	607041.4	15.4	14.9	6.0	6.5	MSA-SB	5	JD17544-5R	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	2.5	NA	NA	NA	
B26, B27	21.3	MSA-B2627(7.5-8.0)	677786.2	607083.4	13.8	13.3	7.5	8.0	MSA-SB	70% (>100)	JD17438-1	JD17438	12/9/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment
B26, B27	21.3	MSA-B2627(7.5-8.0)	677786.2	607083.4	13.8	13.3	7.5	8.0	MSA-SB	70% (>100)	JD17438-1R	JD17438	12/9/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment
B26, C26	21.6	MSA-BC26(4.0-4.5)	677752.5	607075.1	17.6	17.1	4.0	4.5	MSA-SB	55	JD17544-2	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 UJ	NA	NA	NA	
B26, C26	21.6	MSA-BC26(4.0-4.5)	677752.5	607075.1	17.6	17.1	4.0	4.5	MSA-SB	55	JD17544-2R	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.47 UJ	NA	NA	NA	
B28, C28	21.3	MSA-BC28(9.8-10.0)	677795.6	607116.8	11.5	11.3	9.8	10.0	MSA-SB	60%-70%	JD17438-3	JD17438	12/9/2020	Remaining	N	SO	Y	Y		NA	NA	0.64	NA	NA	NA	
B28, C28	21.3	MSA-BC28(9.8-10.0)	677795.6	607116.8	11.5	11.3	9.8	10.0	MSA-SB	60%-70%	JD17438-3R	JD17438	12/9/2020	Remaining	N	SO	Y	Y		NA	NA	0.59	NA	NA	NA	
B30, C30	20.8	MSA-BC30(2.75-3.25)	677838.7	607158.3	18.05	17.55	2.75	3.25	MSA-SB	6	JD17650-4	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 UJ	NA	NA	NA	
B30, C30	20.8	MSA-BC30(2.75-3.25)	677838.7	607158.3	18.05	17.55	2.75	3.25	MSA-SB	6	JD17650-4T	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.44 UJ	NA	NA	NA	
C21, C22	21.2	MSA-C2122(12.0-12.5)	677664.2	606993.9	9.2	8.7	12.0	12.5	MSA-SB	2	JD17885-5	JD17885	12/15/2020	Remaining	N	SO	N	Y		NA	NA	3.3 J	NA	NA	NA	
C21, C22	21.2	MSA-C2122(12.0-12.5)	677664.2	606993.9	9.2	8.7	12.0	12.5	MSA-SB	2	JD17885-5R	JD17885	12/15/2020	Remaining	N	SO	N	Y		NA	NA	2.1 J	NA	NA	NA	
C22, C23	21.7	MSA-C2223(4.0-4.5)	677679.2	607021.4	17.7	17.2	4.0	4.5	MSA-SB	29	JD17729-7	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	0.59	NA	NA	NA	
C22, C23	21.7	MSA-C2223(4.0-4.5)	677679.2	607021.4	17.7	17.2	4.0	4.5	MSA-SB	29	JD17729-7R	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
C22, C23	21.7	MSA-C2223(4.0-4.5)	677679.2	607021.4	17.7	17.2	4.0	4.5	MSA-SB	29	JD17729-2	JD17729	12/14/2020	Remaining	FD	SO	Y	Y		NA	NA	2.7	NA	NA	NA	
C22, C23	21.7	MSA-C2223(4.0-4.5)	677679.2	607021.4	17.7	17.2	4.0	4.5	MSA-SB	29	JD17729-2R	JD17729	12/14/2020	Remaining	FD	SO	Y	Y		NA	NA	< 0.47 U	NA	NA	NA	
C22, C23	21.7	MSA-C2223(5.0-5.5)	677679.2	607021.4	16.7	16.2	5.0	5.5	MSA-SB	17	JD17729-6	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	1.5	NA	NA	NA	
C22, C23	21.7	MSA-C2223(5.0-5.5)	677679.2	607021.4	16.7	16.2	5.0	5.5	MSA-SB	17	JD17729-6R	JD17729	12/14/2020	Remaining	N	SO	Y	Y		NA	NA	1.2	NA	NA	NA	
C24, C25	21.7	MSA-C2425(3.5-4.0)	677721.9	607063.7	18.2	17.7	3.5	4.0	MSA-SB	12	JD17544-6	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	3.8	NA	NA	NA	
C24, C25	21.7	MSA-C2425(3.5-4.0)	677721.9	607063.7	18.2	17.7	3.5	4.0	MSA-SB	12	JD17544-6R	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	7.1	NA	NA	NA	
C24, C25	21.7	MSA-C2425(5.5-6.0)	677721.9	607063.7	16.2	15.7	5.5	6.0	MSA-SB	6	JD17544-7	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	0.44	NA	NA	NA	
C24, C25	21.7	MSA-C2425(5.5-6.0)	677721.9	607063.7	16.2	15.7	5.5	6.0	MSA-SB	6	JD17544-7R	JD17544	12/10/2020	Remaining	N	SO	Y	Y		NA	NA	0.67	NA	NA	NA	
C28, C29	20.9	MSA-C2829(6.5-7.0)	677798.6	607156.8	14.4	13.9	6.5	7.0	MSA-SB	11	JD17438-6	JD17438	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.46	NA	NA	NA	
C28, C29	20.9	MSA-C2829(6.5-7.0)	677798.6	607156.8	14.4	13.9	6.5	7.0	MSA-SB	11	JD17438-6R	JD17438	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.44 U	NA	NA	NA	
C28, C29	20.9	MSA-C2829(9.8-10.0)	677798.6	607156.8	11.1	10.9	9.8	10.0	MSA-SB	40%-50%	JD17438-4	JD17438	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	1.3	NA	NA	NA	
C28, C29	20.9	MSA-C2829(9.8-10.0)	677798.6	607156.8	11.1	10.9	9.8	10.0	MSA-SB	40%-50%	JD17438-4R	JD17438	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.97	NA	NA	NA	
C28, C29	20.9	MSA-C2829(11.7-12.0)	677798.6	607156.8	9.2	8.9	11.7	12.0	MSA-SB	16	JD17438-5	JD17438	12/8/2020	Remaining	N	SO	N	Y		NA	NA	< 0.47 U	NA	NA	NA	
C28, C29	20.9	MSA-C2829(11.7-12.0)	677798.6	607156.8	9.2	8.9	11.7	12.0	MSA-SB	16	JD17438-5R	JD17438	12/8/2020	Remaining	N	SO	N	Y		NA	NA	< 0.47 U	NA	NA	NA	
C28, C29	20.9	MSA-C2829(13.0-13.5)	677798.6	607156.8	7.9	7.4	13.0	13.5	MSA-SB	2	JD17438-2	JD17438	12/8/2020	Remaining	N	SO	N	Y		NA	NA	< 0.45 U	NA	NA	NA	
C28, C29	20.9	MSA-C2829(13.0-13.5)	677798.6	607156.8	7.9	7.4	13.0	13.5	MSA-SB	2	JD17438-2R	JD17438	12/8/2020	Remaining	N	SO	N	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in B18	16.9	SW-B31(4.5-5.0)	677616.2	606895.9	13.1	12.6	3.8	4.3	MSA-SW	0	JD17885-10	JD17885	12/16/2020	Remaining	N	SO	Y	Y		NA	NA	0.80	NA	NA	NA	
SW in B18	16.9	SW-B31(6.5-7.0)	677615.6	606897.8	12.7	12.2	4.2	4.7	MSA-SW	0	JD17885-8	JD17885	12/16/2020	Remaining	N	SO	Y	Y		NA	NA	0.42 J	NA	NA	NA	
SW in A19	17.9	SW-B32(6.5-7.0)	677636.4	606912.4	11.8	11.3	6.1	6.6	MSA-SW	0	JD17885-11	JD17885	12/16/2020	Remaining	N	SO	Y	Y		NA	NA	0.41 J	NA	NA	NA	
SW in B19	17.8	SW-B32(8.5-9.0)	677632.9	606921.1	8.3	7.8	9.5	10.0	MSA-SW	0	JD17885-9	JD17885	12/16/2020	Remaining	N	SO	N	Y		NA	NA	11.9	NA	NA	NA	
SW in B21	20.4	SW-B35(0.0-0.5)	677659.9	606964.2	20.4	19.9	0.0	0.5	MSA-SW	37	JD17650-6	JD17650	12/11/2020	Removed	N	SO	Y	Y		NA	NA	14.3 J	NA	NA	NA	
SW in B21	20.4	SW-B35(0.0-0.5)	677659.9	606964.2	20.4	19.9	0.0	0.5	MSA-SW	37	JD17650-6R	JD17650	12/11/2020	Removed	N	SO	Y	Y		NA	NA	26.7 J	NA	NA	NA	
SW in B21	20.7	SW-B35(2.0-2.5)	677658.5	606962.2	18.7	18.2	2.0	2.5	MSA-SW	39	JD17650-7	JD17650	12/11/2020	Removed	N	SO	Y	Y		NA	NA	17.4	NA	NA	NA	
SW in B21	20.7	SW-B35(2.0-2.5)	677658.5	606962.2	18.7	18.2	2.0	2.5	MSA-SW	39	JD17650-7R	JD17650	12/11/2020	Removed	N	SO	Y	Y		NA	NA	17.0	NA	NA	NA	
SW in B20	20.5	SW-B35(4.0-4.5)	677654.7	606961.2	16.5	16.0	4.0	4.5	MSA-SW	10%	JD17650-8	JD17650	12/11/2020	Removed	N	SO	Y	Y		NA	NA	10.1	NA	NA	NA	
SW in B20	20.5	SW-B35(4.0-4.5)	677654.7	606961.2	16.5	16.0	4.0	4.5	MSA-SW	10%	JD17650-8R	JD17650	12/11/2020	Removed	N	SO	Y	Y		NA	NA	25.9	NA	NA	NA	
SW in B20	20.1	SW-B35(6.0-6.5)	677651.6	606958.1	14.1	13.6	6.0	6.5	MSA-SW	0	JD17335-8	JD17335	12/8/2020	Removed	N	SO	Y	Y		NA	NA	0.42 J	NA	NA	NA	
SW in B20	20.1	SW-B35(6.0-6.5)	677651.6	606958.1	14.1	13.6	6.0	6.5	MSA-SW	0	JD17335-8R	JD17335	12/8/2020	Removed	N	SO	Y	Y		NA	NA	1.4	NA	NA	NA	
SW in B20	19.9	SW-B35(8.25-8.75)	677648.7	606955.5	12.1	11.6	7.8	8.3	MSA-SW	0	JD17981-2	JD17981	12/18/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.47 UJ	NA	NA	NA	
SW in B20	19.9	SW-B35(8.25-8.75)	677648.7	606955.5	12.1	11.6	7.8	8.3	MSA-SW	0	JD17981-2R	JD17981	12/18/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.47 UJ	NA	NA	NA	
SW in B20	20.0	SW-B35(10.5-11.0)	677645.2	606952.9	10.1	9.6	9.9	10.4	MSA-SW*	0	JD17981-3	JD17981	12/18/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.50 UJ	NA	NA	NA	
SW in B20	20.0	SW-B35(10.5-11.0)	677645.2	606952.9	10.1	9.6	9.9	10.4	MSA-SW*	0	JD17981-3R	JD17981	12/18/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.50 UJ	NA	NA	NA	
SW in C21	20.3	SW-B36(0.0-0.5)	677636.8	606984.4	20.3	19.8	0.0	0.5	MSA-SW	0	JD17335-15	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.42 U	NA	NA	NA	
SW in C21	20.3	SW-B36(0.0-0.5)	677636.8	606984.4	20.3	19.8	0.0	0.5	MSA-SW	0	JD17335-15R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.56	NA	NA	NA	
SW in C20	20.3	SW-B36(2.0-2.5)	677633.2	606981.7	18.3	17.8	2.0	2.5	MSA-SW	0	JD17335-17	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.44 J	NA	NA	NA	
SW in C20	20.3	SW-B36(2.0-2.5)	677633.2	606981.7	18.3	17.8	2.0	2.5	MSA-SW	0	JD17335-17R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.47 U	NA	NA	NA	
SW in C20	20.3	SW-B36(4.0-4.5)	677629.8	606979.7	16.3	15.8	4.0	4.5	MSA-SW	0	JD17335-3	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	3.9	NA	NA	NA	
SW in C20	20.3	SW-B36(4.0-4.5)	677629.8	606979.7	16.3	15.8	4.0	4.5	MSA-SW	0	JD17335-3R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	7.0	NA	NA	NA	
SW in C20	20.3	SW-B36(6.5-7.0)	677627.1	606977.4	14.2	13.7	6.1	6.6	MSA-SW	0	JD17981-4	JD17981	12/18/2020	Remaining	N	SO	Y	Y		NA	NA	1.7	NA	NA	NA	
SW in C20	20.3	SW-B36(6.5-7.0)	677627.1	606977.4	14.2	13.7	6.1	6.6	MSA-SW	0	JD17981-4R	JD17981	12/18/2020	Remaining	N	SO	Y	Y		NA	NA	3.5 J	NA	NA	NA	
SW in C20	20.3	SW-B36(6.5-7.0)	677627.1	606977.4	14.2	13.7	6.1	6.6	MSA-SW	0	JD17981-5	JD17981	12/18/2020	Remaining	FD	SO	Y	Y		NA	NA	2.0	NA	NA	NA	
SW in C20	20.3	SW-B36(6.5-7.0)	677627.1	606977.4	14.2	13.7	6.1	6.6	MSA-SW	0	JD17981-5R	JD17981	12/18/2020	Remaining	FD	SO	Y	Y		NA	NA	1.2 J	NA	NA	NA	
SW in C20	22.7	SW-B36(9.5-10.0)	677624.9	606974.8	12.3	11.8	10.4	10.9	MSA-SW	19	JD18055-6	JD18055	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	0.80 J	NA	NA	NA	
SW in C20	22.7	SW-B36(9.5-10.0)	677624.9	606974.8	12.3	11.8	10.4	10.9	MSA-SW	19	JD18055-6R	JD18055	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	2.3 J	NA	NA	NA	

Table 3
Hexavalent Chromium and CCPW Metals for In-Place AOC-1B Soil
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

As-Built Post Excavation Samples											Post Excavation Samples Laboratory References								Post Excavation Samples Laboratory Results							
Location ID (G1)	Location Elevation (NAVD 88; G2)	Sample ID (G3)	Northing (NAD 83; G4)	Easting (NAD 83; G5)	Sample Start Elevation (NAVD 88; G6)	Sample End Elevation (NAVD 88; G7)	Sample Start Depth (ft BGS; G8)	Sample End Depth (ft BGS; G9)	Sample Location (G10)	Number of COPR Nodules (G11)	Lab ID (G12)	Lab SDG (G13)	Date Collected (G14)	Sample Status (G15)	Sample Type (G16)	Matrix (G17)	Unsaturated Zone (G18)	Validated (G19)	Parameter Name	Antimony	Chromium	Chromium VI	Nickel	Thallium	Vanadium	Notes
																			CAS Number	7440-36-0	7440-47-3	18540-29-9	7440-02-0	7440-28-0	7440-62-2	
																			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
																			RDCSRS	31	NA	NA	1600	NA	NA	
																			CrSCC (G20)	NA	120000	20	NA	NA	NA	
																			IGWSSL (G21)	6	NA	NA	NA	3	NA	
																			IGWSRS (G21)	NA	NA	NA	855	NA	NA	
																			SSSRS (G20)	NA	NA	NA	NA	NA	390	
SW in C20	20.9	SW-B36(11.0-11.5)	677622.2	606971.9	10.1	9.6	10.8	11.3	MSA-SW*	6	JD18055-7	JD18055	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	1.8	NA	NA	NA	
SW in C20	20.9	SW-B36(11.0-11.5)	677622.2	606971.9	10.1	9.6	10.8	11.3	MSA-SW*	6	JD18055-7R	JD18055	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	2.0	NA	NA	NA	
SW in C20	20.9	SW-B36(12.0-12.5)	677620.1	606969.6	8.0	7.5	12.9	13.4	MSA-SW*	0	JD18055-10	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	1.0	NA	NA	NA	
SW in C20	20.9	SW-B36(12.0-12.5)	677620.1	606969.6	8.0	7.5	12.9	13.4	MSA-SW*	0	JD18055-10R	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	< 0.47 U	NA	NA	NA	
SW in C21	20.3	SW-B37(0.0-0.5)	677640.0	606993.0	20.3	19.8	0.0	0.5	MSA-SW	0	JD17304-12	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.43 UJ	NA	NA	NA	
SW in C21	20.3	SW-B37(0.0-0.5)	677640.0	606993.0	20.3	19.8	0.0	0.5	MSA-SW	0	JD17304-12R	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.43 UJ	NA	NA	NA	
SW in C21	20.1	SW-B37(2.0-2.5)	677638.3	606995.3	18.2	17.7	1.9	2.4	MSA-SW	0	JD17335-14	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	2.5	NA	NA	NA	
SW in C21	20.1	SW-B37(2.0-2.5)	677638.3	606995.3	18.2	17.7	1.9	2.4	MSA-SW	0	JD17335-14R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	2.0	NA	NA	NA	
SW in C21	20.4	SW-B37(4.0-4.5)	677636.2	606997.3	16.4	15.9	4.0	4.5	MSA-SW	0	JD17335-13	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.43 U	NA	NA	NA	
SW in C21	20.4	SW-B37(4.0-4.5)	677636.2	606997.3	16.4	15.9	4.0	4.5	MSA-SW	0	JD17335-13R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	1.5	NA	NA	NA	
SW in C21	20.5	SW-B37(6.0-6.5)	677634.0	606999.4	14.5	14.0	6.0	6.5	MSA-SW	0	JD17335-4	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in C21	20.5	SW-B37(6.0-6.5)	677634.0	606999.4	14.5	14.0	6.0	6.5	MSA-SW	0	JD17335-4R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	1.2	NA	NA	NA	
SW in D21	19.9	SW-B37(9.0-9.5)	677631.7	607001.4	12.3	11.8	7.6	8.1	MSA-SW	14	JD18055-1	JD18055	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	0.89 J	NA	NA	NA	
SW in D21	19.9	SW-B37(9.0-9.5)	677631.7	607001.4	12.3	11.8	7.6	8.1	MSA-SW	14	JD18055-1R	JD18055	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	0.66 J	NA	NA	NA	
SW in D21	21.1	SW-B37(10.0-10.5)	677629.0	607003.6	10.3	9.8	10.8	11.3	MSA-SW*	0	JD18055-2	JD18055	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	1.9	NA	NA	NA	
SW in D21	21.1	SW-B37(10.0-10.5)	677629.0	607003.6	10.3	9.8	10.8	11.3	MSA-SW*	0	JD18055-2R	JD18055	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	2.9	NA	NA	NA	
SW in D21	21.1	SW-B37(12.0-12.5)	677627.6	607004.6	8.3	7.8	12.8	13.3	MSA-SW*	0	JD18055-3	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	2.2	NA	NA	NA	
SW in D21	21.1	SW-B37(12.0-12.5)	677627.6	607004.6	8.3	7.8	12.8	13.3	MSA-SW*	0	JD18055-3R	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	2.7	NA	NA	NA	
SW in D21	21.1	SW-B37(14.0-14.5)	677626.9	607005.7	6.4	5.9	14.7	15.2	MSA-SW*	4	JD18055-4	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	2.3	NA	NA	NA	
SW in D21	21.1	SW-B37(14.0-14.5)	677626.9	607005.7	6.4	5.9	14.7	15.2	MSA-SW*	4	JD18055-4R	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	1.7	NA	NA	NA	
SW in D21	21.1	SW-B37(15.0-15.5)	677626.3	607006.2	5.5	5.0	15.6	16.1	MSA-SW*	0	JD18055-5	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	2.8	NA	NA	NA	
SW in D21	21.1	SW-B37(15.0-15.5)	677626.3	607006.2	5.5	5.0	15.6	16.1	MSA-SW*	0	JD18055-5R	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	2.1	NA	NA	NA	
SW in C22	20.4	SW-B38(0.0-0.5)	677659.7	607016.9	20.4	19.9	0.0	0.5	MSA-SW	0	JD17304-8	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in C22	20.4	SW-B38(0.0-0.5)	677659.7	607016.9	20.4	19.9	0.0	0.5	MSA-SW	0	JD17304-8R	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.43 U	NA	NA	NA	
SW in C22	20.4	SW-B38(2.0-2.5)	677656.7	607019.2	18.4	17.9	2.0	2.5	MSA-SW	0	JD17304-9	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	0.80	NA	NA	NA	
SW in C22	20.4	SW-B38(2.0-2.5)	677656.7	607019.2	18.4	17.9	2.0	2.5	MSA-SW	0	JD17304-9R	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	1.2	NA	NA	NA	
SW in C22	20.5	SW-B38(4.0-4.5)	677654.1	607021.1	16.5	16.0	4.0	4.5	MSA-SW	0	JD17335-7	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in C22	20.5	SW-B38(4.0-4.5)	677654.1	607021.1	16.5	16.0	4.0	4.5	MSA-SW	0	JD17335-7R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	1.1	NA	NA	NA	
SW in D22	20.7	SW-B38(6.0-6.5)	677651.5	607023.5	14.4	13.9	6.3	6.8	MSA-SW	0	JD17335-12	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in D22	20.7	SW-B38(6.0-6.5)	677651.5	607023.5	14.4	13.9	6.3	6.8	MSA-SW	0	JD17335-12R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.83	NA	NA	NA	
SW in D22	20.9	SW-B38(8.0-8.5)	677648.5	607025.8	12.9	12.4	8.0	8.5	MSA-SW*	0	JD17335-16	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.44 J	NA	NA	NA	
SW in D22	20.9	SW-B38(8.0-8.5)	677648.5	607025.8	12.9	12.4	8.0	8.5	MSA-SW	0	JD17335-16R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	1.1	NA	NA	NA	
SW in D22	21.1	SW-B38(11.0-11.5)	677646.3	607027.7	10.4	9.9	10.7	11.2	MSA-SW*	15	JD18116-3	JD18116	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	0.96	NA	NA	NA	
SW in D22	21.1	SW-B38(11.0-11.5)	677646.3	607027.7	10.4	9.9	10.7	11.2	MSA-SW*	15	JD18116-3R	JD18116	12/21/2020	Remaining	N	SO	Y	Y		NA	NA	0.69	NA	NA	NA	
SW in D22	21.1	SW-B38(13.0-13.5)	677644.0	607029.5	8.2	7.7	12.9	13.4	MSA-SW*	19	JD18116-2	JD18116	12/21/2020	Remaining	N	SO	N	Y		NA	NA	0.59	NA	NA	NA	
SW in D22	21.1	SW-B38(13.0-13.5)	677644.0	607029.5	8.2	7.7	12.9	13.4	MSA-SW*	19	JD18116-2R	JD18116	12/21/2020	Remaining	N	SO	N	Y		NA	NA	< 0.44 U	NA	NA	NA	
SW in D22	21.1	SW-B38(13.0-13.5)	677644.0	607029.5	8.2	7.7	12.9	13.4	MSA-SW*	19	JD18116-4	JD18116	12/21/2020	Remaining	FD	SO	N	Y		NA	NA	0.58	NA	NA	NA	
SW in D22	21.1	SW-B38(13.0-13.5)	677644.0	607029.5	8.2	7.7	12.9	13.4	MSA-SW*	19	JD18116-4R	JD18116	12/21/2020	Remaining	FD	SO	N	Y		NA	NA	0.65	NA	NA	NA	
SW in D22	21.1	SW-B38(14.0-14.5)	677642.9	607030.7	5.2	4.7	15.9	16.4	MSA-SW*	6	JD18116-1	JD18116	12/21/2020	Remaining	N	SO	N	Y		NA	NA	1.6	NA	NA	NA	
SW in D22	21.1	SW-B38(14.0-14.5)	677642.9	607030.7	5.2	4.7	15.9	16.4	MSA-SW*	6	JD18116-1R	JD18116	12/21/2020	Remaining	N	SO	N	Y		NA	NA	< 0.48 U	NA	NA	NA	
SW in D22	21.1	SW-B38(15.0-15.5)	677642.6	607030.9	4.5	4.0	16.6	17.1	MSA-SW*	0	JD18116-6	JD18116	12/22/2020	Remaining	N	SO	N	Y		NA	NA	< 0.46 UJ	NA	NA	NA	
SW in D22	21.1	SW-B38(15.0-15.5)	677642.6	607030.9	4.5	4.0	16.6	17.1	MSA-SW*	0	JD18116-6R	JD18116	12/22/2020	Remaining	N	SO	N	Y		NA	NA	< 0.46 UJ	NA	NA	NA	
SW in C23	21.2	SW-B39(0.0-0.5)	677679.9	607039.4	21.2	20.7	0.0	0.5	MSA-SW	0	JD17304-7	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in C23	21.2	SW-B39(0.0-0.5)	677679.9	607039.4	21.2	20.7	0.0	0.5	MSA-SW	0	JD17304-7R	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	1.0	NA	NA	NA	
SW in C23	21.1	SW-B39(2.0-2.5)	677678.0	607041.4	19.3	18.8	1.8	2.3	MSA-SW	0	JD17335-9	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.48 U	NA	NA	NA	
SW in C23	21.1	SW-B39(2.0-2.5)	677678.0	607041.4	19.3	18.8	1.8	2.3	MSA-SW	0	JD17335-9R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.93	NA	NA	NA	
SW in D23	21.0	SW-B39(4.0-4.5)	677675.6	607043.8	17.1	16.6	3.9	4.4	MSA-SW	0	JD17335-10	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.98	NA	NA	NA	
SW in D23	21.0	SW-B39(4.0-4.5)	677675.6	607043.8	17.1	16.6	3.9	4.4	MSA-SW	0	JD17335-10R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	1.8	NA	NA	NA	
SW in D23	21.3	SW-B39(6.0-6.5)	677673.0	607046.2	15.3	14.8	6.0	6.5	MSA-SW	0	JD17335-2	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.43 J	NA	NA	NA	
SW in D23	21.3	SW-B39(6.0-6.5)	677673.0	607046.2	15.3	14.8	6.0	6.5	MSA-SW	0	JD17335-2R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.55	NA	NA	NA	
SW in D23	21.4	SW-B39(8.0-8.5)	677670.8	607048.6	13.4	12.9	8.0	8.5	MSA-SW	0	JD17335-1	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in D23	21.4	SW-B39(8.0-8.5)	677670.8	607048.6	13.4	12.9	8.0	8.5	MSA-SW	0	JD17335-1R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in D23	22.9	SW-B39(11.0-11.5)	677668.8	607051.1	11.2	10.7	11.7	12.2	MSA-SW	0	JD17885-12	JD17885	12/16/2020	Remaining	N	SO	Y	Y		NA	NA	1.3	NA	NA	NA	
SW in D23	21.7	SW-B39(13.0-13.5)	677666.9	607053.6	9.3	8.8	12.4	12.9	MSA-SW*	1	JD17885-15	JD17885	12/16/2020	Remaining	N	SO	N	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in D23	21.7	SW-B39(13.0-13.5)	677666.9	607053.6	9.3	8.8	12.4	12.9	MSA-SW*	1	JD17885-15R	JD17885	12/16/2020	Remaining	N	SO	N	Y		NA	NA	0.41 J	NA	NA	NA	
SW in D23	21.7	SW-B39(15.5-16.0)	677665.3	607055.8	7.3	6.8	14.4	14.9	MSA-SW*	0	JD17885-14	JD17885	12/16/2020	Remaining	N	SO	N	Y		NA	NA	< 0.74 U	NA	NA	NA	
SW in D23	21.7	SW-B39(16.0-16.5)	677663.0	607057.6	5.4	4.9	16.3	16.8	MSA-SW*	0	JD17885-7	JD17885	12/16/2020	Remaining	N	SO	N	Y		NA	NA	< 0.62 U	NA	NA	NA	
SW in C24	21.3	SW-B40(0.0-0.5)	677699.3	607062.4	21.1	20.6	0.2	0.7	MSA-SW	0	JD17304-4	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	0.44 J	NA	NA	NA	
SW in C24	21.3	SW-B40(0.0-0.5)	677699.3	607062.4	21.1	20.6	0.2	0.7	MSA-SW	0	JD17304-4R	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	0.51	NA	NA	NA	
SW in D24	21.1	SW-B40(2.0-2.5)	677696.9	607064.5	19.1	18.6	2.0	2.5	MSA-SW	56	JD17650-9	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	1.3	NA	NA	NA	
SW in D24	21.1	SW-B40(2.0-2.5)	677696.9	607064.5	19.1	18.6	2.0	2.5	MSA-SW	56	JD17650-9R	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	8.1	NA	NA	NA	
SW in D24	21.1	SW-B40(4.0-4.5)	677694.3	607067.1	17.1	16.6	4.0	4.5	MSA-SW	0	JD17304-6	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	0.97	NA	NA	NA	
SW in D24	21.1	SW-B40(4.0-4.5)	677694.3	607067.1	17.1	16.6	4.0	4.5	MSA-SW	0	JD17304-6R	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in D24	23.1	SW-B40(7.5-8.0)	677692.1	607069.6	15.2	14.7	7.9	8.4	MSA-SW	0	JD17885-2	JD17885	12/15/2020	Remaining	N	SO	Y	Y		NA	NA	0.65	NA	NA	NA	
SW in D24	23.1	SW-B40(7.5-8.0)	677692.1	607069.6	15.2	14.7	7.9	8.4	MSA-SW	0	JD17885-6	JD17885	12/15/2020	Remaining	FD	SO	Y	Y		NA	NA	< 0.44 U	NA	NA	NA	
SW in D24	21.2	SW-B40(8.0-8.5)	677689.7	607071.9	13.2	12.7	8.0	8.5	MSA-SW	0	JD17650-2	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	1.4	NA	NA	NA	
SW in D24	21.2	SW-B40(8.0-8.5)	677689.7	607071.9	13.2	12.7	8.0	8.5	MSA-SW	0	JD17650-2R	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	2.3	NA	NA	NA	
SW in D24	21.9	SW-B40(10.0-10.5)	677686.9	607074.1	11.3	10.8	10.6	11.1	MSA-SW	0	JD17650-3	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	0.62	NA	NA	NA	
SW in D24	21.9	SW-B40(10.0-10.5)	677686.9	607074.1	11.3	10.8	10.6	11.1	MSA-SW	0	JD17650-3R	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	0.93	NA	NA	NA	
SW in D24	21.3	SW-B40(12.0-12.5)	677685.2	607076.0	9.4	8.9	11.9	12.4	MSA-SW*	0	JD17885-3	JD17885	12/15/2020	Remaining	N	SO	N	Y		NA	NA	1.8	NA	NA	NA	
SW in D24	20.8	SW-B40(14.0-14.5)	677683.9	607077.8	7.6	7.1	13.2	13.7	MSA-SW*	0	JD17885-4	JD17885	12/15/2020	Remaining	N	SO	N	Y		NA	NA	< 0.52 U	NA	NA	NA	
SW in D24	20.8	SW-B40(16.0-16.5)	677683.3	607078.7	5.2	4.7	15.6	16.1	MSA-SW*	0	JD18055-8	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	< 0.51 U	NA	NA	NA	
SW in D24	20.8	SW-B40(16.0-16.5)	677683.3	607078.7	5.2	4.7	15.6	16.1	MSA-SW*	0	JD18055-8R	JD18055	12/21/2020	Remaining	N	SO	N	Y		NA	NA	< 0.51 U	NA	NA	NA	
SW in D25	21.0	SW-B41(0.0-0.5)	677716.8	607086.0	21.0	20.5	0.0	0.5	MSA-SW	0	JD17304-1	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.49 U	NA	NA	NA	
SW in D25	21.0	SW-B41(0.0-0.5)	677716.8	607086.0	21.0	20.5	0.0	0.5	MSA-SW	0	JD17304-1R	JD17304	12/7/2020	Remaining	N	SO	Y	Y		NA	NA	0.65	NA	NA	NA	
SW in D25	20.8	SW-B41(2.0-2.5)	677713.9	607087.7	18.8	18.3	2.0	2.5	MSA-SW	29	JD17650-10	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	0.66	NA	NA	NA	

Table 3
Hexavalent Chromium and CCPW Metals for In-Place AOC-1B Soil
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

As-Built Post Excavation Samples											Post Excavation Samples Laboratory References								Post Excavation Samples Laboratory Results							
Location ID (G1)	Location Elevation (NAVD 88; G2)	Sample ID (G3)	Northing (NAD 83; G4)	Easting (NAD 83; G5)	Sample Start Elevation (NAVD 88; G6)	Sample End Elevation (NAVD 88; G7)	Sample Start Depth (ft BGS; G8)	Sample End Depth (ft BGS; G9)	Sample Location (G10)	Number of COPR Nodules (G11)	Lab ID (G12)	Lab SDG (G13)	Date Collected (G14)	Sample Status (G15)	Sample Type (G16)	Matrix (G17)	Unsaturated Zone (G18)	Validated (G19)	Parameter Name	Antimony	Chromium	Chromium VI	Nickel	Thallium	Vanadium	Notes
																			CAS Number	7440-36-0	7440-47-3	18540-29-9	7440-02-0	7440-28-0	7440-62-2	
																			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
																			RDCSRS	31	NA	NA	1600	NA	NA	
																			CrSCC (G20)	NA	120000	20	NA	NA	NA	
																			IGWSSL (G21)	6	NA	NA	NA	3	NA	
																			IGWSRS (G21)	NA	NA	NA	855	NA	NA	
																			SSSRS (G20)	NA	NA	NA	NA	NA	390	
SW in D25	20.8	SW-B41(2.0-2.5)	677713.9	607087.7	18.8	18.3	2.0	2.5	MSA-SW	29	JD17650-10R	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in D25	20.7	SW-B41(4.0-4.5)	677711.7	607091.1	16.7	16.2	4.0	4.5	MSA-SW	8	JD17650-11	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in D25	20.7	SW-B41(4.0-4.5)	677711.7	607091.1	16.7	16.2	4.0	4.5	MSA-SW	8	JD17650-11R	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	0.51	NA	NA	NA	
SW in D25	21.1	SW-B41(6.0-6.5)	677708.6	607093.7	14.6	14.1	6.6	7.1	MSA-SW	0	JD17335-6	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.47 U	NA	NA	NA	
SW in D25	21.1	SW-B41(6.0-6.5)	677708.6	607093.7	14.6	14.1	6.6	7.1	MSA-SW	0	JD17335-6R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	0.44 J	NA	NA	NA	
SW in D25	21.1	SW-B41(6.0-6.5)	677708.6	607093.7	14.6	14.1	6.6	7.1	MSA-SW	0	JD17335-18	JD17335	12/8/2020	Remaining	FD	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in D25	21.1	SW-B41(6.0-6.5)	677708.6	607093.7	14.6	14.1	6.6	7.1	MSA-SW	0	JD17335-18R	JD17335	12/8/2020	Remaining	FD	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in D25	20.8	SW-B41(8.0-8.5)	677705.9	607097.0	13.0	12.5	7.8	8.3	MSA-SW	0	JD17335-5	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.48 UJ	NA	NA	NA	
SW in D25	20.8	SW-B41(8.0-8.5)	677705.9	607097.0	13.0	12.5	7.8	8.3	MSA-SW	0	JD17335-5R	JD17335	12/8/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.49 UJ	NA	NA	NA	
SW in D25	20.7	SW-B41(9.0-9.5)	677704.5	607098.5	12.4	11.9	8.3	8.8	MSA-SW	4	JD17650-5	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.48 U	NA	NA	NA	
SW in D25	20.7	SW-B41(9.0-9.5)	677704.5	607098.5	12.4	11.9	8.3	8.8	MSA-SW	4	JD17650-5T	JD17650	12/11/2020	Remaining	N	SO	Y	Y		NA	NA	2.7	NA	NA	NA	
SW in D26	20.8	SW-B42(0.0-0.5)	677727.7	607113.9	20.8	20.3	0.0	0.5	MSA-SW	0	JD17176-3	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.42 U	NA	NA	NA	
SW in D26	20.8	SW-B42(0.0-0.5)	677727.7	607113.9	20.8	20.3	0.0	0.5	MSA-SW	0	JD17176-3R	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.44 U	NA	NA	NA	
SW in D26	20.8	SW-B42(2.0-2.5)	677725.2	607116.0	18.8	18.3	2.0	2.5	MSA-SW	0	JD17176-4	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in D26	20.8	SW-B42(2.0-2.5)	677725.2	607116.0	18.8	18.3	2.0	2.5	MSA-SW	0	JD17176-4R	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in D26	20.6	SW-B42(4.0-4.5)	677722.9	607118.6	16.6	16.1	4.0	4.5	MSA-SW	0	JD17176-5	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in D26	20.6	SW-B42(4.0-4.5)	677722.9	607118.6	16.6	16.1	4.0	4.5	MSA-SW	0	JD17176-5R	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA	
SW in D26	20.5	SW-B42(6.0-6.5)	677720.3	607121.8	14.5	14.0	6.0	6.5	MSA-SW	0	JD17176-6	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in D26	20.5	SW-B42(6.0-6.5)	677720.3	607121.8	14.5	14.0	6.0	6.5	MSA-SW	0	JD17176-6R	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	0.46	NA	NA	NA	
SW in D26	20.8	SW-B42(8.0-8.5)	677717.6	607124.5	12.8	12.3	8.0	8.5	MSA-SW	0	JD17176-7	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in D26	20.8	SW-B42(8.0-8.5)	677717.6	607124.5	12.8	12.3	8.0	8.5	MSA-SW	0	JD17176-7R	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.48 U	NA	NA	NA	
SW in E26	20.5	SW-B42(9.0-9.5)	677716.4	607126.1	12.5	12.0	8.0	8.5	MSA-SW	0	JD17176-8	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	0.94	NA	NA	NA	
SW in E26	20.5	SW-B42(9.0-9.5)	677716.4	607126.1	12.5	12.0	8.0	8.5	MSA-SW	0	JD17176-8R	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA	
SW in E27	20.0	SW-B43(6.0-6.5)	677729.0	607144.7	15.0	14.5	5.0	5.5	MSA-SW	0	JD17176-1	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.46 UJ	NA	NA	NA	
SW in E27	20.0	SW-B43(6.0-6.5)	677729.0	607144.7	15.0	14.5	5.0	5.5	MSA-SW	0	JD17176-1R	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	1.3 J	NA	NA	NA	
SW in E26	20.5	SW-B43(8.0-8.5)	677724.3	607145.5	12.5	12.0	8.0	8.5	MSA-SW	0	JD17176-2	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	< 0.47 U	NA	NA	NA	
SW in E26	20.5	SW-B43(8.0-8.5)	677724.3	607145.5	12.5	12.0	8.0	8.5	MSA-SW	0	JD17176-2R	JD17176	12/4/2020	Remaining	N	SO	Y	Y		NA	NA	0.58	NA	NA	NA	
C22	21.3	107_K036	677652.2	607007.2	21.3	20.8	0.0	0.5	MSA-RI/SI	0	460-22465-7	460224651	1/25/2011	Remaining	N	SO	Y	Y		< 2.1 U	9.0	0.61 J	16.4	< 2.1 U	37.6	
C22	21.3	107_K036	677652.2	607007.2	17.8	17.3	3.5	4.0	MSA-RI/SI	0	460-22465-8	460224651	1/25/2011	Remaining	N	SO	Y	Y		1.2 J	27.8	< 2.5 U	28.0	< 2.5 U	82.5	
C22	21.3	107_K036	677652.2	607007.2	13.8	13.3	7.5	8.0	MSA-RI/SI	0	460-22465-9	460224651	1/25/2011	Remaining	N	SO	Y	Y		< 2.3 U	18.2	< 2.3 U	29.6	< 2.3 U	19.9	
C24	22.0	107_K038	677695.4	607048.7	22.0	21.5	0.0	0.5	MSA-RI/SI	0	460-22506-12	460225061	1/26/2011	Remaining	N	SO	Y	Y		< 2.2 U	17.1	< 2.3 U	18.4	< 2.2 U	28.8	
C24	22.0	107_K038	677695.4	607048.7	18.5	18.0	3.5	4.0	MSA-RI/SI	0	460-22506-13	460225061	1/26/2011	Remaining	N	SO	Y	Y		1.2 J	32.6	< 2.4 U	31.6	< 2.2 U	78.3	
C24	22.0	107_K038	677695.4	607048.7	14.5	14.0	7.5	8.0	MSA-RI/SI	0	460-22506-14	460225061	1/26/2011	Remaining	N	SO	Y	Y		< 2.4 U	21.7	< 2.4 U	33.5	< 2.4 U	23.1	
C24	22.0	107_K038	677695.4	607048.7	10.5	10.0	11.5	12.0	MSA-RI/SI	0	460-22506-15	460225061	1/26/2011	Remaining	N	SO	Y	Y		< 2.3 U	20.2	< 2.3 U	21.2	< 2.3 U	28.3	
C24	22.0	107_K038	677695.4	607048.7	6.5	6.0	15.5	16.0	MSA-RI/SI	0	460-22506-16	460225061	1/26/2011	Remaining	N	SO	N	Y		< 2.7 U	13.0	< 2.8 U	13.9	< 2.7 U	12.6 J	
C24	22.0	107_K038	677695.4	607048.7	5.5	5.0	16.5	17.0	MSA-RI/SI	0	460-22506-17	460225061	1/26/2011	Remaining	N	SO	N	Y		< 2.7 U	15.2	< 2.8 U	28.2	< 2.7 U	20.1	
C24	22.0	107_K038	677695.4	607048.7	1.5	1.0	20.5	21.0	MSA-RI/SI	0	460-22506-18	460225061	1/26/2011	Remaining	N	SO	N	Y		< 2.3 U	9.3	< 2.5 U	12.0	< 2.3 U	14.1	
C24	22.0	107_K038	677695.4	607048.7	-2.5	-3.0	24.5	25.0	MSA-RI/SI	0	460-22506-19	460225061	1/26/2011	Remaining	N	SO	N	Y		< 2.3 U	13.8	< 2.3 U	16.8	< 2.3 U	18.8	
C26	21.3	107_K040	677738.7	607090.2	21.3	20.8	0.0	0.5	MSA-RI/SI	0	460-22506-20	460225061	1/26/2011	Remaining	N	SO	Y	Y		< 2.1 U	6.3	< 2.2 U	12.1	< 2.1 U	22.4	
C26	21.3	107_K040	677738.7	607090.2	17.8	17.3	3.5	4.0	MSA-RI/SI	0	460-22506-21	460225061	1/26/2011	Remaining	N	SO	Y	Y		1.3 J	36.7	< 2.3 U	29.8	< 2.2 U	80.4	
C26	21.3	107_K040	677738.7	607090.2	13.8	13.3	7.5	8.0	MSA-RI/SI	0	460-22506-22	460225061	1/26/2011	Remaining	N	SO	Y	Y		1.5 J	581	7.5	28.7	< 2.3 U	23.2	
C26	21.3	107_K040	677738.7	607090.2	9.8	9.3	11.5	12.0	MSA-RI/SI	0	460-22506-23	460225061	1/26/2011	Remaining	N	SO	Y	Y		< 2.4 U	24.0	< 2.5 U	56.8	< 2.4 U	23.0	
C26	21.3	107_K040	677738.7	607090.2	5.3	4.8	16.0	16.5	MSA-RI/SI	0	460-22506-24	460225061	1/26/2011	Remaining	N	SO	N	Y		4.4	65.6	< 2.8 U	63.5	< 2.8 U	67.2	
C26	21.3	107_K040	677738.7	607090.2	1.3	0.8	20.0	20.5	MSA-RI/SI	0	460-22506-25	460225061	1/26/2011	Remaining	N	SO	N	Y		< 2.4 U	15.2	< 2.4 U	8.6 J	< 2.4 U	21.6	
C26	21.3	107_K040	677738.7	607090.2	-2.7	-3.2	24.0	24.5	MSA-RI/SI	0	460-22506-26	460225061	1/26/2011	Remaining	N	SO	N	Y		< 2.1 U	14.1	< 2.2 U	13.6	< 2.1 U	17.5	
C28	21.1	107_K042	677782.0	607131.5	21.1	20.6	0.0	0.5	MSA-RI/SI	0	460-22560-22	460225601	1/28/2011	Remaining	N	SO	Y	Y		< 2.1 U	7.8	8.2	20.8	< 2.1 U	28.9	
C28	21.1	107_K042	677782.0	607131.5	17.6	17.1	3.5	4.0	MSA-RI/SI	0	460-22560-23	460225601	1/28/2011	Remaining	N	SO	Y	Y		2.6	44.8	< 2.3 U	17.7	< 2.2 U	55.9	
C28	21.1	107_K042	677782.0	607131.5	13.6	13.1	7.5	8.0	MSA-RI/SI	0	460-22560-24	460225601	1/28/2011	Remaining	N	SO	Y	Y		< 2.3 U	21.3	< 2.4 U	45.7	< 2.3 U	24.3	
C28	21.1	107_K042	677782.0	607131.5	9.6	9.1	11.5	12.0	MSA-RI/SI	0	460-22560-25	460225601	1/28/2011	Remaining	N	SO	Y	Y		< 2.2 U	37.6	< 2.4 U	15.7	< 2.2 U	31.3	
C28	21.1	107_K042	677782.0	607131.5	6.1	5.6	15.0	15.5	MSA-RI/SI	0	460-22560-26	460225601	1/28/2011	Remaining	N	SO	N	Y		< 2.7 U	10.2	< 2.7 U	47.6	< 2.7 U	17.7	
C28	21.1	107_K042	677782.0	607131.5	2.1	1.6	19.0	19.5	MSA-RI/SI	0	460-22560-27	460225601	1/28/2011	Remaining	N	SO	N	Y		< 2.4 U	13.1	< 2.4 U	12.2	< 2.4 U	15.8	
C28	21.1	107_K042	677782.0	607131.5	-1.9	-2.4	23.0	23.5	MSA-RI/SI	0	460-22560-28	460225601	1/28/2011	Remaining	N	SO	N	Y		< 2.2 U	13.3	< 2.3 U	11.9	< 2.2 U	20.4	
C30	20.8	107_K044	677825.4	607173.1	20.8	20.3	0.0	0.5	MSA-RI/SI	0	460-22638-18	460226381	1/31/2011	Remaining	N	SO	Y	Y		1.2 J	6.4	< 2.2 U	9.9	< 2.1 U	30.3	
C30	20.8	107_K044	677825.4	607173.1	17.3	16.8	3.5	4.0	MSA-RI/SI	0	460-22638-19	460226381	1/31/2011	Remaining	N	SO	Y	Y		< 2.4 U	33.1	< 2.4 U	16.2	< 2.4 U	25.8	
C30	20.8	107_K044	677825.4	607173.1	13.3	12.8	7.5	8.0	MSA-RI/SI	0	460-22638-20	460226381	1/31/2011	Remaining	N	SO	Y	Y		< 2.3 U	22.1	< 2.3 U	45.1	< 2.3 U	20.1	
C30	20.8	107_K044	677825.4	607173.1	9.3	8.8	11.5	12.0	MSA-RI/SI	0	460-22638-21	460226381	1/31/2011	Remaining	N	SO	N	Y		< 2.2 U	68.0	< 2.2 U	25.8	< 2.2 U	34.6	
C30	20.8	107_K044	677825.4	607173.1	6.3	5.8	14.5	15.0	MSA-RI/SI	0	460-22638-22	460226381	1/31/2011	Remaining	N	SO	N	Y		< 2.4 U	21.7	< 2.5 U	57.9	< 2.4 U	23.9	
C30	20.8	107_K044	677825.4	607173.1	2.3	1.8	18.5	19.0	MSA-RI/SI	0	460-22638-23	460226381	1/31/2011	Remaining	N	SO	N	Y		< 2.4 U	14.6	< 2.5 U	12.5	< 2.4 U	27.7	
C30	20.8	107_K044	677825.4	607173.1	-1.7	-2.2	22.5	23.0	MSA-RI/SI	0	460-22638-24	460226381	1/31/2011	Remaining	N	SO	N	Y		< 2.1 U	16.9	< 2.3 U	13.9	< 2.1 U	26.3	
C32	19.9	107_K046	677868.7	607214.6	19.9	19.4	0.0	0.5	MSA-RI/SI	0	460-22638-25	460226381	1/31/2011	Remaining	N	SO	Y	Y		< 2.3 U	28.2	< 2.4 U	32.5	< 2.3 U	153	
C32	19.9	107_K046	677868.7	607214.6	16.4	15.9	3.5	4.0	MSA-RI/SI	0	460-22638-26	460226381	1/31/2011	Remaining	N	SO	Y	Y		< 2.3 U	32.3	< 2.4 U	35.9	< 2.3 U	147	
C32	19.9	107_K046	677868.7	607214.6	8.4	7.9	11.5	12.0	MSA-RI/SI	0	460-22638-27	460226381	1/31/2011	Remaining	N	SO	N	Y		1.7 J	46.1	< 3.1 U	38.7	< 3.1 U	27.8	
C32	19.9	107_K046	677868.7	607214.6	4.4	3.9	15.5	16.0	MSA-RI/SI	0	460-22638-28	460226381	1/31/2011	Remaining	N	SO	N	Y		< 3.2 U	15.8	< 3.3 U	12.0 J	< 3.2 U	24.3	
C32	19.9	107_K046	677868.7	607214.6	0.4	-0.1	19.5	20.0	MSA-RI/SI	0	460-22638-29	460226381	1/31/2011	Remaining	N	SO	N	Y		< 2.3 U	24.5	< 2.4 U	15.7	< 2.3 U	35.3	
A22	18.7	107_M036	677693.7	606964.0	18.7	18.2	0.0	0.5	MSA-RI/SI	0	460-22948-13	460229481	2/9/2011	Remaining	N	SO	Y	Y		< 2.3 U	28.4	< 2.3 U	25.7	< 2.3 U	78.4	
A22	18.7	107_M036	677693.7	606964.0	15.2	14.7	3.5	4.0	MSA-RI/SI	0	460-22948-14	460229481	2/9/2011	Remaining	N	SO	Y	Y		2.2 J	58.9	< 2.4 U	29.2	< 2.3 U	102	
A22	18.7	107_M036	677693.7	606964.0	11.2	10.7	7.5	8.0	MSA-RI/SI	0	460-22948-15	460229481	2/9/2011	Remaining	N	SO	Y	Y		2.4	42.3	1.0 J	15.6	< 2.4 U	26.8	
A22	18.7	107_M036	677693.7	606964.0	10.2	9.7	8.5	9.0	MSA-RI/SI	0	460-22948-16	460229481	2/9/2011	Remaining	N	SO	Y	Y		< 2.1 U	26.4	< 2.2 U	16.4	< 2.1 U	25.7	
A22	18.7	107_M036	677693.7	606964.0	6.2	5.7	12.5	13.0	MSA-RI/SI	0	460-22948-17	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.2 U	17.0	< 2.3 U	14.2	< 2.2 U	24.8	
A22	18.7	107_M036	677693.7	606964.0	2.2	1.7	16.5	17.0	MSA-RI/SI	0	460-22948-18	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.2 U	18.3	< 2.3 U	18.0	< 2.2 U	25.5	
B24	18.5	107_M038	677734.8	607007.9	18.5	18.0	0.0	0.5	MSA-RI/SI	0	460-22948-1	460229481	2/9/2011	Remaining	N	SO	Y	Y		1.4 J	26.9	< 2.6 U	25.8	< 2.5 U	81.2	
B24	18.5	107_M038	677734.8	607007.9	15.0	14.5	3.5	4.0	MSA-RI/SI	0	460-22948-2	460229481	2/9/2011	Remaining	N	SO	Y	Y		< 2.3 U	1030	0.66 J	129	< 2.3 U	230	
B24	18.5	107_M038	677734.8	607007.9	10.5	10.0	8.0	8.5	MSA-RI/SI	0	460-22948-3	460229481	2/9/2011	Remaining	N	SO	Y	Y		< 2.1 U	35.4	< 2.2 U	25.1	< 2.1 U	24.8	
B24	18.5	107_M038	677734.8	607007.9	6.5	6.0	12.0	12.5	MSA-RI/SI	0	460-22948-4	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.1 U	16.2	< 2.1 U	13.1	< 2.1 U	20.6	
B24	18.5	107_M038	677734.8	607007.9	2.5	2.0	16.0	16.5	MSA-RI/SI	0	460-22948-5	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.4 U	12.5	< 2.4 U	12.9	< 2.4 U	20.5	
B26	18.0	107_M040	677777.2	607050.3	18.0	17.5	0.0	0.5	MSA-RI/SI	0	460-22948-38	460229481	2/9/2011	Remaining	N	SO	Y	Y		1.1 J	27.2	< 2.6 U	27.1	< 2.5 U	86.3	

Table 3
Hexavalent Chromium and CCPW Metals for In-Place AOC-1B Soil
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

As-Built Post Excavation Samples											Post Excavation Samples Laboratory References								Post Excavation Samples Laboratory Results							
Location ID (G1)	Location Elevation (NAVD 88; G2)	Sample ID (G3)	Northing (NAD 83; G4)	Easting (NAD 83; G5)	Sample Start Elevation (NAVD 88; G6)	Sample End Elevation (NAVD 88; G7)	Sample Start Depth (ft BGS; G8)	Sample End Depth (ft BGS; G9)	Sample Location (G10)	Number of COPR Nodules (G11)	Lab ID (G12)	Lab SDG (G13)	Date Collected (G14)	Sample Status (G15)	Sample Type (G16)	Matrix (G17)	Unsaturated Zone (G18)	Validated (G19)	Parameter Name	Antimony	Chromium	Chromium VI	Nickel	Thallium	Vanadium	Notes
																			CAS Number	7440-36-0	7440-47-3	18540-29-9	7440-02-0	7440-28-0	7440-62-2	
																			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
																			RDCSRS	31	NA	NA	1600	NA	NA	
																			CrSCC (G20)	NA	120000	20	NA	NA	NA	
																			IGWSSL (G21)	6	NA	NA	NA	3	NA	
																			IGWSRS (G21)	NA	NA	NA	855	NA	NA	
																			SSSRS (G20)	NA	NA	NA	NA	NA	390	
B26	18.0	107_M040	677777.2	607050.3	14.5	14.0	3.5	4.0	MSA-RI/SI	0	460-22948-39	460229481	2/9/2011	Remaining	N	SO	Y	Y		1.3 J	53.6	< 2.4 U	22.4	< 2.3 U	36.7	
B26	18.0	107_M040	677777.2	607050.3	10.5	10.0	7.5	8.0	MSA-RI/SI	0	460-22948-40	460229481	2/9/2011	Remaining	N	SO	Y	Y		**14.7**	948	< 2.2 U	44.6	< 2.1 U	49.2	Antimony exceedance of IGWSSL in unsaturated zone addressed via compliance averaging.
B26	18.0	107_M040	677777.2	607050.3	9.5	9.0	8.5	9.0	MSA-RI/SI	0	460-22948-41	460229481	2/9/2011	Remaining	N	SO	N	Y		1.2 J	273	< 2.3 U	28.1	< 2.2 U	34.3	
B26	18.0	107_M040	677777.2	607050.3	5.5	5.0	12.5	13.0	MSA-RI/SI	0	460-22948-42	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.5 U	11.4	< 2.7 U	11.2	< 2.5 U	16.9	
B26	18.0	107_M040	677777.2	607050.3	1.5	1.0	16.5	17.0	MSA-RI/SI	0	460-22948-43	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.2 U	11.0	< 2.3 U	6.4 J	< 2.2 U	19.3	
B28	17.9	107_M042	677819.2	607093.3	17.4	16.9	0.5	1.0	MSA-RI/SI	0	460-22948-32	460229481	2/9/2011	Remaining	N	SO	Y	Y		1.2 J	40.4	0.79 J	39.6	< 2.4 U	81.5	
B28	17.9	107_M042	677819.2	607093.3	14.4	13.9	3.5	4.0	MSA-RI/SI	0	460-22948-33	460229481	2/9/2011	Remaining	N	SO	Y	Y		1.0 J	48.2	< 2.3 U	16.8	< 2.3 U	25.1	
B28	17.9	107_M042	677819.2	607093.3	10.4	9.9	7.5	8.0	MSA-RI/SI	0	460-22948-34	460229481	2/9/2011	Remaining	N	SO	Y	Y		**7.2**	58.8	< 2.4 U	45.9	< 2.3 U	30.8	Antimony exceedance of IGWSSL in unsaturated zone addressed via compliance averaging.
B28	17.9	107_M042	677819.2	607093.3	9.4	8.9	8.5	9.0	MSA-RI/SI	0	460-22948-35	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.1 U	40.5	< 2.2 U	21.7	< 2.1 U	24.5	
B28	17.9	107_M042	677819.2	607093.3	5.4	4.9	12.5	13.0	MSA-RI/SI	0	460-22948-36	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.3 U	13.4	< 2.4 U	10.4	< 2.3 U	21.4	
B28	17.9	107_M042	677819.2	607093.3	1.4	0.9	16.5	17.0	MSA-RI/SI	0	460-22948-37	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.4 U	14.7	< 2.5 U	12.4	< 2.4 U	23.1	
B30	17.1	107_M044	677862.5	607135.0	16.6	16.1	0.5	1.0	MSA-RI/SI	0	460-22948-27	460229481	2/9/2011	Remaining	N	SO	Y	Y		< 2.5 U	22.0	< 2.5 U	25.0	< 2.5 U	96.4	
B30	17.1	107_M044	677862.5	607135.0	13.6	13.1	3.5	4.0	MSA-RI/SI	0	460-22948-28	460229481	2/9/2011	Remaining	N	SO	Y	Y		< 2.2 U	30.2	< 2.3 U	18.9	< 2.2 U	25.9	
B30	17.1	107_M044	677862.5	607135.0	9.6	9.1	7.5	8.0	MSA-RI/SI	0	460-22948-29	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.3 U	110	< 2.4 U	48.6	< 2.3 U	27.7	
B30	17.1	107_M044	677862.5	607135.0	5.6	5.1	11.5	12.0	MSA-RI/SI	0	460-22948-30	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.3 U	14.5	< 2.4 U	11.5	< 2.3 U	23.0	
B30	17.1	107_M044	677862.5	607135.0	1.6	1.1	15.5	16.0	MSA-RI/SI	0	460-22948-31	460229481	2/9/2011	Remaining	N	SO	N	Y		< 2.2 U	14.1	< 2.4 U	11.4	< 2.2 U	24.6	
B32	18.5	107_M046	677905.5	607176.7	18.5	18.0	0.0	0.5	MSA-RI/SI	0	460-22912-18	460229121	2/8/2011	Remaining	N	SO	Y	Y		1.4 J	34.2	< 2.5 U	39.8	< 2.4 U	64.3	
B32	18.5	107_M046	677905.5	607176.7	15.0	14.5	3.5	4.0	MSA-RI/SI	0	460-22912-19	460229121	2/8/2011	Remaining	N	SO	Y	Y		1.4 J	28.3	5.2	15.3	< 2.2 U	23.1	
B32	18.5	107_M046	677905.5	607176.7	10.5	10.0	8.0	8.5	MSA-RI/SI	0	460-22912-20	460229121	2/8/2011	Remaining	N	SO	Y	Y		**10.1**	144	< 2.4 U	50.1	< 2.4 U	71.3	Antimony exceedance of IGWSSL in unsaturated zone addressed via compliance averaging.
B32	18.5	107_M046	677905.5	607176.7	6.5	6.0	12.0	12.5	MSA-RI/SI	0	460-22912-21	460229121	2/8/2011	Remaining	N	SO	N	Y		< 2.3 U	13.4	< 2.4 U	11.4	< 2.3 U	20.2	
B32	18.5	107_M046	677905.5	607176.7	2.5	2.0	16.0	16.5	MSA-RI/SI	0	460-22912-22	460229121	2/8/2011	Remaining	N	SO	N	Y		< 2.8 U	15.5	< 2.8 U	11.4	< 2.8 U	26.0	

Table 3
Hexavalent Chromium and CCPW Metals for In-Place AOC-1B Soil
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

Notes:

G1. “Location Identification (ID)” refers to the location name where samples were collected.
-"SW" refers to sidewall

G2. “Location Elevation” refers to the pre-remediation ground surface elevation for samples collected via boring or post excavation. Elevation is presented in North American Vertical Datum of 1988 (NAVD 88).

G3. “Sample ID” refers to the name of a sample collected at a given location.
-"MSA" refers to material staging area
-"SW" refers to sidewall

G4. "Northing" is presented in New Jersey State Plane Coordinate System North American Datum of 1983 (NAD 83).

G5. "Easting" is presented in New Jersey State Plane Coordinate System North American Datum of 1983 (NAD 83).

G6. “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. Elevation is presented in NAVD 88.

G7. “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. Elevation is presented in NAVD 88.

G8. “Sample Start Depth” refers to the start of the sample interval. There may be up to 0.1 ft variation between the listed Sample Start Depth and the depth calculated using the Location Elevation and Depth Interval due to rounding of the numbers. Depth is presented in feet below ground surface (ft BGS).

G9. “Sample End Depth” refers to the end of the sample interval. There may be up to 0.1 ft variation between the listed Sample End Depth and the depth calculated using the Location Elevation and Depth Interval due to rounding of the numbers. Depth is presented in ft BGS.

G10. "Sample Location" refers to the location where the sample was collected as described below:
-"MSA-SB" refers to samples collected via vertical soil borings advanced within the material staging area.
-"MSA-SW" refers to soil along the material staging area sidewall that abuts the Vanadium Only Area.
-"MSA-SW*" refers to deeper sidewall samples that were collected via angled borings due to the sidewall sample location being inaccessible.
-"MSA-RI/SI" indicates historical sample data representative of material in the Vanadium Only Area.

G11. "Number of COPR Nodules" refers to the amount of chromite ore processing residue present in the sample (December 2020 sampling event only; COPR nodules were not counted in earlier samples). When samples contained too numerous nodules to count, this number was given as a percentage of the total sample volume.

G12. “Lab ID” refers to the identification number assigned to the sample by the analytical laboratory performing the sample analysis.

G13. “Lab Sample Delivery Group (SDG)” refers to the delivery group number assigned to the sample by the analytical laboratory.

G14. “Date Collected” refers to the date the soil sample was collected.

G15. “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.
- "Removed" indicates the sample was removed during remedial excavation.

G16. “Sample Type” indicates sample type.
- "N" indicates Normal.
- "F" indicates Field Duplicate.

G17. "Matrix" indicates the soil matrix of the sample.
- "SO" refers to a soil sample.

G18. "Unsaturated Zone" refers to all material above 9.5 feet NAVD 88 as observed during implementation of the Site 107 remedial action.
- "Y" indicates that the sample is located within the "Unsaturated Zone"
- "N" indicates that the sample is located within the "Saturated Zone"

G19. "Validated" indicates status of validation.
-"Y" indicates that a sample underwent data validation.

G20. Shaded text indicates that the result exceeds the "Chromium Soil Cleanup Criteria (CrSCC) or Site Specific Soil Remediation Standard (SSSRS)." Non-shaded text indicates that the result does not exceed the CrSCC or SSSRS.

G21. Bold text indicates that the result exceeds the Impact to Groundwater Soil Screening Level (IGWSSL) or IGW Soil Remediation Standard (IGWSRS) within the "Unsaturated Zone." Non-bold text indicates that the result does not exceed the IGWSSL or IGWSRS. IGWSSL and IGWSRS are not applicable in the "Saturated Zone."

G22. Results are reported in milligram per kilogram (mg/kg).

G23. Sample IDs associated with Sidewalls (SW) include sample depths that may vary from the Sample Start Depth and Sample End Depths. Sample IDs were pre-established assuming a vertical/shear wall; however, actual sample locations were collected on a slope that was surveyed by a professional land surveyor in the State of New Jersey.

G24. NA refers to Not Applicable.

G25. Qualifiers refer to the data qualifier assigned by the data validation team reviewing the data from the laboratory.

U	The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
J	The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
UJ	The analyte was not detected above the reporting limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.
RA	The result was rejected due to deficiencies but is considered usable for decision making-purposes.