

Tables

Table 1
Regulatory Cross Reference Table
Remedial Action Report
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

N.J.A.C. 7:26E (last amended August 6, 2018) and 7:26C (last amended August 6, 2018) regulations are the primary source of Remedial Action Report (RAR) requirements. This document is not to be used as a replacement for the Technical Regulations

N.J.A.C. 7:26E- 5.7	Remedial Action Report Requirements	Location
5.7(a)	The person responsible for conducting the remediation shall implement the remedial action and submit to the Department a remedial action report, along with a form found on the Department's website at www.nj.gov/dep/srp/srra/forms , pursuant to (b) below, and according to the applicable regulatory timeframe in N.J.A.C. 7:26E-5.8.	throughout
5.7(b)	The person responsible for conducting the remediation shall present and discuss in the remedial action report all of the information identified or collected pursuant to N.J.A.C. 7:26E-5.1 through 5.6, along with all of the following:	throughout
5.7(b) 1	The general reporting requirements in N.J.A.C. 7:26E-1.6;	see below
1.6(a) 1	Submit all documents, forms, spreadsheets and worksheets required in this chapter;	The Cover/Certification Form is included with the Site Remediation Program Forms. Section G will be signed with submittal of the Final RAR. The paper Remedial Action Report form is no longer accepted and is intended for work conducted under the Licensed Site Remediation Professional Program. As this work is being conducted under direct oversight and not being submitted online, no Remedial Action Report form is included.
1.6(a) 2	Certify and have the licensed site remediation professional certify, pursuant to N.J.A.C. 7:26C-1.5, all forms and documents prepared to pursuant to this chapter;	Regulatory Forms
1.6(a) 3	Submit a completed case inventory document (CID) worksheet available on the Department's website at www.nj.gov/dep/srp/srra/forms at the front of each remedial phase workplan and report required by this chapter, except for a preliminary assessment report where no areas of concern were identified;	Regulatory Forms
1.6(a) 4	Submit a quality assurance project plan (QAPP) prepared pursuant to N.J.A.C. 7:26E-2.2 with each remedial phase workplan and report required by this chapter, except for a preliminary assessment report and remedial action report;	Not Applicable for this Remedial Action Report
1.6(a) 5	Except where a final remediation document for unrestricted use is filed with the Department within one year after the earliest applicable trigger to remediate listed in N.J.A.C. 7:26C-2.2, submit all sampling data electronically in a summary table using the format outlined in the Site Remediation Program's "Electronic Data Interchange Manual," available at www.nj.gov/dep/srp/hazsite/docs/ , in effect as of the date the document is submitted and include items described in subsections 1.6(a) 5.i-iii of Tech Reg.	Electronic data deliverable provided to NJDEP for data used to document compliance with remedial action goals; receipts of submittal included in Appendix C-2
1.6(a) 6	Submit a geographic information system (GIS) compatible site plan that includes the site boundaries and the location of all areas of concern as polygons.	Figure 2 - Pre-Remediation Site Plan
1.6(b) 1	The physical setting of the site that includes a general description of soils, geology, hydrology, hydrogeology, and topography of the site and surroundings;	Section 2.1 - Physical Setting of the Site
1.6(b) 2	A description of any significant events or seasonal variations that may have influenced sampling procedures or analytical results;	No significant events or seasonal variations influenced sampling procedures or analytical results. Soil sampling results are discussed in: Section 5.3 - Post-Excavation Sampling
1.6(b) 3	A description of the results and implications of field measurements or area-specific changes in sampling protocol due to field conditions;	Not Applicable for AOC-1A
1.6(b) 4	A list of: i. All variances from the requirements of this chapter submitted pursuant to N.J.A.C. 7:26E-1.7; and ii. All rationales submitted for deviations from any technical guidance pursuant to N.J.A.C. 7:26C-1.2(a)3;	Not Applicable for AOC-1A
1.6(b) 5	The applicable regulatory timeframe, including: i. Regulatory citation of the regulatory timeframe; and ii. Calendar date of the regulatory timeframe;	Master Schedule, referenced in Section 1.1
1.6(b) 6	A summary table(s), organized by area of concern, of all sampling results, including sample location, medium, sample depth, field and laboratory identification numbers, analytical results, and comparison to remediation standards, and the following: i. Identification of each contaminant concentration exceeding a remediation standard; ii. Identification of each sample with a method detection limit or a practical quantitation level that exceeds a remediation standard, along with an explanation in the table key; and iii. A report of all soils and solids sample results in milligrams per kilogram on a dry weight basis, aqueous sample results in micrograms per liter, and air results in micrograms per cubic meter;	Table 3
1.6(b) 7	For soil borings, test pits and monitoring wells: i. Stratigraphic logs, which include soil/rock physical descriptions and field instrument readings detected during drilling for each soil boring, test pit and monitoring well; ii. State permit numbers and as-built specifications, if applicable; and iii. Monitoring well certification forms A (the well construction as built certification) and B (the well location certification) available on the Department's website at www.nj.gov/dep/srp/regs/guidance.htm ;	i. Appendix B - Boring Logs ii and iii. Not Applicable
1.6(b) 8	Maps and figures, with map scale and orientation, including: i. Site location, land use, receptor evaluation, and area of concern maps; ii. Sample location map(s), that include the following: (1) Field identification numbers for all samples; (2) Sample locations, sample depths and contaminant concentrations plotted on the map; and (3) If data for more than 25 samples are presented for an area of concern, soil, ground water and sediment contaminant isopleth maps and cross section diagram(s), including the horizontal and vertical distribution of contaminants in each media, with sample point location numbers and contaminant concentrations; and iii. Ground water elevation contour maps showing the location of all monitoring wells, piezometers, or other ground water sampling points, for each set of static ground water level measurements for each aquifer;	i. Site Location: Figure 1 - USGS Site Location Map; Land Use: Regulatory Forms - Receptor Evaluation (Attachment 3); Areas of Concern: Figure 2 - Site Plan ii. Sample Location Maps: Figures 3a & 3b iii. Not available
1.6(b) 9	A discussion of the usability of laboratory analytical data;	Section 6.0 - Reliability of Data
1.6(b) 10	A description of the significance of information generated in the library search of tentatively identified compounds and unknown compounds.	Not Applicable for this Site
5.7(b) 2	A presentation and discussion of all of the information identified or collected, pursuant to N.J.A.C. 7:26E-1.10 through 1.16 and an updated receptor evaluation on a form found on the Department's website at www.nj.gov/dep/srp/srra/forms ;	Regulatory Forms - Receptor Evaluation (Attachment 3) and Section 8.0 - Receptor Evaluation Update
5.7(b) 3	A summary of the findings and recommendations for each area of concern from the remedial investigation report prepared pursuant to N.J.A.C. 7:26E-4.9;	Section 2.3 - Recommended Remedial Action
5.7(b) 4	A description, by area of concern, of each remedial action implemented;	Section 5.0 - Description of Remedial Action
5.7(b) 5	A list, by remedial action, of the remediation standards that apply to each remedial action;	Section 3.0 - Identification of Applicable Remedial Standards/Criteria and Table 2 - Soil Remediation Standards/Criteria
5.7(b) 6	Documentation, by area of concern, that each remedial action is effective in protecting the public health and safety and the environment by: i. Providing an overview of the data to establish the remedial action is operating as designed; or ii. Demonstrating compliance with the applicable remediation standards;	Section 7.0 - Documentation of the Protectiveness of the Remedial Action
5.7(b) 7	A remedial action permit application prepared pursuant to N.J.A.C. 7:26C-7, if applicable;	Not applicable for AOC-1A
5.7(b) 8	"As-built" diagrams for any permanent structures associated with the remedial action including, without limitation, caps or other structures associated with the remedial action and engineering controls, if applicable;	Section 7.0 - Documentation of the Protectiveness of the Remedial Action Appendix F - As-Built Diagrams
5.7(b) 9	A detailed description of site restoration activities, if applicable;	Section 5.2.5 - Backfill
5.7(b) 10	The total remediation costs through the implementation of the remedial action;	Section 7.2 - Total Remedial Action Cost
5.7(b) 11	Documentation of all types and quantities of waste generated by the remedial action, including copies of fully executed manifests or bill(s) of lading documenting any off-site transport of waste;	Section 7.3 - Documentation of Waste Generation and Disposal Appendix G - Non-Hazardous Waste Disposal Documentation Appendix H - Hazardous Waste Disposal Documentation
5.7(b) 12	Documentation of the source, type, quantities, and location of each alternative fill and clean fill used as part of the remedial action at the site; and	Section 7.4 - Documentation of Source, Type, Quantities, and Location of Fill Appendix I - Clean Fill Documentation
5.7(b) 13	A description of each permit required and obtained to implement the remedial action.	Section 7.5 - Identification of Required Permits and Authorizations Appendix a - Permits and Approvals

Table 3
Post Excavation Confirmation Samples
Remedial Action Report
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

As-Built Post Excavation Samples									Post Excavation Samples Laboratory References							Post Excavation Samples Laboratory Results							Notes								
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0		Thallium 7440-28-0	Vanadium 7440-62-2						
																		Units	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg	mg/kg						
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSSC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
A19	18.9	107_M034	677643.9	606924.6	11.4	10.9	7.5	8.0	On Site - RI/SI	460-22995-5	460229951	2/10/2011	Remaining	N	SO	Y	Y	< 2.2 U	23.0	< 2.2 U	16.5	< 2.2 U	27.6								
A19	18.9	107_M034	677643.9	606924.6	9.4	8.9	9.5	10.0	On Site - RI/SI	460-22995-6	460229951	2/10/2011	Remaining	N	SO	N	Y	< 2.2 U	33.0	0.64 J	10.8	< 2.2 U	25.2								
A19	18.9	107_M034	677643.9	606924.6	5.4	4.9	13.5	14.0	On Site - RI/SI	460-22995-7	460229951	2/10/2011	Remaining	N	SO	N	Y	< 2.3 U	9.4	< 2.4 U	8.8 J	< 2.3 U	15.3								
A19	18.9	107_M034	677643.9	606924.6	1.4	0.9	17.5	18.0	On Site - RI/SI	460-22995-8	460229951	2/10/2011	Remaining	N	SO	N	Y	< 2.2 U	15.0	< 2.2 U	16.9	< 2.2 U	21.5								
A6	20.7	BS-A6T	677360.6	606650.8	12.9	12.4	7.7	8.2	On Site	JC79072-2	JC79072	12/4/2018	Remaining	N	SO	Y	Y	< 2.3 U	52.3	5.0	14.1	< 1.2 U	19.2								
A7	20.7	BS-A7T	677381.7	606672.1	14.6	14.1	6.1	6.6	On Site	JC79130-2	JC79130	12/5/2018	Remaining	N	SO	Y	Y	NA	NA	1.9	NA	NA	NA	NA							
A7	20.7	BS-A7T	677381.7	606672.1	14.6	14.1	6.1	6.6	On Site	JC79130-2	JC79130	12/5/2018	Remaining	N	SO	Y	Y	< 2.4 U	33.3	3.5 J-	11.4	< 1.2 U	11.4								
B10	21.0	BS-B10	677423.4	606736.0	14.9	14.4	6.1	6.6	On Site	JC79328-2	JC79328	12/7/2018	Remaining	N	SO	Y	Y	NA	NA	< 0.48 U	NA	NA	NA	NA							
B10	21.0	BS-B10	677423.4	606736.0	14.9	14.4	6.1	6.6	On Site	JC79328-2	JC79328	12/7/2018	Remaining	N	SO	Y	Y	< 2.5 U	18.0	1	12.0	< 1.2 U	20								
B11	19.0	LD003	677447.2	606774.5	12.5	12.0	6.5	7.0	On Site - RI/SI	JB53451-19	JB53451	11/18/2013	Remaining	N	SO	Y	Y	NA	NA	< 0.45 U	NA	NA	NA	NA							
B11	19.0	LD003	677447.2	606774.5	12.5	12.0	6.5	7.0	On Site - RI/SI	JB53451-19	JB53451	11/18/2013	Remaining	N	SO	Y	Y	< 1.9 U	16.3	0.45	12.9	< 0.97 U	21.2								
B11	19.0	LD003	677447.2	606774.5	11.5	11.0	7.5	8.0	On Site - RI/SI	JB53451-20	JB53451	11/18/2013	Remaining	N	SO	Y	Y	NA	NA	< 0.49 U	NA	NA	NA	NA							
B11	19.0	LD003	677447.2	606774.5	11.5	11.0	7.5	8.0	On Site - RI/SI	JB53451-20	JB53451	11/18/2013	Remaining	N	SO	Y	Y	< 1.1 U	10.2	0.85	8.4	< 0.57 U	16.1								
B11	19.0	LD003	677447.2	606774.5	10.5	10.0	8.5	9.0	On Site - RI/SI	JB53451-21	JB53451	11/18/2013	Remaining	N	SO	Y	Y	NA	NA	0.51	NA	NA	NA	NA							
B11	19.0	LD003	677447.2	606774.5	10.5	10.0	8.5	9.0	On Site - RI/SI	JB53451-21	JB53451	11/18/2013	Remaining	N	SO	Y	Y	< 1.1 U	11.9	< 0.49 U	8.4	< 0.57 U	18.9								
B12	20.8	BS-B12	677470.6	606783.0	14.0	13.5	6.9	7.4	On Site	JC79901-2	JC79901	12/17/2018	Remaining	N	SO	Y	Y	NA	NA	< 0.48 U	NA	NA	NA	NA							
B12	20.8	BS-B12	677470.6	606783.0	14.0	13.5	6.9	7.4	On Site	JC79901-2	JC79901	12/17/2018	Remaining	N	SO	Y	Y	< 2.5 U	11.4	1.0 J-	10.8	< 1.2 U	17								
B12	20.7	BS-B12D	677472.8	606795.4	12.0	11.5	8.7	9.2	On Site	JC79901-3	JC79901	12/17/2018	Remaining	N	SO	Y	Y	NA	NA	2.1	NA	NA	NA	NA							
B12	20.7	BS-B12D	677472.8	606795.4	12.0	11.5	8.7	9.2	On Site	JC79901-3	JC79901	12/17/2018	Remaining	N	SO	Y	Y	< 2.3 U	22.0	0.62 J-	14.5	< 1.1 U	24.9								
B12	19.0	LD004	677469.8	606797.6	11.0	10.5	8.0	8.5	On Site - RI/SI	JB53451-14	JB53451	11/18/2013	Remaining	N	SO	Y	Y	NA	NA	< 0.50 U	NA	NA	NA	NA							
B12	19.0	LD004	677469.8	606797.6	11.0	10.5	8.0	8.5	On Site - RI/SI	JB53451-14	JB53451	11/18/2013	Remaining	N	SO	Y	Y	< 1.9 U	10.6	0.56	10.8	< 0.94 U	15.4								
B12	19.0	LD004	677469.8	606797.6	10.0	9.5	9.0	9.5	On Site - RI/SI	JB53451-15	JB53451	11/18/2013	Remaining	N	SO	Y	Y	NA	NA	< 0.51 U	NA	NA	NA	NA							
B12	19.0	LD004	677469.8	606797.6	10.0	9.5	9.0	9.5	On Site - RI/SI	JB53451-15	JB53451	11/18/2013	Remaining	N	SO	Y	Y	< 2.0 U	13.3	1.1	9.0	< 1.0 U	20.9								
B13	19.0	LD005	677491.0	606818.8	10.5	10.0	8.5	9.0	On Site - RI/SI	JB53451-9	JB53451	11/18/2013	Remaining	N	SO	Y	Y	< 1.0 U	9.1	0.89	9.7	< 0.51 U	13.8								
B13	19.0	LD005	677491.0	606818.8	9.5	9.0	9.5	10.0	On Site - RI/SI	JB53451-10	JB53451	11/18/2013	Remaining	N	SO	N	Y	< 1.8 U	10.1	< 0.47 U	8.7	< 0.90 U	15.5								
B14	20.7	BS-B14	677513.7	606825.3	11.3	10.8	9.4	9.9	On Site	JC79968-2	JC79968	12/18/2018	Remaining	N	SO	Y	Y	NA	NA	0.46	NA	NA	NA	NA							
B14	20.7	BS-B14	677513.7	606825.3	11.3	10.8	9.4	9.9	On Site	JC79968-2	JC79968	12/18/2018	Remaining	N	SO	Y	Y	< 2.2 U	18.6	0.89 J-	15.5	< 1.1 U	29.3								
B15	20.7	BS-B15	677537.6	606845.4	11.2	10.7	9.6	10.1	On Site	JC79968-4	JC79968	12/18/2018	Remaining	N	SO	Y	Y	NA	NA	0.56	NA	NA	NA	NA							
B15	20.7	BS-B15	677537.6	606845.4	11.2	10.7	9.6	10.1	On Site	JC79968-4	JC79968	12/18/2018	Remaining	N	SO	Y	Y	< 2.4 U	13.2	< 0.49 UJ-	11.3	< 1.2 U	19.3								
B16	20.7	BS-B16	677555.9	606862.3	11.1	10.6	9.6	10.1	On Site	JC80126-2	JC80126	12/20/2018	Remaining	N	SO	Y	Y	NA	NA	0.69	NA	NA	NA	NA							
B16	20.7	BS-B16	677555.9	606862.3	11.1	10.6	9.6	10.1	On Site	JC80126-2	JC80126	12/20/2018	Remaining	N	SO	Y	Y	< 2.5 U	12.9	1.0 J-	10.9	< 1.2 U	18.8								
B16	20.6	BS-B16T	677562.0	606882.9	6.6	6.1	14.0	14.5	On Site	JC82122-2	JC82122	1/30/2019	Remaining	N	SO	N	Y	NA	NA	2.4	NA	NA	NA	NA							
B16	20.6	BS-B16T	677562.0	606882.9	6.6	6.1	14.0	14.5	On Site	JC82122-2	JC82122	1/30/2019	Remaining	N	SO	N	Y	< 2.4 U	175	1.3 J	18.9	< 1.2 U	32.7								
B17	18.2	BS-B17	677580.1	606886.8	8.5	8.0	9.8	10.3	On Site	JC83295-3	JC83295	2/22/2019	Remaining	N	SO	N	Y	NA	NA	< 0.58 U	NA	NA	NA	NA							
B17	18.2	BS-B17	677580.1	606886.8	8.5	8.0	9.8	10.3	On Site	JC83295-3	JC83295	2/22/2019	Remaining	N	SO	N	Y	< 3.1 U	16.6	2.8 J-	14.7	< 1.5 U	24.1								
B18	17.0	BS-B18	677602.6	606906.8	8.6	8.1	8.4	8.9	On Site	JC83087-2	JC83087	2/19/2019	Remaining	N	SO	N	Y	NA	NA	0.60 RA	NA	NA	NA	NA	Rejected but usable due to confirmed reducing environment						
B18	17.0	BS-B18	677602.6	606906.8	8.6	8.1	8.4	8.9	On Site	JC83087-2	JC83087	2/19/2019	Remaining	N	SO	N	Y	< 2.9 UJ-	14.1	0.93 RA	10.4	< 1.4 U	14.1	Rejected but usable due to confirmed reducing environment							
B19	17.6	BS-B19	677625.3	606930.1	7.9	7.4	9.7	10.2	On Site	JC82164-6	JC82164	2/1/2019	Remaining	N	SO	N	Y	NA	NA	0.56	NA	NA	NA	NA							
B19	17.6	BS-B19	677625.3	606930.1	7.9	7.4	9.7	10.2	On Site	JC82164-6	JC82164	2/1/2019	Remaining	N	SO	N	Y	< 2.5 U	14.3	< 0.47 UJ-	10.1	< 1.2 U	22								
B20	18.8	BS-B20	677643.0	606946.6	7.7	7.2	11.1	11.6	On Site	JC82164-4	JC82164	1/31/2019	Remaining	N	SO	N	Y	NA	NA	< 0.57 U	NA	NA	NA	NA							
B20	18.8	BS-B20	677643.0	606946.6	7.7	7.2	11.1	11.6	On Site	JC82164-4	JC82164	1/31/2019	Remaining	N	SO	N	Y	< 3.0 U	13.8	1.5 J-	10.2	< 1.5 U	20.4								
B5	20.7	BS-B5A	677320.6	606636.1	12.5	12.0	8.2	8.7	On Site	JC79605-3	JC79605	12/12/2018	Remaining	N	SO	Y	Y	< 2.3 U	24.6	2.1	12.5	< 1.2 U	23.8								
B6	20.7	BS-B6	677341.8	606658.7	15.3	14.8	5.4	5.9	On Site	JC79067-2	JC79067	12/4/2018	Remaining	N	SO	Y	Y	< 2.4 U	13.1	1.2	9.5	< 1.2 U	9.2								
B6	20.7	BS-B6E	677332.1	606657.0	12.8	12.3	7.9	8.4	On Site	JC79605-2	JC79605	12/12/2018	Remaining	N	SO	Y	Y	< 2.4 U	21.2	0.9	10.5	< 1.2 U	19.7								
B7	20.7	BS-B7	677361.3	606678.5	15.7	15.2	5.0	5.5	On Site	JC79132-2	JC79132	12/5/2018	Remaining	N																	

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As-Built Post Excavation Samples										Post Excavation Samples Laboratory References							Post Excavation Samples Laboratory Results							Notes							
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0		Vanadium 7440-62-2						
																		Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg						
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSCC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
D24	21.0	BS-D24	677682.5	607085.4	5.4	4.9	15.5	16.0	On Site	JC94114-2	JC94114	8/29/2019	Remaining	N	SO	N	Y	NA	NA	1.5	NA	NA	NA	NA	NA						
D24	21.0	BS-D24	677682.5	607085.4	5.4	4.9	15.5	16.0	On Site	JC94114-2	JC94114	8/29/2019	Remaining	N	SO	N	Y	< 2.6 U	5.6	1.4 J-	33.2	< 1.3 U	13.5								
D25	20.9	BS-D25	677701.8	607099.8	11.6	11.1	9.3	9.8	On Site	JC94553-11	JC94553	9/6/2019	Remaining	N	SO	Y	Y	NA	NA	< 0.47 U	NA	NA	NA	NA							
D25	20.9	BS-D25	677701.8	607099.8	11.6	11.1	9.3	9.8	On Site	JC94553-11	JC94553	9/6/2019	Remaining	N	SO	Y	Y	< 2.3 UJ-	28.5	0.82 J-	61.6	< 1.2 U	22.3								
D5	20.8	BS-D5	677275.7	606682.7	14.6	14.1	6.2	6.7	On Site	JC69771-2	JC69771	7/12/2018	Remaining	N	SO	Y	Y	< 2.1 U	22.0	7.1	10.7	< 1.0 U	24.2								
D6	20.8	BS-D6A	677302.9	606701.1	14.6	14.1	6.2	6.7	On Site	JC70487-4	JC70487	7/24/2018	Remaining	N	SO	Y	Y	NA	NA	19	NA	NA	NA	NA							
D7	20.7	BS-D7	677321.2	606722.0	15.5	15.0	5.2	5.7	On Site	JC70487-4	JC70487	7/24/2018	Remaining	N	SO	Y	Y	< 2.5 U	10.7	0.6	11.7	< 1.2 U	18								
D8	20.8	BS-D8	677340.6	606742.2	15.6	15.1	5.1	5.6	On Site	JC70989-5	JC70989	7/31/2018	Remaining	FD	SO	Y	Y	< 2.6 UJ-	16.1 J	< 0.50 U	12.1	< 1.3 U	23.1								
D8	20.8	BS-D8	677340.6	606742.2	15.6	15.1	5.1	5.6	On Site	JC70989-4	JC70989	7/31/2018	Remaining	N	SO	Y	Y	NA	NA	< 0.50 U	NA	NA	NA	NA							
D8	20.8	BS-D8	677340.6	606742.2	15.6	15.1	5.1	5.6	On Site	JC70989-4	JC70989	7/31/2018	Remaining	N	SO	Y	Y	< 2.4 UJ-	18.0 J	< 0.50 UJ-	13.5	< 1.2 U	23.8								
D9	20.8	BS-D9	677362.9	606764.1	13.7	13.2	7.1	7.6	On Site	JC72443-2	JC72443	8/23/2018	Remaining	N	SO	Y	Y	NA	NA	2.2	NA	NA	NA	NA							
D9	20.8	BS-D9	677362.9	606764.1	13.7	13.2	7.1	7.6	On Site	JC72443-2	JC72443	8/23/2018	Remaining	N	SO	Y	Y	< 2.5 U	15.5	< 0.51 UJ-	11.5	< 1.2 U	22.6								
E10	20.8	BS-E10	677365.9	606806.3	13.8	13.3	7.0	7.5	On Site	JC72443-3	JC72443	8/23/2018	Remaining	N	SO	Y	Y	NA	NA	< 0.48 U	NA	NA	NA	NA							
E10	20.8	BS-E10	677365.9	606806.3	13.8	13.3	7.0	7.5	On Site	JC72443-3	JC72443	8/23/2018	Remaining	N	SO	Y	Y	< 2.4 U	24.4	< 0.48 UJ-	28.4	< 1.2 U	27.7								
E10	19.0	ID005	677348.7	606804.5	12.5	12.0	6.5	7.0	On Site - RI/SI	JB53706-11	JB53706	11/20/2013	Remaining	N	SO	Y	Y	< 2.1 U	20.7	0.88	33.5	< 1.0 U	22.2								
E10	19.0	ID005	677348.7	606804.5	11.5	11.0	7.5	8.0	On Site - RI/SI	JB53706-12	JB53706	11/20/2013	Remaining	N	SO	Y	Y	< 0.90 U	11.6	< 0.47 U	11.8	< 0.45 U	17.1								
E10	19.0	ID005	677348.7	606804.5	10.5	10.0	8.5	9.0	On Site - RI/SI	JB53706-13	JB53706	11/20/2013	Remaining	N	SO	Y	Y	< 0.90 U	14.7	< 0.46 U	12.4	< 0.45 U	19.3								
E11	20.7	BS-E11	677387.4	606828.0	14.5	14.0	6.2	6.7	On Site	JC72616-7	JC72616	8/27/2018	Remaining	N	SO	Y	Y	NA	NA	1.5 J-	NA	NA	NA	NA							
E11	20.7	BS-E11	677387.4	606828.0	14.5	14.0	6.2	6.7	On Site	JC72616-7	JC72616	8/27/2018	Remaining	N	SO	Y	Y	19.5 J-	16.4	1.1	16.3	< 1.2 U	13.9	Antimony exceedance of IGWSSL in unsaturated zone addressed in Appendix E.							
E30	19.4	107_I044	677783.8	607216.3	4.7	4.2	14.8	15.3	Nickel Only	JC69566-3	JC69566	7/10/2018	Remaining	N	SO	N	Y	< 2.7 U	12.8	0.83 J-	37.3	< 1.4 U	17.5								
E11	20.7	BS-E11D	677394.4	606838.0	10.0	9.5	10.6	11.1	On Site	JC75393-4	JC75393	10/5/2018	Remaining	N	SO	Y	Y	NA	NA	0.78	NA	NA	NA	NA							
E11	20.7	BS-E11D	677394.4	606838.0	10.0	9.5	10.6	11.1	On Site	JC75393-4	JC75393	10/5/2018	Remaining	N	SO	Y	Y	< 2.5 UJ-	8.8	0.6	10.3	< 1.2 U	10.4								
E12	20.7	BS-E12D	677411.2	606846.8	9.9	9.4	10.8	11.3	On Site	JC75393-11	JC75393	10/5/2018	Remaining	FD	SO	Y	Y	NA	NA	0.83 J-	NA	NA	NA	NA							
E12	20.7	BS-E12D	677411.2	606846.8	9.9	9.4	10.8	11.3	On Site	JC75393-11	JC75393	10/5/2018	Remaining	FD	SO	Y	Y	< 2.5 UJ-	12.9	2.6	11.9	< 1.2 U	20.5								
A14	18.9	107_M028E2	677539.8	606819.7	13.3	12.8	5.6	6.1	On Site	JC81644-4	JC81644	1/21/2019	Remaining	N	SO	Y	Y	< 2.3 U	16.6	0.54	14.6	< 1.1 U	24.5								
A13	20.3	107_M028W	677507.5	606788.8	13.4	12.9	6.9	7.4	On Site	JC81681-2	JC81681	1/22/2019	Remaining	N	SO	Y	Y	NA	NA	0.70	NA	NA	NA	NA							
A13	20.3	107_M028W	677507.5	606788.8	13.4	12.9	6.9	7.4	On Site	JC81681-2	JC81681	1/22/2019	Remaining	N	SO	Y	Y	< 2.5 UJ-	18.1	< 0.50 UJ-	11.2	< 1.3 U	28.2								
A16	19.1	107_M030E2	677583.2	606861.7	7.8	7.3	11.3	11.8	On Site	JC81681-4	JC81681	1/22/2019	Remaining	N	SO	N	Y	NA	NA	0.56	NA	NA	NA	NA							
A16	19.1	107_M030E2	677583.2	606861.7	7.8	7.3	11.3	11.8	On Site	JC81681-4	JC81681	1/22/2019	Remaining	N	SO	N	Y	< 2.8 UJ-	19.0	1.0	14.0	< 1.4 U	29.4								
A5	20.7	108_M018_C	677328.1	606616.2	13.5	13.0	7.2	7.7	On Site	JC78809-2	JC78809	11/30/2018	Remaining	N	SO	Y	Y	< 2.5 U	233	10.7	12.0	< 1.3 U	14.3								
A10	21.0	BS-A10T	677445.1	606732.6	14.2	13.7	6.8	7.3	On Site	JC79968-6	JC79968	12/18/2018	Remaining	N	SO	Y	Y	< 2.6 U	14.5	< 0.52 UJ-	12.9	< 1.3 U	22.7								
A10	21.0	BS-A10T	677445.1	606732.6	14.2	13.7	6.8	7.3	On Site	JC79968-6	JC79968	12/18/2018	Remaining	N	SO	Y	Y	NA	NA	0.78	NA	NA	NA	NA							
A11	21.1	BS-A11T	677465.3	606751.7	14.5	14.0	6.6	7.1	On Site	JC79968-5	JC79968	12/18/2018	Remaining	N	SO	Y	Y	< 2.4 U	16.0	< 0.48 UJ-	14.2	< 1.2 U	21.1								
A11	21.1	BS-A11T	677465.3	606751.7	14.5	14.0	6.6	7.1	On Site	JC79968-5	JC79968	12/18/2018	Remaining	N	SO	Y	Y	NA	NA	9.4	NA	NA	NA	NA							
A12	20.7	BS-A12T	677487.6	606771.9	13.4	12.9	7.3	7.8	On Site	JC79968-7	JC79968	12/18/2018	Remaining	N	SO	Y	Y	< 2.4 U	20.3	< 0.50 UJ-	12.8	< 1.2 U	30.9								
A12	20.7	BS-A12T	677487.6	606771.9	13.4	12.9	7.3	7.8	On Site	JC79968-7	JC79968	12/18/2018	Remaining	N	SO	Y	Y	NA	NA	0.61	NA	NA	NA	NA							
A8	20.7	BS-A8T	677404.1	606693.0	14.9	14.4	5.9	6.4	On Site	JC79130-3	JC79130	12/5/2018	Remaining	N	SO	Y	Y	< 2.4 U	279	1.8 J-	7.3	< 1.2 U	20.4								
A8	20.7	BS-A8T	677404.1	606693.0	14.9	14.4	5.9	6.4	On Site	JC79130-3	JC79130	12/5/2018	Remaining	N	SO	Y	Y	NA	NA	2.7	NA	NA	NA	NA							
A9	20.8	BS-A9V	677423.8	606712.9	12.5	12.0	8.3	8.8	On Site	JC81419-2	JC81419	1/16/2019	Remaining	N	SO	Y	Y	NA	NA	< 0.49 U	NA	NA	NA	NA							
A9	20.8	BS-A9V	677423.8	606712.9	12.5	12.0	8.3	8.8	On Site	JC81419-2	JC81419	1/16/2019	Remaining	N	SO	Y	Y	< 2.4 U	78.3	2.4 J-	9.5	< 1.2 U	20								
E12	20.7	BS-E12D	677411.2	606846.8	9.9	9.4	10.8	11.3	On Site	JC75393-5	JC75393	10/5/2018	Remaining	N	SO	Y	Y	NA	NA	1.4 J-	NA	NA	NA	NA							
E12	20.7	BS-E12D	677411.2	606846.8	9.9	9.4	10.8	11.3	On Site	JC75393-5	JC75393	10/5/2018	Remaining	N	SO	Y	Y	< 2.4 UJ-	13.0	0.83	11.0	< 1.2 U	19.3								
E13	20.6	BS-E13D	677430.0	606868.1	9.7	9.2	10.9	11.4	On Site	JC75393-6	JC75393	10/5/2018	Remaining	N	SO	N	Y	< 2.4 UJ-	547	8.9	811	< 6.1 U	30.2	Thallium detection limit exceedance of IGWSSL partially in unsaturated zone due to interfering element. This exceedance is addressed in Appendix E.							
E14	20.5	BS-E14	677452.2	606889.8	8.5	8.0	12.1	12.6	On Site	JC75925-5	JC75925	10/15/2018	Remaining	N	SO	N	Y	NA	NA	< 0.60 U	NA	NA	NA	NA							
E14	20.5	BS-E14	677452.2	606889.8	8.5	8.0	12.1	12.6	On Site	JC75925-5	JC75925	10/15/2018	Remaining	N	SO	N	Y	< 3													

Table 3
Post Excavation Confirmation Samples
Remedial Action Report
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

As-Built Post Excavation Samples										Post Excavation Samples Laboratory References								Post Excavation Samples Laboratory Results							Notes																					
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0	Vanadium 7440-62-2																						
																		Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg																						
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA																						
																		CrSSC (G20)	NA	120000	20	NA	NA	NA																						
																		IGWSSL (G21)	6	NA	NA	NA	3	NA																						
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA																						
																		SSRS (G20)	NA	NA	NA	NA	390	NA																						
E22	19.8	107_I036	677610.4	607050.3	-3.7	-4.2	23.5	24.0	On Site - RI/SI	460-22465-16	460224651	1/25/2011	Remaining	N	SO	N	Y																													
E22	19.8	107_I036	677610.4	607050.3	-3.7	-4.2	23.5	24.0	On Site - RI/SI	460-22465-16	460224651	1/25/2011	Remaining	N	SO	N	Y																													
E22	20.3	BS-E22	677623.9	607053.4	3.5	3.0	16.8	17.3	On Site	JC93064-2	JC93064	8/9/2019	Remaining	N	SO	N	Y																													
E23	20.4	BS-E23	677650.4	607087.4	4.7	4.2	15.8	16.3	On Site	JC93950-3	JC93950	8/27/2019	Remaining	N	SO	N	Y																													
E23	20.4	BS-E23	677650.4	607087.4	4.7	4.2	15.8	16.3	On Site	JC93950-3	JC93950	8/27/2019	Remaining	N	SO	N	Y																													
E24	20.3	107_I038	677653.7	607091.9	3.3	2.8	17.0	17.5	On Site - RI/SI	460-22506-9	460225061	1/26/2011	Remaining	N	SO	N	Y																													
E24	20.3	107_I038	677653.7	607091.9	-0.7	-1.2	21.0	21.5	On Site - RI/SI	460-22506-10	460225061	1/26/2011	Remaining	N	SO	N	Y																													
E24	20.3	107_I038	677653.7	607091.9	-4.7	-5.2	25.0	25.5	On Site - RI/SI	460-22506-11	460225061	1/26/2011	Remaining	N	SO	N	Y																													
E24	20.5	BS-E24	677668.4	607097.0	5.1	4.6	15.4	15.9	On Site	JC94114-3	JC94114	8/29/2019	Remaining	N	SO	N	Y																													
E24	20.5	BS-E24	677668.4	607097.0	5.1	4.6	15.4	15.9	On Site	JC94114-3	JC94114	8/29/2019	Remaining	N	SO	N	Y																													
E25	20.4	BS-E25	677689.0	607118.1	11.7	11.2	8.7	9.2	On Site	JC94553-8	JC94553	9/6/2019	Remaining	N	SO	Y	Y																													
E25	20.4	BS-E25	677689.0	607118.1	11.7	11.2	8.7	9.2	On Site	JC94553-8	JC94553	9/6/2019	Remaining	N	SO	Y	Y																													
E25	20.4	BS-E25	677689.0	607118.1	11.7	11.2	8.7	9.2	On Site	JC94553-9	JC94553	9/6/2019	Remaining	FD	SO	Y	Y																													
E26	20.1	107_I040	677697.1	607133.3	8.6	8.1	11.5	12.0	On Site - RI/SI	460-22506-30	460225061	1/26/2011	Remaining	N	SO	N	Y																													
E26	20.1	107_I040	677697.1	607133.3	4.6	4.1	15.5	16.0	On Site - RI/SI	460-22506-31	460225061	1/26/2011	Remaining	N	SO	N	Y																													
E26	20.1	107_I040	677697.1	607133.3	3.6	3.1	16.5	17.0	On Site - RI/SI	460-22506-32	460225061	1/26/2011	Remaining	N	SO	N	Y																													
E26	20.1	107_I040	677697.1	607133.3	-0.4	-0.9	20.5	21.0	On Site - RI/SI	460-22506-33	460225061	1/26/2011	Remaining	N	SO	N	Y																													
E26	20.1	107_I040	677697.1	607133.3	-4.4	-4.9	24.5	25.0	On Site - RI/SI	460-22506-34	460225061	1/26/2011	Remaining	N	SO	N	Y																													
E26	20.2	BS-E26	677710.6	607142.7	11.6	11.1	8.6	9.1	On Site	JC94553-10	JC94553	9/6/2019	Remaining	N	SO	Y	Y																													
E26	20.2	BS-E26	677710.6	607142.7	11.6	11.1	8.6	9.1	On Site	JC94553-10	JC94553	9/6/2019	Remaining	N	SO	Y	Y																													
E28	19.7	107_I042	677740.4	607174.8	-2.8	-3.3	22.5	23.0	On Site - RI/SI	460-22560-21	460225601	1/28/2011	Remaining	N	SO	N	Y																													
E30	19.4	107_I044	677783.8	607216.3	1.9	1.4	17.5	18.0	On Site - RI/SI	460-22638-16	460226381	1/31/2011	Remaining	N	SO	N	Y																													
E30	19.4	107_I044	677783.8	607216.3	-2.1	-2.6	21.5	22.0	On Site - RI/SI	460-22638-17	460226381	1/31/2011	Remaining	N	SO	N	Y																													
E31	19.3	BS-E31	677816.9	607237.4	10.2	9.7	9.1	9.6	On Site	JC93950-5	JC93950	8/27/2019	Remaining	N	SO	Y	Y																													
E31	19.3	BS-E31	677816.9	607237.4	10.2	9.7	9.1	9.6	On Site	JC93950-5	JC93950	8/27/2019	Remaining	N	SO	Y	Y																													
E5	20.8	BS-E5	677253.3	606711.6	14.6	14.1	6.2	6.7	On Site	JC69771-4	JC69771	7/12/2018	Remaining	N	SO	Y	Y																													
E5	19.0	ID001	677253.3	606711.9	13.0	12.5	6.0	6.5	On Site - RI/SI	JB53885-2	JB53885	11/21/2013	Remaining	N	SO	Y	Y																													
E5	19.0	ID001	677253.3	606711.9	12.0	11.5	7.0	7.5	On Site - RI/SI	JB53885-3	JB53885	11/21/2013	Remaining	N	SO	Y	Y																													
E5	19.0	ID001	677253.3	606711.9	11.0	10.5	8.0	8.5	On Site - RI/SI	JB53885-4	JB53885	11/21/2013	Remaining	N	SO	Y	Y																													
E6	20.8	BS-E6	677269.7	606728.2	15.1	14.6	5.7	6.2	On Site	JC70231-3	JC70231	7/19/2018	Remaining	N	SO	Y	Y																													
E6	19.0	ID002	677269.6	606728.1	13.5	13.0	5.5	6.0	On Site - RI/SI	JB53885-30	JB53885	11/21/2013	Remaining	N	SO	Y	Y																													
E6	19.0	ID002	677269.6	606728.1	12.5	12.0	6.5	7.0	On Site - RI/SI	JB53885-31	JB53885	11/21/2013	Remaining	N	SO	Y	Y																													
E6	19.0	ID002	677269.6	606728.1	11.5	11.0	7.5	8.0	On Site - RI/SI	JB53885-32	JB53885	11/21/2013	Remaining	N	SO	Y	Y																													
E6	19.0	ID002	677269.6	606728.1	10.5	10.0	8.5	9.0	On Site - RI/SI	JB53885-33	JB53885	11/21/2013	Remaining	N	SO	Y	Y																													
E7	20.8	BS-E7B	677296.0	606743.3	14.7	14.2	6.2	6.7	On Site	JC71184-2	JC71184	8/2/2018	Remaining	N	SO	Y	Y																													
E8	20.7	BS-E8	677324.9	606769.5	15.6	15.1	5.1	5.6	On Site	JC70989-3	JC70989	7/31/2018	Remaining	FD	SO	Y	Y																													
E8	20.7	BS-E8	677324.9	606769.5	15.6	15.1	5.1	5.6	On Site	JC70989-3	JC70989	7/31/2018	Remaining	FD	SO	Y	Y																													
E8	20.7	BS-E8	677324.9	606769.5	15.6	15.1	5.1	5.6	On Site	JC70989-2	JC70989	7/31/2018	Remaining	N	SO	Y	Y																													
E8	20.7	BS-E8	677324.9	606769.5	15.6	15.1	5.1	5.6	On Site	JC70989-2	JC70989	7/31/2018	Remaining	N	SO	Y	Y																													
E9	20.8	BS-E9	677343.2	606783.9	14.9	14.4	5.9	6.4	On Site	JC71945-2	JC71945	8/15/2018	Remaining	N	SO	Y	Y																													
E9	20.8	BS-E9	677343.2	606783.9	14.9	14.4	5.9	6.4	On Site	JC71945-2	JC71945	8/15/2018	Remaining	N	SO	Y	Y																													
F10	20.7	BS-F10A	677351.3	606835.5	11.6	11.1	9.2	9.7	On Site	JC90846-2	JC90846	6/28/2019	Remaining	N	SO	Y	Y																													
G10	20.7	BS-G10A	677318.3	606856.9	11.7	11.2	9.0	9.5	On Site	JC72909-3	JC72909	8/31/2018	Remaining	N	SO	Y	Y																													
F10	20.7	BS-F10A	677351.3	606835.5	11.6	11.1	9.2	9.7	On Site	JC90846-2	JC90846	6/28/2019	Remaining	N	SO	Y	Y																													
F11	20.7	BS-F11D	677371.1	606851.9	10.0	9.5	10.7	11.2	On Site	JC75393-7	JC75393	10/5/2018	Remaining	N	SO	Y	Y																													

Table 3
Post Excavation Confirmation Samples
Remedial Action Report
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As-Built Post Excavation Samples				Post Excavation Samples Laboratory References										Post Excavation Samples Laboratory Results							Notes										
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3		Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0	Vanadium 7440-62-2						
																		Units	mg/kg	mg/kg		mg/kg	mg/kg	mg/kg	mg/kg						
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSCC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
F23	19.5	BS-F23	677631.3	607109.8	4.4	3.9	15.1	15.6	On Site	JC93950-4	JC93950	8/27/2019	Remaining	N	SO	N	Y	NA	NA	NA	0.82	NA	NA	NA							
F23	19.5	BS-F23	677631.3	607109.8	4.4	3.9	15.1	15.6	On Site	JC93950-4	JC93950	8/27/2019	Remaining	N	SO	N	Y	< 2.5 U	12.5	3.5 J-	209	< 1.3 U	16.2								
F24	19.5	BS-F24	677648.1	607119.9	4.9	4.4	14.7	15.2	On Site	JC94114-4	JC94114	8/29/2019	Remaining	N	SO	N	Y	NA	NA	4.4	NA	NA	NA	NA							
F24	19.5	BS-F24	677648.1	607119.9	4.9	4.4	14.7	15.2	On Site	JC94114-4	JC94114	8/29/2019	Remaining	N	SO	N	Y	7.2	25.2	2.2 J-	7520	< 2.6 U	32.4	Nickel exceedance of RDC SRS addressed in Appendix E.							
F25	19.5	BS-F25	677671.9	607142.6	10.8	10.3	8.7	9.2	On Site	JC94360-24	JC94360	9/4/2019	Remaining	N	SO	Y	Y	< 2.5 UJ-	22.5 J	1.1 J-	36.4	< 1.2 U	24.2 J								
F26	18.9	BS-F26	677689.6	607165.5	10.8	10.3	8.2	8.7	On Site	JC94441-2	JC94441	9/5/2019	Remaining	N	SO	Y	Y	NA	NA	1.1	NA	NA	NA	NA							
F26	18.9	BS-F26	677689.6	607165.5	10.8	10.3	8.2	8.7	On Site	JC94441-2	JC94441	9/5/2019	Remaining	N	SO	Y	Y	< 2.3 UJ-	23.3	0.54 J-	61.4	< 1.1 U	22.6								
F27	18.8	BS-F27	677704.9	607185.9	11.4	10.9	7.4	7.9	On Site	JC89030-18	JC89030	5/31/2019	Remaining	N	SO	Y	Y	NA	NA	< 0.50 U	NA	NA	NA	NA							
F27	18.8	BS-F27	677704.9	607185.9	11.4	10.9	7.4	7.9	On Site	JC89030-18	JC89030	5/31/2019	Remaining	N	SO	Y	Y	< 2.4 UJ-	22.1	< 0.50 UJ	30.5	< 1.2 U	24.5								
F28	18.4	BS-F28	677724.4	607206.7	10.4	9.9	8.1	8.6	On Site	JC88881-5	JC88881	5/29/2019	Remaining	N	SO	Y	Y	< 2.4 U	31.4	1.3	57.1	< 1.2 U	21.4								
G29	17.2	BS-G29	677733.4	607244.7	6.0	5.5	11.2	11.7	On Site	JC88380-3	JC88380	5/17/2019	Remaining	N	SO	N	Y	< 2.4 U	24.1	< 0.48 UJ-	53.8	< 1.2 U	22.7								
G29	17.2	BS-G29	677733.4	607244.7	6.0	5.5	11.2	11.7	On Site	JC88380-3	JC88380	5/17/2019	Remaining	N	SO	N	Y	NA	NA	0.55	NA	NA	NA	NA							
F29	18.1	BS-F29D	677748.2	607232.4	9.4	8.9	8.7	9.2	On Site	JC88881-2	JC88881	5/29/2019	Remaining	N	SO	N	Y	< 2.5 U	21.3	0.49	38.2	< 1.3 U	22.3								
F30	18.6	BS-F30	677780.5	607239.7	10.3	9.8	8.3	8.8	On Site	JC77526-3	JC77526	11/8/2018	Remaining	N	SO	Y	Y	NA	NA	1.0	NA	NA	NA	NA							
F30	18.6	BS-F30	677780.5	607239.7	10.3	9.8	8.3	8.8	On Site	JC77526-3	JC77526	11/8/2018	Remaining	N	SO	Y	Y	< 2.3 U	26.6	1.8 J-	53.3	< 1.2 U	21.6								
F30	17.8	BS-F30D	677768.3	607252.3	8.7	8.2	9.1	9.6	On Site	JC88569-3	JC88569	5/22/2019	Remaining	N	SO	N	Y	< 2.2 U	24.1	< 0.46 U	43.2	< 1.1 U	22.4								
F31	18.1	SW-37 (10.0-10.5)	677800.0	607263.2	8.3	7.8	9.8	10.3	On Site	JC92869-3	JC92869	8/7/2019	Remaining	N	SO	N	Y	NA	NA	< 0.47 U	NA	NA	NA	NA							
F31	18.1	SW-37 (10.0-10.5)	677800.0	607263.2	8.3	7.8	9.8	10.3	On Site	JC92869-3	JC92869	8/7/2019	Remaining	N	SO	N	Y	< 2.3 U	26.8	< 0.47 UJ-	30.2	< 1.1 U	34.5								
F31	17.9	SW-37 (12.0-12.5)	677798.5	607265.6	6.4	5.9	11.6	12.1	On Site	JC92869-4	JC92869	8/7/2019	Remaining	N	SO	N	Y	NA	NA	< 0.52 U	NA	NA	NA	NA							
F31	17.9	SW-37 (12.0-12.5)	677798.5	607265.6	6.4	5.9	11.6	12.1	On Site	JC92869-4	JC92869	8/7/2019	Remaining	N	SO	N	Y	< 2.5 U	27.9	< 0.52 UJ-	84.0	< 1.2 U	31.4								
F5	20.7	BS-F5	677234.5	606735.2	14.7	14.2	6.1	6.6	On Site	JC69771-3	JC69771	7/12/2018	Remaining	N	SO	Y	Y	< 2.3 U	23.2	3.8	13.8	< 1.1 U	24.8								
F5	19.0	G1001	677234.3	606735.2	13.0	12.5	6.0	6.5	On Site - RI/SL	JB53885-8	JB53885	11/21/2013	Remaining	N	SO	Y	Y	< 3.7 U	20.9	2.2	13.4	< 1.8 U	22.3								
F5	19.0	G1001	677234.3	606735.2	12.0	11.5	7.0	7.5	On Site - RI/SL	JB53885-9	JB53885	11/21/2013	Remaining	N	SO	Y	Y	< 5.3 U	25.3	3.3	15.2	< 2.6 U	22.9								
F5	19.0	G1001	677234.3	606735.2	11.0	10.5	8.0	8.5	On Site - RI/SL	JB53885-10	JB53885	11/21/2013	Remaining	N	SO	Y	Y	< 4.3 U	22.0	2.6	15.5	< 2.1 U	21.3								
F6	20.9	BS-F6	677255.9	606746.8	15.5	15.0	5.3	5.8	On Site	JC70487-3	JC70487	7/24/2018	Remaining	N	SO	Y	Y	< 2.4 U	22.0	8.7	14.0	< 1.2 U	22.3								
H11	20.7	BS-H11	677324.0	606889.9	11.8	11.3	8.9	9.4	On Site	JC72909-2	JC72909	8/31/2018	Remaining	N	SO	Y	Y	< 2.3 UJ-	38.7	6.5 J	11.4	< 1.1 U	20.2								
F7	20.9	BS-F7	677279.9	606765.9	15.6	15.1	5.2	5.7	On Site	JC70911-3	JC70911	7/30/2018	Remaining	N	SO	Y	Y	< 2.2 U	58.9	8	10.5	< 1.1 U	19.3								
F8	20.8	BS-F8	677302.4	606779.5	15.8	15.3	5.0	5.5	On Site	JC70911-5	JC70911	7/30/2018	Remaining	N	SO	Y	Y	< 2.4 U	12.5	< 0.47 U	12.1	< 1.2 U	18.3								
F9	20.7	BS-F9	677323.5	606807.1	15.1	14.6	5.6	6.1	On Site	JC71945-1	JC71945	8/15/2018	Remaining	N	SO	Y	Y	NA	NA	1.2	NA	NA	NA	NA							
F9	20.7	BS-F9	677323.5	606807.1	15.1	14.6	5.6	6.1	On Site	JC71945-1	JC71945	8/15/2018	Remaining	N	SO	Y	Y	< 2.3 U	15.8	0.79 J-	13.3	< 1.1 U	21.7								
H12	20.7	BS-H12	677341.8	606906.3	10.4	9.9	10.2	10.7	On Site	JC73506-3	JC73506	9/10/2018	Remaining	N	SO	Y	Y	NA	NA	0.59	NA	NA	NA	NA							
H12	20.7	BS-H12	677341.8	606906.3	10.4	9.9	10.2	10.7	On Site	JC73506-3	JC73506	9/10/2018	Remaining	N	SO	Y	Y	< 2.3 UJ-	13.4	1.3 J	10.6	< 1.1 U	19.2								
G10	20.7	BS-G10A	677318.3	606856.9	11.7	11.2	9.0	9.5	On Site	JC90188-3	JC90188	6/19/2019	Remaining	N	SO	Y	Y	NA	NA	0.87	NA	NA	NA	NA							
G10	20.7	BS-G10A	677318.3	606856.9	11.7	11.2	9.0	9.5	On Site	JC90188-3	JC90188	6/19/2019	Remaining	N	SO	Y	Y	< 2.3 U	19.0	< 0.48 UJ-	13.2	< 2.3 U	31.3								
G11	20.7	BS-G11A	677335.9	606871.2	11.9	11.4	8.8	9.3	On Site	JC90188-1	JC90188	6/19/2019	Remaining	N	SO	Y	Y	NA	NA	0.54	NA	NA	NA	NA							
G11	20.7	BS-G11A	677335.9	606871.2	11.9	11.4	8.8	9.3	On Site	JC90188-1	JC90188	6/19/2019	Remaining	N	SO	Y	Y	< 2.4 U	13.6	< 0.50 UJ-	13.8	< 1.2 U	19.7								
G12	20.7	BS-G12	677364.4	606884.6	10.6	10.1	10.1	10.6	On Site	JC91019-5	JC91019	7/2/2019	Remaining	FD	SO	Y	Y	NA	NA	< 0.50 U	NA	NA	NA	NA							
G12	20.7	BS-G12	677364.4	606884.6	10.6	10.1	10.1	10.6	On Site	JC91019-5	JC91019	7/2/2019	Remaining	FD	SO	Y	Y	< 2.6 UJ-	19.1	< 0.50 UJ-	18.8	< 2.6 U	22.4								
G12	20.7	BS-G12	677364.4	606884.6	10.6	10.1	10.1	10.6	On Site	JC91019-4	JC91019	7/2/2019	Remaining	N	SO	Y	Y	NA	NA	0.78	NA	NA	NA	NA							
G12	20.7	BS-G12	677364.4	606884.6	10.6	10.1	10.1	10.6	On Site	JC91019-4	JC91019	7/2/2019	Remaining	N	SO	Y	Y	< 2.5 UJ-	16.6	< 0.50 UJ-	16.0	< 1.3 U	21								
G13	20.7	BS-G13A	677379.6	606907.5	9.7	9.2	10.9	11.4	On Site	JC91141-4	JC91141	7/3/2019	Remaining	N	SO	N	Y	< 2.7 U	14.0	0.94	36.2	< 1.4 U	20.5								
G14	20.4	BS-G14A	677414.1	606933.6	6.8	6.3	13.6	14.1	On Site	JC78304-14	JC78304	11/20/2018	Remaining	N	SO	N	Y	NA	NA	< 0.49 U	NA	NA	NA	NA							
G14	20.4	BS-G14A	677414.1	606933.6	6.8	6.3	13.6	14.1	On Site	JC78304-14	JC78304	11/20/2018	Remaining	N	SO	N	Y	< 2.5 U	11.3	< 0.49 U	12.3	< 1.3 U	15.7								
G15	20.2	BS-G15A	677430.2	606954.4	6.6	6.1	13.6	14.1	On Site	JC78445-2	JC78445	11/21/2018	Remaining	N	SO	N	Y	NA	NA	1.0 J-	NA	NA	NA	NA							
G15	20.2	BS-G15A	677430.2	606954.4	6.6	6.1	13.6	14.1	On Site	JC78445-2	JC78445	11/21/2018	Remaining	N	SO	N	Y	< 2.5 U	14.9												

Table 3
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As-Built Post Excavation Samples									Post Excavation Samples Laboratory References							Post Excavation Samples Laboratory Results							Notes								
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0		Thallium 7440-28-0	Vanadium 7440-62-2						
																		Units	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg	mg/kg						
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSCC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
																		NA	NA	1.6	NA	NA	NA								
G22	18.8	BS-G22	677584.0	607099.2	5.9	5.4	12.9	13.4	On Site	JC91973-4	JC91973	7/19/2019	Remaining	N	SO	N	Y	< 2.3 U	12.3	< 0.48 U	85.3	< 1.1 U	13.5								
G23	18.6	BS-G23	677606.7	607119.6	5.6	5.1	13.0	13.5	On Site	JC91973-5	JC91973	7/19/2019	Remaining	N	SO	N	Y	NA	NA	3.0	NA	NA	NA								
G23	18.6	BS-G23	677606.7	607119.6	5.6	5.1	13.0	13.5	On Site	JC91973-5	JC91973	7/19/2019	Remaining	N	SO	N	Y	< 2.7 U	12.7	0.55	61.2	< 1.4 U	10.7								
G24	18.4	BS-G24	677627.8	607142.2	5.3	4.8	13.1	13.6	On Site	JC92424-2	JC92424	7/30/2019	Remaining	N	SO	N	Y	NA	NA	< 0.50 U	NA	NA	NA								
G24	18.4	BS-G24	677627.8	607142.2	5.3	4.8	13.1	13.6	On Site	JC92424-2	JC92424	7/30/2019	Remaining	N	SO	N	Y	< 2.5 U	6.2	0.54	16.2	< 1.2 U	8.5								
G25	18.2	BS-G25	677647.7	607162.1	5.3	4.8	12.9	13.4	On Site	JC92424-3	JC92424	7/30/2019	Remaining	N	SO	N	Y	NA	NA	< 0.51 U	NA	NA	NA								
G25	18.2	BS-G25	677647.7	607162.1	5.3	4.8	12.9	13.4	On Site	JC92424-3	JC92424	7/30/2019	Remaining	N	SO	N	Y	< 2.5 U	12.3	< 0.51 U	22.1	< 1.3 U	13.5								
G25	18.2	BS-G25	677647.7	607162.1	5.3	4.8	12.9	13.4	On Site	JC92424-4	JC92424	7/30/2019	Remaining	FD	SO	N	Y	NA	NA	< 0.48 U	NA	NA	NA								
G25	18.2	BS-G25	677647.7	607162.1	5.3	4.8	12.9	13.4	On Site	JC92424-4	JC92424	7/30/2019	Remaining	FD	SO	N	Y	< 2.3 U	11.0	0.55	14.8	< 1.2 U	11.4								
G26	17.8	107_G040	677655.4	607176.5	3.3	2.8	14.5	15.0	On Site - RI/SI	460-22560-7	460225601	1/28/2011	Remaining	N	SO	N	Y	2.1 J	9.2	< 2.6 U	469	2.2 J	12.8								
G26	17.7	BS-G26	677668.1	607183.5	7.2	6.7	10.5	11.0	On Site	JC89357-3	JC89357	6/6/2019	Remaining	N	SO	N	Y	NA	NA	3.6 J	NA	NA	NA								
G26	17.7	BS-G26	677668.1	607183.5	7.2	6.7	10.5	11.0	On Site	JC89357-3	JC89357	6/6/2019	Remaining	N	SO	N	Y	< 2.5 U	62.5	7.7	48.4	< 1.2 U	23.2								
G26	17.5	GD010	677652.0	607183.7	6.5	6.0	11.0	11.5	On Site - RI/SI	JB51750-5	JB51750	10/30/2013	Remaining	N	SO	N	Y	NA	NA	< 0.44 U	NA	NA	NA								
G27	17.5	BS-G27	677684.5	607203.5	7.0	6.5	10.5	11.0	On Site	JC89030-17	JC89030	5/31/2019	Remaining	N	SO	N	Y	NA	NA	< 0.50 U	NA	NA	NA								
G27	17.5	BS-G27	677684.5	607203.5	7.0	6.5	10.5	11.0	On Site	JC89030-17	JC89030	5/31/2019	Remaining	N	SO	N	Y	< 2.5 UJ-	18.5	< 0.50 UJ	45.8	< 1.2 U	20.4								
G28	17.3	107_G042	677698.8	607218.0	5.8	5.3	11.5	12.0	On Site - RI/SI	460-22560-11	460225601	1/28/2011	Remaining	N	SO	N	Y	2.2 J	50.4	< 3.2 U	84.3	< 3.0 U	60.9								
G28	17.3	107_G042	677698.8	607218.0	3.3	2.8	14.0	14.5	On Site - RI/SI	460-22560-12	460225601	1/28/2011	Remaining	N	SO	N	Y	1.2 J	7.3	< 2.6 U	46.5	< 2.4 U	11.2 J								
G28	17.3	107_G042	677698.8	607218.0	-0.7	-1.2	18.0	18.5	On Site - RI/SI	460-22560-13	460225601	1/28/2011	Remaining	N	SO	N	Y	< 4.7 U	22.6	< 5.0 U	15.9 J	< 4.7 U	38.7								
G28	17.3	107_G042	677698.8	607218.0	-4.7	-5.2	22.0	22.5	On Site - RI/SI	460-22560-14	460225601	1/28/2011	Remaining	N	SO	N	Y	< 2.3 U	19.8	< 2.3 U	17.2	< 2.3 U	27.8								
G28	17.4	BS-G28	677708.9	607223.4	8.3	7.8	9.1	9.6	On Site	JC88881-7	JC88881	5/29/2019	Remaining	N	SO	N	Y	< 2.3 U	21.1	< 0.48 U	58.3	< 1.2 U	21.6								
G29	17.2	BS-G29	677733.4	607244.7	6.0	5.5	11.2	11.7	On Site	JC88881-3	JC88881	5/29/2019	Remaining	N	SO	N	Y	< 2.5 U	16.0	< 0.52 U	1550	< 1.3 U	23.3								
G30	16.9	107_G044	677742.1	607259.5	1.9	1.4	15.0	15.5	On Site - RI/SI	460-22560-32	460225601	1/28/2011	Remaining	N	SO	N	Y	< 3.4 U	25.6	< 3.6 U	33.8	< 3.4 U	29.7								
G30	16.9	107_G044	677742.1	607259.5	-2.1	-2.6	19.0	19.5	On Site - RI/SI	460-22560-33	460225601	1/28/2011	Remaining	N	SO	N	Y	< 2.2 U	17.7	< 2.4 U	17.1	< 2.2 U	18.4								
G30	16.9	107_G044	677742.1	607259.5	-6.1	-6.6	23.0	23.5	On Site - RI/SI	460-22560-34	460225601	1/28/2011	Remaining	N	SO	N	Y	< 2.2 U	11.6	< 2.3 U	8.5 J	< 2.2 U	17.6								
G30	16.7	BS-G30A	677760.6	607276.4	4.0	3.5	12.7	13.2	On Site	JC91019-2	JC91019	7/2/2019	Remaining	N	SO	N	Y	NA	NA	1.6	NA	NA	NA								
G30	16.7	BS-G30A	677760.6	607276.4	4.0	3.5	12.7	13.2	On Site	JC91019-2	JC91019	7/2/2019	Remaining	N	SO	N	Y	< 2.9 UJ-	13.8	1.3 J-	12.6	< 1.5 U	21.5								
G31	16.9	BS-G31	677787.2	607284.4	4.7	4.2	12.2	12.7	On Site	JC89754-2	JC89754	6/12/2019	Remaining	N	SO	N	Y	NA	NA	2.5	NA	NA	NA								
G31	16.9	BS-G31	677787.2	607284.4	4.7	4.2	12.2	12.7	On Site	JC89754-2	JC89754	6/12/2019	Remaining	N	SO	N	Y	< 2.3 U	166	3.7 J-	23.9	< 1.1 U	21.6								
G5	20.7	BS-G5	677221.6	606741.0	15.0	14.5	5.7	6.2	On Site	JC71368-2	JC71368	8/6/2018	Remaining	N	SO	Y	Y	< 2.2 U	18.9	5.9	12.6	< 1.1 U	22.1								
G5	20.8	BS-G5T	677213.7	606737.5	14.0	13.5	6.9	7.4	On Site	JC71067-6	JC71067	8/1/2018	Remaining	N	SO	Y	Y	< 2.4 U	82.3	5.2 J	16.4	< 1.2 U	29.4								
G5	18.0	FI001	677213.6	606756.9	10.0	9.5	8.0	8.5	On Site - RI/SI	JB53336-5	JB53336	11/15/2013	Remaining	N	SO	Y	Y	< 4.5 U	19.7	0.70	22.0	< 2.3 U	18.3								
G6	20.9	BS-G6A	677241.2	606769.9	12.5	12.0	8.4	8.9	On Site	JC71706-1	JC71706	8/10/2018	Remaining	N	SO	Y	Y	< 2.2 U	31.2	6.2	18.2	< 1.1 U	23.9								
G7	20.9	BS-G7A	677263.4	606784.0	14.5	14.0	6.4	6.9	On Site	JC71706-2	JC71706	8/10/2018	Remaining	N	SO	Y	Y	< 2.3 U	11.4	0.71	10.3	< 1.1 U	18.1								
G8	20.9	BS-G8	677280.9	606808.7	15.0	14.5	5.9	6.4	On Site	JC71945-4	JC71945	8/15/2018	Remaining	N	SO	Y	Y	NA	NA	0.71	NA	NA	NA								
G8	20.9	BS-G8	677280.9	606808.7	15.0	14.5	5.9	6.4	On Site	JC71945-4	JC71945	8/15/2018	Remaining	N	SO	Y	Y	< 2.4 U	25.3	< 0.48 UJ-	14.8	< 1.2 U	32.6								
J15	15.9	BS-J15	677376.4	607009.1	5.1	4.6	10.8	11.3	On Site	JC87075-6	JC87075	4/26/2019	Remaining	N	SO	N	Y	< 2.8 UJ-	96.2	< 0.55 UJ-	210	< 1.4 U	33.4								
J15	15.9	BS-J15	677376.4	607009.1	5.1	4.6	10.8	11.3	On Site	JC87075-6	JC87075	4/26/2019	Remaining	N	SO	N	Y	NA	NA	< 0.55 U	NA	NA	NA								
G9	20.8	BS-G9	677301.9	606829.6	14.5	14.0	6.3	6.8	On Site	JC72118-1	JC72118	8/17/2018	Remaining	N	SO	Y	Y	< 2.7 U	19.4	< 0.53 UJ	44.4	< 1.4 U	24.2								
G9	20.8	BS-G9	677301.9	606829.6	14.5	14.0	6.3	6.8	On Site	JC72118-2	JC72118	8/17/2018	Remaining	FD	SO	Y	Y	< 2.6 U	18.3	< 0.50 UJ	43.4	< 1.3 U	21.9								
H10	20.7	BS-H10A	677304.1	606871.1	12.0	11.5	8.7	9.2	On Site	JC89903-2	JC89903	6/14/2019	Remaining	N	SO	Y	Y	NA	NA	0.88	NA	NA	NA								
H10	20.7	BS-H10A	677304.1	606871.1	12.0	11.5	8.7	9.2	On Site	JC89903-2	JC89903	6/14/2019	Remaining	N	SO	Y	Y	< 2.4 U	18.9	< 0.48 UJ-	14.4	< 2.4 U	29.8								
H11	20.7	BS-H11	677324.0	606889.9	11.8	11.3	8.9	9.4	On Site	JC90188-2	JC90188	6/19/2019	Remaining	N	SO	Y	Y	NA	NA	0.69	NA	NA	NA								
H11	20.7	BS-H11	677324.0	606889.9	11.8	11.3	8.9	9.4	On Site	JC90188-2	JC90188	6/19/2019	Remaining	N	SO	Y	Y	< 2.3 U	14.3	< 0.49 UJ-	16.2	< 1.2 U	22.8								
H11	20.7	BS-H11D	677319.6	606903.4	10.0	9.5	10.6	11.1	On Site	JC78026-2	JC78026	11/15/2018	Remaining	N	SO	Y	Y	< 2.4 UJ-	12.7	1.5 J-	11.7	< 1.2 U	22								
H12	20.7	BS-H12	677341.8	606906.3	10.4	9.9	10.2	10.7	On Site	JC91019-3	JC91019	7/2/2019	Remaining	N																	

Table 3
Post Excavation Confirmation Samples
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As-Built Post Excavation Samples										Post Excavation Samples Laboratory References							Post Excavation Samples Laboratory Results							Notes							
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0		Vanadium 7440-62-2						
																		Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg						
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSCC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
H21	17.0	107_F036W	677536.9	607104.6	1.4	0.9	15.6	16.1	On Site	JC91324-2	JC91324	7/9/2019	Remaining	N	SO	N	Y	< 3.1 UJ-	23.9	1.4 RA	19.7	< 1.5 U	33.4	Rejected but usable due to confirmed reducing environment							
H22	17.1	107_F036E	677558.7	607125.6	1.4	0.9	15.7	16.2	On Site	JC91324-3	JC91324	7/9/2019	Remaining	N	SO	N	Y	NA	NA	<0.64 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
H22	17.1	107_F036E	677558.7	607125.6	1.4	0.9	15.7	16.2	On Site	JC91324-3	JC91324	7/9/2019	Remaining	N	SO	N	Y	< 3.2 UJ-	22.8	1.5 RA	18.2	< 1.6 U	35.2	Rejected but usable due to confirmed reducing environment							
H23	17.2	FD005	677584.6	607141.2	0.8	0.3	16.3	16.8	On Site	JC90225-2	JC90225	6/20/2019	Remaining	N	SO	N	Y	NA	NA	<0.63 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
H23	17.2	FD005	677584.6	607141.2	0.8	0.3	16.3	16.8	On Site	JC90225-2	JC90225	6/20/2019	Remaining	N	SO	N	Y	< 3.1 U	24.3	1.4 RA	26.7	< 1.5 U	37.6	Rejected but usable due to confirmed reducing environment							
H24	17.1	FD006	677606.1	607161.9	0.3	-0.2	16.8	17.3	On Site	JC90225-6	JC90225	6/20/2019	Remaining	N	SO	N	Y	NA	NA	<0.64 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
H24	17.1	FD006	677606.1	607161.9	0.3	-0.2	16.8	17.3	On Site	JC90225-6	JC90225	6/20/2019	Remaining	N	SO	N	Y	< 3.1 U	22.3	1.2 RA	21.5	< 1.5 U	35.3	Rejected but usable due to confirmed reducing environment							
H25	16.9	BS-H25A	677628.6	607185.9	3.8	3.3	13.1	13.6	On Site	JC91141-2	JC91141	7/3/2019	Remaining	N	SO	N	Y	< 2.6 U	4.5	< 0.52 U	29.0	< 1.3 U	7.3								
H26	16.8	107_F040	677634.6	607198.1	1.8	1.3	15.0	15.5	On Site - RI/SI	460-22638-8	460226381	1/31/2011	Remaining	N	SO	N	Y	< 3.1 U	15.6	< 3.3 U	61.6	< 3.1 U	25.9								
H26	16.8	107_F040	677634.6	607198.1	-2.2	-2.7	19.0	19.5	On Site - RI/SI	460-22638-9	460226381	1/31/2011	Remaining	N	SO	N	Y	< 2.7 U	18.1	< 2.9 U	93.0	< 2.7 U	28.3								
H26	16.8	107_F040	677634.6	607198.1	-5.7	-6.2	22.5	23.0	On Site - RI/SI	460-22638-10	460226381	1/31/2011	Remaining	N	SO	N	Y	< 2.3 U	7.1	< 2.4 U	6.6 J	< 2.3 U	9.7 J								
H26	16.9	BS-H26	677649.8	607200.3	5.8	5.3	11.1	11.6	On Site	JC89215-3	JC89215	6/4/2019	Remaining	N	SO	N	Y	NA	NA	< 0.61 U	NA	NA	NA								
H26	16.9	BS-H26	677649.8	607200.3	5.8	5.3	11.1	11.6	On Site	JC89215-3	JC89215	6/4/2019	Remaining	N	SO	N	Y	< 3.0 U	77.1	0.99 J-	206	< 1.5 U	44.5								
H27	16.6	BS-H27	677668.7	607225.0	7.2	6.7	9.4	9.9	On Site	JC89030-16	JC89030	5/31/2019	Remaining	N	SO	N	Y	< 4.0 UJ-	178	< 0.83 UJ	175	< 2.0 U	100								
H28	16.6	BS-H28	677689.6	607243.3	8.2	7.7	8.3	8.8	On Site	JC88881-6	JC88881	5/29/2019	Remaining	N	SO	N	Y	< 2.4 U	28.7	1.4	79.7	< 1.2 U	22.2								
H29	16.4	BS-H29	677718.9	607266.5	5.8	5.3	10.6	11.1	On Site	JC88881-4	JC88881	5/29/2019	Remaining	N	SO	N	Y	< 2.4 U	10.3	< 0.47 U	27.5	< 1.2 U	13								
H30	16.2	BS-H30	677740.4	607284.5	4.6	4.1	11.6	12.1	On Site	JC88724-3	JC88724	5/24/2019	Remaining	N	SO	N	Y	NA	NA	0.85	NA	NA	NA								
H30	16.2	BS-H30	677740.4	607284.5	4.6	4.1	11.6	12.1	On Site	JC88724-3	JC88724	5/24/2019	Remaining	N	SO	N	Y	< 2.7 UJ-	338	5.1 RA	97.7	< 1.3 U	23.5	Rejected but usable due to confirmed reducing environment							
H31	15.8	BS-H31	677759.9	607307.5	6.2	5.7	9.6	10.1	On Site	JC89587-2	JC89587	6/10/2019	Remaining	N	SO	N	Y	NA	NA	0.80	NA	NA	NA								
H31	15.8	BS-H31	677759.9	607307.5	6.2	5.7	9.6	10.1	On Site	JC89587-2	JC89587	6/10/2019	Remaining	N	SO	N	Y	< 2.7 U	360	7.6 J	58.4	< 1.3 U	22.8								
H5	17.2	BS-H5	677199.7	606769.2	13.9	13.4	3.3	3.8	On Site	JC71184-3	JC71184	8/2/2018	Remaining	N	SO	Y	Y	< 2.2 UJ-	25.8	1.5	16.4	< 1.1 U	34.8								
H5	16.9	BS-H5T	677190.3	606761.5	12.0	11.5	4.9	5.4	On Site	JC71067-11	JC71067	8/1/2018	Remaining	N	SO	Y	Y	< 2.4 U	20.5	0.68 J	15.3	< 1.2 U	26								
H5	18.0	F1002	677192.4	606778.1	14.0	13.5	4.0	4.5	On Site - RI/SI	JB53336-8	JB53336	11/15/2013	Remaining	N	SO	Y	Y	< 4.1 U	13.0	0.65	14.2	< 2.0 U	16.9								
H5	18.0	F1002	677192.4	606778.1	12.0	11.5	6.0	6.5	On Site - RI/SI	JB53336-9	JB53336	11/15/2013	Remaining	N	SO	Y	Y	< 4.1 U	14.3	0.50	17.5	< 2.0 U	19.9								
H5	18.0	F1002	677192.4	606778.1	10.0	9.5	8.0	8.5	On Site - RI/SI	JB53336-10	JB53336	11/15/2013	Remaining	N	SO	Y	Y	< 3.8 U	10.7	< 0.45 U	10.2	< 1.9 U	15.6								
H6	17.4	BS-H6	677215.5	606785.6	15.4	14.9	2.0	2.5	On Site	JC71184-6	JC71184	8/2/2018	Remaining	N	SO	Y	Y	< 2.2 UJ-	53.9	6	12.6	< 1.1 U	22.6								
H6	19.6	BS-H6T	677221.4	606793.6	11.8	11.3	7.8	8.3	On Site	JC71526-2	JC71526	8/8/2018	Remaining	N	SO	Y	Y	< 2.9 U	61.9	6.2	19.0	< 1.4 U	36.7								
H6	20.9	BS-H6TT	677233.5	606784.2	11.9	11.4	9.0	9.5	On Site	JC72669-2	JC72669	8/28/2018	Remaining	N	SO	Y	Y	< 2.4 U	27.1	3.6	9.5	< 1.2 U	24.2								
H7	20.8	BS-H7D	677237.8	606808.2	12.0	11.5	8.8	9.3	On Site	JC72521-2	JC72521	8/24/2018	Remaining	N	SO	Y	Y	NA	NA	7.6	NA	NA	NA								
H8	20.9	BS-H8	677259.2	606830.1	14.8	14.3	6.1	6.6	On Site	JC71945-5	JC71945	8/15/2018	Remaining	N	SO	Y	Y	NA	NA	17.8	NA	NA	NA								
H8	20.9	BS-H8	677259.2	606830.1	14.8	14.3	6.1	6.6	On Site	JC71945-5	JC71945	8/15/2018	Remaining	N	SO	Y	Y	< 2.5 U	185	14.0 J-	24.4	< 1.3 U	47.5								
H9	20.8	BS-H9	677291.2	606845.7	14.2	13.7	6.7	7.2	On Site	JC72118-3	JC72118	8/17/2018	Remaining	N	SO	Y	Y	< 2.3 U	17.0	< 0.46 UJ	13.9	< 1.2 U	25.9								
I10	20.7	BS-I10	606888.2	677284.5	11.6	11.1	9.2	9.7	On Site	JC86027-6	JC86027	4/9/2019	Remaining	N	SO	Y	Y	NA	NA	< 0.48 U	NA	NA	NA								
I10	20.7	BS-I10	606888.2	677284.5	11.6	11.1	9.2	9.7	On Site	JC86027-6	JC86027	4/9/2019	Remaining	N	SO	Y	Y	< 2.3 UJ-	19.6	< 0.48 UJ-	15.4	< 2.3 U	29.9								
I11	18.8	BS-I11	677304.2	606913.1	10.0	9.5	8.8	9.3	On Site	JC77451-2	JC77451	11/7/2018	Remaining	N	SO	Y	Y	NA	NA	1.2	NA	NA	NA								
I11	18.8	BS-I11	677304.2	606913.1	10.0	9.5	8.8	9.3	On Site	JC77451-2	JC77451	11/7/2018	Remaining	N	SO	Y	Y	< 2.3 UJ-	18.5	0.54 J-	14.8	< 2.3 U	29.3								
I12	17.1	107_E027	677326.8	606952.7	5.6	5.1	11.5	12.0	On Site - RI/SI	460-23077-25	460230771	2/14/2011	Remaining	N	SO	N	Y	< 2.2 U	15.5	< 2.3 U	15.6	< 2.2 U	21.1								
I12	17.1	107_E027	677326.8	606952.7	1.6	1.1	15.5	16.0	On Site - RI/SI	460-23077-26	460230771	2/14/2011	Remaining	N	SO	N	Y	< 2.2 U	20.7	< 2.3 U	14.1	< 2.2 U	24.3								
I12	17.9	BS-I12	677320.3	606938.9	9.8	9.3	8.1	8.6	On Site	JC86900-5	JC86900	4/24/2019	Remaining	N	SO	N	Y	NA	NA	<0.53 U	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
I12	17.9	BS-I12	677320.3	606938.9	9.8	9.3	8.1	8.6	On Site	JC86900-5	JC86900	4/24/2019	Remaining	N	SO	N	Y	< 2.6 U	14.9	<0.53 RA	15.6	< 1.3 U	21.8	Rejected but usable due to confirmed reducing environment							
I13	16.7	BS-I13D	677339.7	606966.4	7.6	7.1	9.1	9.6	On Site	JC87654-1	JC87654	5/7/2019	Remaining	N	SO	N	Y	NA	NA	0.57	NA	NA	NA								
I13	16.7	BS-I13D	677339.7	606966.4	7.6	7.1	9.1	9.6	On Site	JC87654-1	JC87654	5/7/2019	Remaining	N	SO	N	Y	< 2.6 UJ-	15.1	< 0.52 UJ-	15.5	< 1.3 U	22.4								
I13	17.0	ED003	677344.2	606952.5	9.0	8.5	8.0	8.5	On Site - RI/SI	JB52631-1	JB52631	11/8/2013	Remaining	N	SO	N	Y	1.7	30.0	0.76	23.1	< 0.64 U	24.5								
I14	16.2	BS-I14	677368.0	606976.2	7.3	6.8	9.0	9.5	On Site	JC80585-2	JC80585	12/28/2018	Remaining	N	SO	N	Y	NA	NA	< 0.60 U	NA	NA	NA								
I14	16.2	BS-I14	677368.0	606976.2	7.3	6.8	9.0	9.5	On Site	JC80585-2	JC80585	12/28/2018	Remaining	N	SO	N	Y	< 3.0													

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As-Built Post Excavation Samples										Post Excavation Samples Laboratory References							Post Excavation Samples Laboratory Results							Notes							
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0		Vanadium 7440-62-2						
																		Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg						
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSCC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
I17	15.3	107_E031	677415.1	607036.4	3.2	2.7	12.1	12.6	On Site	JC87843-3	JC87843	5/9/2019	Remaining	N	SO	N	Y	NA	NA	0.99 RA	NA	NA	NA	NA	Rejected but usable due to confirmed reducing environment						
SW	17.9	SW-A60 (6.0-6.5)	677189.1	606759.4	12.8	12.3	5.1	5.6	On Site	JC71067-10	JC71067	8/1/2018	Remaining	N	SO	Y	Y	< 2.5 U	23.7	1.0 J	15.1	< 1.2 U	25.4								
SW	20.6	SW-A61 (6.0-6.5)	677209.6	606738.2	13.7	13.2	6.9	7.4	On Site	JC71067-5	JC71067	8/1/2018	Remaining	N	SO	Y	Y	< 2.5 U	39.8	3.7 J	14.9	< 1.2 U	33.6								
I17	15.3	107_E031	677415.1	607036.4	3.2	2.7	12.1	12.6	On Site	JC87843-3	JC87843	5/9/2019	Remaining	N	SO	N	Y	< 2.8 UJ-	16.7	1.3 RA	18.7	< 1.4 U	17.1	Rejected but usable due to confirmed reducing environment							
I17	15.4	107_E031	677415.1	607036.4	-4.1	-4.6	19.5	20.0	On Site - RI/SI	460-23077-6	460230771	2/14/2011	Remaining	N	SO	N	Y	< 2.2 U	12.2	< 2.2 U	13.6	< 2.2 U	18.0								
I17	15.7	BS-I17S	677428.6	607024.4	4.4	3.9	11.3	11.8	On Site	JC87843-5	JC87843	5/9/2019	Remaining	N	SO	N	Y	NA	NA	0.73 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
I17	15.7	BS-I17S	677428.6	607024.4	4.4	3.9	11.3	11.8	On Site	JC87843-6	JC87843	5/9/2019	Remaining	FD	SO	N	Y	NA	NA	0.61 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
I17	15.7	BS-I17S	677428.6	607024.4	4.4	3.9	11.3	11.8	On Site	JC87843-5	JC87843	5/9/2019	Remaining	N	SO	N	Y	< 2.9 UJ-	10.0	2.1 RA	10.6	< 1.4 U	15.1	Rejected but usable due to confirmed reducing environment							
I17	15.7	BS-I17S	677428.6	607024.4	4.4	3.9	11.3	11.8	On Site	JC87843-6	JC87843	5/9/2019	Remaining	FD	SO	N	Y	< 2.7 UJ-	12.3	0.61 RA	12.0	< 1.3 U	18.9	Rejected but usable due to confirmed reducing environment							
I18	15.0	BS-I18	677454.0	607056.4	3.1	2.6	11.9	12.4	On Site	JC88380-4	JC88380	5/17/2019	Remaining	N	SO	N	Y	NA	NA	NA	NA	0.41	NA								
SW	19.2	SW-D10 (10.0-10.5)	607222.1	677794.7	9.2	8.7	10.0	10.5	Nickel Only	JC68303-7	JC68303	6/19/2018	Remaining	N	SO	N	Y	< 2.5 UJ-	19.0 J	< 0.50 UJ-	31.9	< 1.3 U	21.7								
SW	19.2	SW-D10 (10.0-10.5)	607222.1	677794.7	9.2	8.7	10.0	10.5	Nickel Only	JC68303-7	JC68303	6/19/2018	Remaining	N	SO	N	Y	NA	NA	< 0.50 UJ-T	NA	NA	NA								
SW	19.5	SW-D10 (15.5-16.0)	677786.1	607215.2	4.7	4.2	14.8	15.3	Nickel Only	JC69566-8	JC69566	7/10/2018	Remaining	N	SO	N	Y	< 3.0 U	13.9	0.73 J-	31.5	< 1.5 U	21.9								
I18	15.0	BS-I18	677454.0	607056.4	3.1	2.6	11.9	12.4	On Site	JC88380-4	JC88380	5/17/2019	Remaining	N	SO	N	Y	NA	NA	< 0.78 U	NA	NA	NA								
I18	15.0	BS-I18	677454.0	607056.4	3.1	2.6	11.9	12.4	On Site	JC88380-4	JC88380	5/17/2019	Remaining	N	SO	N	Y	< 4.0 U	32.8	< 0.78 UJ-	47.9	< 4.0 U	42								
I18	15.0	BS-I18D	677462.0	607066.1	1.4	0.9	13.6	14.1	On Site	JC88569-2	JC88569	5/22/2019	Remaining	N	SO	N	Y	< 2.7 U	16.8	0.76	13.0	< 1.4 U	25								
I19	15.0	BS-I19	677475.1	607080.4	2.6	2.1	12.4	12.9	On Site	JC88724-2	JC88724	5/24/2019	Remaining	N	SO	N	Y	NA	NA	1.3 RA	NA	0.27	NA	Rejected but usable due to confirmed reducing environment							
I19	15.0	BS-I19	677475.1	607080.4	2.6	2.1	12.4	12.9	On Site	JC88724-2	JC88724	5/24/2019	Remaining	N	SO	N	Y	< 3.1 UJ-	24.7	< 0.64 RA	22.2	< 3.1 U	35.4	Rejected but usable due to confirmed reducing environment							
I20	15.3	107_E034	677483.8	607095.2	0.8	0.3	14.5	15.0	On Site - RI/SI	460-22465-28	460224651	1/25/2011	Remaining	N	SO	N	Y	NA	NA	< 2.7 U	NA	NA	NA								
I20	15.3	107_E034	677483.8	607095.2	0.8	0.3	14.5	15.0	On Site - RI/SI	460-22465-28	460224651	1/25/2011	Remaining	N	SO	N	Y	< 2.7 U	16.9	< 2.8 U	12.7	< 2.7 U	18.6								
I20	15.3	107_E034	677483.8	607095.2	-3.2	-3.7	18.5	19.0	On Site - RI/SI	460-22465-29	460224651	1/25/2011	Remaining	N	SO	N	Y	NA	NA	< 2.5 U	NA	NA	NA								
I20	15.3	107_E034	677483.8	607095.2	-3.2	-3.7	18.5	19.0	On Site - RI/SI	460-22465-29	460224651	1/25/2011	Remaining	N	SO	N	Y	< 2.5 U	9.3	< 2.7 U	9.8 J	< 2.5 U	10.4 J								
I20	15.8	BS-I20	677498.4	607101.1	2.5	2.0	13.3	13.8	On Site	JC89357-2	JC89357	6/6/2019	Remaining	N	SO	N	Y	NA	NA	< 0.67 UJ	NA	NA	NA								
I20	15.8	BS-I20	677498.4	607101.1	2.5	2.0	13.3	13.8	On Site	JC89357-2	JC89357	6/6/2019	Remaining	N	SO	N	Y	< 3.4 U	20.9	1.6	20.3	< 1.7 U	34.9								
I21	16.3	BS-I21A	677521.0	607123.7	1.4	0.9	14.8	15.3	On Site	JC90188-4	JC90188	6/19/2019	Remaining	N	SO	N	Y	NA	NA	1.7	NA	NA	NA								
I21	16.3	BS-I21A	677521.0	607123.7	1.4	0.9	14.8	15.3	On Site	JC90188-4	JC90188	6/19/2019	Remaining	N	SO	N	Y	< 3.1 U	24.4	< 0.63 UJ-	19.4	< 1.5 U	33.7								
I22	16.2	BS-I22	677543.7	607140.3	1.1	0.6	15.1	15.6	On Site	JC90225-5	JC90225	6/20/2019	Remaining	N	SO	N	Y	NA	NA	< 0.70 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
I22	16.2	BS-I22	677543.7	607140.3	1.1	0.6	15.1	15.6	On Site	JC90225-5	JC90225	6/20/2019	Remaining	N	SO	N	Y	< 3.4 U	36.0	1.4 RA	27.8	< 1.7 U	49.1	Rejected but usable due to confirmed reducing environment							
I23	16.1	BS-I23	677565.5	607159.8	0.9	0.4	15.3	15.8	On Site	JC90225-3	JC90225	6/20/2019	Remaining	N	SO	N	Y	NA	NA	0.81 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
I23	16.1	BS-I23	677565.5	607159.8	0.9	0.4	15.3	15.8	On Site	JC90225-3	JC90225	6/20/2019	Remaining	N	SO	N	Y	< 3.2 U	23.5	< 0.65 RA	26.1	< 1.6 U	37.3	Rejected but usable due to confirmed reducing environment							
I24	16.3	BS-I24	677591.1	607178.2	0.4	-0.1	15.9	16.4	On Site	JC90225-4	JC90225	6/20/2019	Remaining	N	SO	N	Y	NA	NA	0.88 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
I24	16.3	BS-I24	677591.1	607178.2	0.4	-0.1	15.9	16.4	On Site	JC90225-4	JC90225	6/20/2019	Remaining	N	SO	N	Y	< 3.0 U	31.2	1.8 RA	25.0	< 1.5 U	47.6	Rejected but usable due to confirmed reducing environment							
I25	16.5	BS-I25	677613.8	607197.4	3.8	3.3	12.6	13.1	On Site	JC89754-4	JC89754	6/12/2019	Remaining	N	SO	N	Y	NA	NA	< 0.48 U	NA	NA	NA								
I25	16.5	BS-I25	677613.8	607197.4	3.8	3.3	12.6	13.1	On Site	JC89754-4	JC89754	6/12/2019	Remaining	N	SO	N	Y	< 2.3 U	7.5	< 0.48 UJ-	19.3	< 1.2 U	15.6								
I26	16.4	BS-I26	677636.1	607215.7	4.0	3.5	12.4	12.9	On Site	JC89215-4	JC89215	6/4/2019	Remaining	N	SO	N	Y	NA	NA	< 0.58 U	NA	NA	NA								
I26	16.4	BS-I26	677636.1	607215.7	4.0	3.5	12.4	12.9	On Site	JC89215-4	JC89215	6/4/2019	Remaining	N	SO	N	Y	3.8	9.5	< 0.58 UJ-	25.8	< 1.4 U	16.4								
I26	16.3	ED014	677630.2	607214.9	4.8	4.3	11.5	12.0	On Site - RI/SI	JB52135-3	JB52135	11/5/2013	Remaining	N	SO	N	Y	3.7	10.9	< 0.59 U	24.2	< 0.60 U	13.3								
I26	16.3	ED014	677630.2	607214.9	3.8	3.3	12.5	13.0	On Site - RI/SI	JB52135-4	JB52135	11/5/2013	Remaining	N	SO	N	Y	2.1	13.7	< 0.59 U	51.2	< 0.61 U	14.7								
I26	16.3	ED014	677630.2	607214.9	2.8	2.3	13.5	14.0	On Site - RI/SI	JB52135-5	JB52135	11/5/2013	Remaining	N	SO	N	Y	< 5.5 U	23.1	< 0.63 U	95.7	< 2.8 U	34.7								
I5	17.1	BS-I5A	677176.1	606789.7	11.4	10.9	5.7	6.2	On Site	JC85448-7	JC85448	3/29/2019	Remaining	N	SO	Y	Y	< 2.3 U	19.7	< 0.48 UJ	16.0	< 1.1 U	33.2								
I5	17.4	BS-I5T	677173.9	606781.9	11.8	11.3	5.6	6.1	On Site	JC71067-16	JC71067	8/1/2018	Remaining	N	SO	Y	Y	< 2.4 U	17.5	1.2 J	16.9	< 1.2 U	24.8								
I6	17.1	BS-I6A	677195.4	606808.7	12.7	12.2	4.4	4.9	On Site	JC85589-4	JC85589	4/2/2019	Remaining	N	SO	Y	Y	< 2.2 UJ-	20.5	1.1	12.8	< 1.1 U	25.4								
I6	19.5	BS-I6T	677204.3	606811.2	11.4	10.9	8.1	8.6	On Site	JC71526-3	JC71526	8/8/2018	Remaining	N	SO	Y	Y	< 3.0 U	183	15.8	24.4	< 1.5 U	68.5								
I7	19.7	BS-I7A	677218.8	606832.6	13.2	12.7	6.5	7.0	On Site	JC85965-2	JC85965	4/8/2019	Remaining	N	SO	Y	Y	NA	NA	0.66	NA	NA	NA								
I7	19.7	BS-I7A	677218.8	606832.6	13.2	12.7	6.5	7.0	On Site	JC85965-2	JC85965	4/8/2019																			

Table 3
Post Excavation Confirmation Samples
Remedial Action Report
Site 107, 18 Chapel Avenue,
Jersey City, New Jersey

As-Built Post Excavation Samples										Post Excavation Samples Laboratory References								Post Excavation Samples Laboratory Results							Notes						
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0	Vanadium 7440-62-2							
																		Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg							
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSCC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
J12	17.0	BS-J12	677307.0	606954.9	7.9	7.4	9.1	9.6	On Site	JC86900-6	JC86900	4/24/2019	Remaining	N	SO	N	Y	NA	NA	0.53 RA	NA	NA	NA	NA	Rejected but usable due to confirmed reducing environment						
J12	17.0	BS-J12	677307.0	606954.9	7.9	7.4	9.1	9.6	On Site	JC86900-6	JC86900	4/24/2019	Remaining	N	SO	N	Y	< 2.6 U	14.0	<0.51 RA	14.2	< 1.3 U	19.6	Rejected but usable due to confirmed reducing environment							
J12	16.7	BS-J12E	677299.3	606964.3	6.9	6.4	9.8	10.3	On Site	JC87428-2	JC87428	5/2/2019	Remaining	N	SO	N	Y	NA	NA	NA	31.9	NA	NA	NA							
SW	19.9	SW-D5 (10.0-10.5)A	677722.3	607165.3	9.0	8.5	10.9	11.4	Nickel Only	JC74360-2	JC74360	9/21/2018	Remaining	N	SO	N	Y	NA	NA	NA	NA	NA	NA	24.8							
J12	16.5	DD006	677299.4	606969.3	8.5	8.0	8.0	8.5	On Site - RI/SI	JB52135-12	JB52135	11/5/2013	Remaining	N	SO	N	Y	3.7	205	< 0.58 U	83.7	< 0.62 U	32.6								
J13	16.6	BS-J13	677329.6	606971.7	7.6	7.1	9.0	9.5	On Site	JC87075-3	JC87075	4/26/2019	Remaining	N	SO	N	Y	NA	NA	< 0.55 U	NA	NA	NA	NA							
J13	16.6	BS-J13	677329.6	606971.7	7.6	7.1	9.0	9.5	On Site	JC87075-3	JC87075	4/26/2019	Remaining	N	SO	N	Y	< 2.7 UJ-	216	< 0.55 UJ-	67.4	< 1.3 U	43								
J14	16.3	107_E028a	677344.4	606980.7	7.3	6.8	9.0	9.5	On Site - RI/SI	460-23077-17	460230771	2/14/2011	Remaining	N	SO	N	Y	< 2.2 U	14.2	< 2.2 U	11.4	< 2.2 U	21.0								
J14	16.3	107_E028a	677344.4	606980.7	7.3	5.8	10.0	10.5	On Site - RI/SI	460-23077-18	460230771	2/14/2011	Remaining	N	SO	N	Y	< 2.4 U	14.4	< 2.5 U	73.9	< 2.4 U	16.7								
J14	16.3	107_E028a	677344.4	606980.7	2.3	1.8	14.0	14.5	On Site - RI/SI	460-23077-19	460230771	2/14/2011	Remaining	N	SO	N	Y	< 2.2 U	15.5	< 2.2 U	13.5	< 2.2 U	22.5								
J14	16.3	107_E028a	677344.4	606980.7	-1.7	-2.2	18.0	18.5	On Site - RI/SI	460-23077-20	460230771	2/14/2011	Remaining	N	SO	N	Y	< 2.1 U	15.0	< 2.2 U	13.3	< 2.1 U	21.1								
J14	16.1	BS-J14	677353.1	606993.0	7.6	7.1	8.5	9.0	On Site	JC87075-4	JC87075	4/26/2019	Remaining	N	SO	N	Y	NA	NA	< 0.56 U	NA	NA	NA	NA							
J14	16.1	BS-J14	677353.1	606993.0	7.6	7.1	8.5	9.0	On Site	JC87075-4	JC87075	4/26/2019	Remaining	N	SO	N	Y	2.9 J-	92.0	< 0.56 UJ-	356	< 1.4 U	33.5								
J15	15.9	BS-J15	677376.4	607009.1	5.1	4.6	10.8	11.3	On Site	JC87654-4	JC87654	5/7/2019	Remaining	N	SO	N	Y	NA	NA	< 0.56 U	NA	NA	NA	NA							
J15	15.9	BS-J15	677376.4	607009.1	5.1	4.6	10.8	11.3	On Site	JC87654-4	JC87654	5/7/2019	Remaining	N	SO	N	Y	< 2.9 UJ-	14.0	< 0.56 UJ-	18.3	< 1.4 U	19.9								
J16	15.7	BS-J16S	677394.1	607025.4	4.1	3.6	11.5	12.0	On Site	JC87843-4	JC87843	5/9/2019	Remaining	N	SO	N	Y	NA	NA	2.6 RA	NA	NA	NA	NA	Rejected but usable due to confirmed reducing environment						
J16	15.7	BS-J16S	677394.1	607025.4	4.1	3.6	11.5	12.0	On Site	JC87843-4	JC87843	5/9/2019	Remaining	N	SO	N	Y	< 2.7 UJ-	12.7	0.69 RA	11.3	< 1.3 U	18.7	Rejected but usable due to confirmed reducing environment							
J17	15.2	BS-J17	677418.2	607046.2	3.4	2.9	11.7	12.2	On Site	JC87941-2	JC87941	5/10/2019	Remaining	N	SO	N	Y	NA	NA	< 0.53 RA	NA	NA	NA	NA	Rejected but usable due to confirmed reducing environment						
J17	15.2	BS-J17	677418.2	607046.2	3.4	2.9	11.7	12.2	On Site	JC87941-2	JC87941	5/10/2019	Remaining	N	SO	N	Y	< 2.6 U	10.9	< 0.53 RA	9.1	< 1.3 U	16.4	Rejected but usable due to confirmed reducing environment							
J18	15.0	BS-J18	677442.3	607068.6	2.8	2.3	12.2	12.7	On Site	JC88380-5	JC88380	5/17/2019	Remaining	N	SO	N	Y	NA	NA	0.98 R	NA	NA	NA	NA	Rejected but usable due to confirmed reducing environment						
J18	15.0	BS-J18	677442.3	607068.6	2.8	2.3	12.2	12.7	On Site	JC88380-5	JC88380	5/17/2019	Remaining	N	SO	N	Y	< 3.2 U	23.2	< 0.66 UJ-	22.6	< 1.6 U	34.4								
J5	17.9	BS-J5	677150.8	606807.8	13.2	12.7	4.7	5.2	On Site	JC85175-6	JC85175	3/26/2019	Remaining	N	SO	Y	Y	< 2.1 UJ-	25.3	0.57	20.5	< 1.1 U	27.8								
SW	19.2	SW-D7 (10.0-10.5)	677738.9	607195.3	8.1	7.6	11.1	11.6	Nickel Only	JC69982-2	JC69982	7/16/2018	Remaining	N	SO	N	Y	< 2.5 UJ-	37.6	0.82	69.4	< 2.5 U	53.4								
SW	19.3	SW-D7 (12.0-12.5)	677741.0	607193.0	6.1	5.6	13.2	13.7	Nickel Only	JC69982-3	JC69982	7/16/2018	Remaining	N	SO	N	Y	< 2.7 UJ-	20.3	1.6	4560	< 1.3 U	20.2	Nickel exceedance within "Nickel Only Area"							
J5	18.0	DD003	677148.6	606805.0	12.0	11.5	6.0	6.5	On Site - RI/SI	JB52631-31	JB52631	11/8/2013	Remaining	N	SO	Y	Y	< 0.91 U	11.4	< 0.48 U	7.7	< 0.90 U	28.1								
SW	19.5	SW-D7 (16.0-16.5)	677744.7	607188.3	2.1	1.6	17.4	17.9	Nickel Only	JC69982-5	JC69982	7/16/2018	Remaining	N	SO	N	Y	< 2.7 UJ-	18.4	< 0.56 U	605	< 1.4 U	24.2								
SW	19.1	SW-D7 (8.0-8.5)A	677736.8	607197.4	10.1	9.6	9.0	9.5	Nickel Only	JC75510-8	JC75510	10/8/2018	Remaining	N	SO	Y	Y	NA	NA	1.0	NA	NA	NA								
SW	19.1	SW-D7 (8.0-8.5)A	677736.8	607197.4	10.1	9.6	9.0	9.5	Nickel Only	JC75510-8	JC75510	10/8/2018	Remaining	N	SO	Y	Y	< 2.3 U	21.3	< 0.46 UJ-	63.9	< 1.2 U	20.0								
J5	18.0	DD003	677148.6	606805.0	10.0	9.5	8.0	8.5	On Site - RI/SI	JB52631-32	JB52631	11/8/2013	Remaining	N	SO	Y	Y	< 8.6 U	15.4	< 0.46 U	< 17 U	< 4.3 U	< 22 U	Antimony and thallium detection limit exceedance of IGWSSL in unsaturated zone due to interfering element. These exceedances are addressed in Appendix E.							
J5	18.0	DD004	677138.0	606815.6	12.0	11.5	6.0	6.5	On Site - RI/SI	JB52631-26	JB52631	11/8/2013	Remaining	N	SO	Y	Y	< 0.96 U	9.5	< 0.48 U	7.5	< 0.48 U	8.7								
J5	18.0	DD004	677138.0	606815.6	10.0	9.5	8.0	8.5	On Site - RI/SI	JB52631-27	JB52631	11/8/2013	Remaining	N	SO	Y	Y	< 8.0 U	12.4	< 0.45 U	< 16 U	< 4.0 U	< 20 U	Antimony and thallium detection limit exceedance of IGWSSL in unsaturated zone due to interfering element. These exceedances are addressed in Appendix E.							
J6	17.8	BS-J6	677175.3	606830.3	12.5	12.0	5.4	5.9	On Site	JC85589-2	JC85589	4/2/2019	Remaining	N	SO	Y	Y	< 2.5 UJ-	8.4	< 0.50 U	11.3	< 1.3 U	12.1								
J6	17.9	BS-J6T	677183.6	606823.0	10.0	9.5	7.9	8.4	On Site	JC85861-4	JC85861	4/5/2019	Remaining	N	SO	Y	Y	NA	NA	< 0.47 UJ-	NA	NA	NA	NA							
J6	17.9	BS-J6T	677183.6	606823.0	10.0	9.5	7.9	8.4	On Site	JC85861-4	JC85861	4/5/2019	Remaining	N	SO	Y	Y	< 2.3 U	18.6	< 0.47 U	13.4	< 1.1 U	25.3								
SW	19.2	SW-D9 (12.0-12.5)	677780.2	607222.9	6.1	5.6	13.1	13.6	Nickel Only	JC68675-3	JC68675	6/25/2018	Remaining	N	SO	N	Y	< 2.8 U	4.5	< 0.55 UJ-	71.4	< 1.4 U	8.3								
SW	19.2	SW-D9 (12.0-12.5)	677780.2	607222.9	6.1	5.6	13.1	13.6	Nickel Only	JC68675-3	JC68675	6/25/2018	Remaining	N	SO	N	Y	NA	NA	< 0.55 U	NA	NA	NA	NA							
SW	19.3	SW-D9 (14.0-14.5)	677783.6	607222.1	5.0	4.5	14.3	14.8	Nickel Only	JC68947-2	JC68947	6/28/2018	Remaining	N	SO	N	Y	< 2.7 U	8.4	< 0.54 R	72.4 J	< 1.3 U	19.3								
J7	18.0	107_D021	677185.1	606845.9	11.5	11.0	6.5	7.0	On Site - RI/SI	460-23116-17	460231161	2/15/2011	Remaining	N	SO	Y	Y	< 2.4 U	8.1	< 2.4 U	10.8	< 2.4 U	11.3 J								
J7	18.0	107_D021	677185.1	606845.9	7.5	7.0	10.5	11.0	On Site - RI/SI	460-23116-18	460231161	2/15/2011	Remaining	N	SO	N	Y	< 2.2 U	18.4	< 2.2 U	11.5	< 2.2 U	18.8								
SW	19.4	SW-D10 (12.0-12.5)A	677791.9	607220.7	6.5	6.0	13.0	13.5	Nickel Only	JC69566-2	JC69566	7/10/2018	Remaining	N	SO	N	Y	NA	NA	NA	403	NA	NA								
J7	18.0	BS-J7	677195.1	606850.7	13.2	12.7	4.8	5.3	On Site	JC85965-3	JC85965	4/8/2019	Remaining	N	SO	Y	Y	NA	NA	0.52	NA	NA	NA	NA							
J7	18.0	BS-J7	677195.1	606850.7	13.2	12.7	4.8	5.3	On Site	JC85965-3	JC85965	4/8/2019	Remaining	N	SO	Y	Y	< 2.5 UJ-	19.7	< 0.49 U	15.9	< 1.2 U	29.4								
J7	18.1	BS-J7T	677205.2	606843.7	10.2	9.7	8.0	8.5	On Site	JC85965-5	JC85965	4/8/2019	Remaining	N	SO	Y	Y	NA	NA	< 0.49 U	NA	NA	NA	NA							
J7	18.1	BS-J7T	677205.2	606843.7	10.2	9.7	8.0	8.5	On Site	JC85965-5	JC85965	4/8/2019	Remaining	N	SO	Y	Y														

Table 3
Post Excavation Confirmation Samples
Remedial Action Report
Site 107, 18 Chapel Avenue,
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As-Built Post Excavation Samples										Post Excavation Samples Laboratory References							Post Excavation Samples Laboratory Results							Notes																				
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0		Vanadium 7440-62-2																			
																		Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg																			
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA																				
																		CrSSC (G20)	NA	120000	20	NA	NA	NA																				
																		IGWSSL (G21)	6	NA	NA	NA	3	NA																				
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA																				
																		SSRS (G20)	NA	NA	NA	NA	390																					
K6	17.9	BS-K6T	677152.9	606858.8	11.7	11.2	6.2	6.7	On Site	JC85965-7	JC85965	4/8/2019	Remaining	N	SO	Y	Y		< 2.5 UJ-	15.4	< 0.50 U	11.7	< 1.3 U	26.3																				
K7	17.9	BS-K7	677180.6	606870.2	13.0	12.5	4.9	5.4	On Site	JC85965-4	JC85965	4/8/2019	Remaining	N	SO	Y	Y		NA	NA	0.92	NA	NA	NA																				
K7	17.9	BS-K7	677180.6	606870.2	13.0	12.5	4.9	5.4	On Site	JC85965-4	JC85965	4/8/2019	Remaining	N	SO	Y	Y		< 2.5 UJ-	20.0	< 0.50 U	15.7	< 1.2 U	30.7																				
K7	17.9	BS-K7T	677177.2	606875.8	11.8	11.3	6.0	6.5	On Site	JC85965-6	JC85965	4/8/2019	Remaining	N	SO	Y	Y		NA	NA	< 0.51 U	NA	NA	NA																				
K7	17.9	BS-K7T	677177.2	606875.8	11.8	11.3	6.0	6.5	On Site	JC85965-6	JC85965	4/8/2019	Remaining	N	SO	Y	Y		< 2.6 UJ-	11.7	< 0.51 U	13.3	< 1.3 U	17.6																				
K8	18.0	BS-K8A	677199.3	606891.5	11.3	10.8	6.7	7.2	On Site	JC86304-2	JC86304	4/12/2019	Remaining	N	SO	Y	Y		NA	NA	0.68	NA	NA	NA																				
K8	18.0	BS-K8A	677199.3	606891.5	11.3	10.8	6.7	7.2	On Site	JC86304-2	JC86304	4/12/2019	Remaining	N	SO	Y	Y		< 2.4 UJ-	13.8	< 0.48 UJ-	12.0	< 1.2 U	20																				
SW	20.5	SW-D1 (10.0-10.5)	677751.5	607155.0	10.4	9.9	10.1	10.6	Nickel Only	JC69982-16	JC69982	7/16/2018	Remaining	N	SO	Y	Y		< 2.5 UJ-	28.4	< 0.49 U	314	< 1.3 U	31.6																				
SW	20.5	SW-D1 (12.0-12.5)	677750.4	607157.5	8.4	7.9	12.0	12.5	Nickel Only	JC69982-17	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.3 UJ-	20.1	< 0.46 U	47.2	< 1.1 U	23.3																				
SW	20.4	SW-D1 (14.0-14.5)	677747.7	607160.9	6.4	5.9	13.9	14.4	Nickel Only	JC69982-18	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.5 UJ-	43.5	0.76	49.3	< 1.2 U	25																				
SW	20.3	SW-D1 (16.0-16.5)	677746.7	607163.5	4.4	3.9	15.9	16.4	Nickel Only	JC69982-19	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.8 UJ-	29.2	< 0.56 U	830	< 1.4 U	32.7																				
SW	20.2	SW-D1 (18.0-18.5)	677745.5	607167.0	2.4	1.9	17.8	18.3	Nickel Only	JC69982-20	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 3.4 UJ-	21.2	1.6	22.6	< 1.7 U	33.6																				
SW	20.2	SW-D1 (20.0-20.5)	677744.2	607169.5	0.5	0.0	19.7	20.2	Nickel Only	JC69982-21	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 3.7 UJ-	15.4	1.6	120	< 1.9 U	23.3																				
SW	20.6	SW-D1 (8.0-8.5)	677752.7	607153.2	12.4	11.9	8.2	8.7	Nickel Only	JC69982-15	JC69982	7/16/2018	Remaining	N	SO	Y	Y		< 2.2 UJ-	18.8	< 0.44 U	57.6	< 1.1 U	19.8																				
SW	19.5	SW-D10 (14.0-14.5)	677788.6	607217.4	4.8	4.3	14.7	15.2	Nickel Only	JC68947-3	JC68947	6/28/2018	Remaining	N	SO	N	Y		< 3.0 U	17.6	1.3 RA	95.8 J	< 1.5 U	23.3	Rejected but usable due to confirmed reducing environment																			
SW	20.4	SW-D11 (10.0-10.5)	677735.1	607152.9	9.9	9.4	10.5	11.0	Nickel Only	JC70061-7	JC70061	7/17/2018	Remaining	N	SO	N	Y		NA	NA	< 0.50 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment																			
SW	20.4	SW-D11 (10.0-10.5)	677735.1	607152.9	9.9	9.4	10.5	11.0	Nickel Only	JC70061-7	JC70061	7/17/2018	Remaining	N	SO	N	Y		< 2.5 UJ-	19.0	0.99 J-	900	< 1.2 U	21.8	Nickel exceedance within "Nickel Only Area"																			
SW	20.3	SW-D11 (12.0-12.5)	677735.3	607155.9	8.0	7.5	12.3	12.8	Nickel Only	JC69982-27	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.7 UJ-	22.0	0.67 J-	457	< 1.3 U	25.7																				
SW	20.3	SW-D11 (12.0-12.5)	677735.3	607155.9	8.0	7.5	12.3	12.8	Nickel Only	JC69982-27	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	< 0.52 U	NA	NA	NA																				
SW	20.3	SW-D11 (14.0-14.5)	677736.1	607158.9	5.9	5.4	14.4	14.9	Nickel Only	JC69982-26	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.8 UJ-	17.3	0.61 J-	244	< 1.4 U	24.7																				
SW	20.3	SW-D11 (14.0-14.5)	677736.1	607158.9	5.9	5.4	14.4	14.9	Nickel Only	JC69982-26	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	< 0.58 U	NA	NA	NA																				
SW	20.2	SW-D11 (16.0-16.5)	677738.2	607163.1	3.9	3.4	16.3	16.8	Nickel Only	JC69982-25	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.8 UJ-	8.9	1.2 J-	6.6	< 1.4 U	11.2																				
SW	20.2	SW-D11 (16.0-16.5)	677738.2	607163.1	3.9	3.4	16.3	16.8	Nickel Only	JC69982-25	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	0.56	NA	NA	NA																				
SW	20.2	SW-D11 (18.0-18.5)	677739.2	607165.5	1.9	1.4	18.3	18.8	Nickel Only	JC69982-24	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 3.6 UJ-	18.9	< 0.69 UJ-	30.1	< 1.8 U	29.4																				
SW	20.2	SW-D11 (18.0-18.5)	677739.2	607165.5	1.9	1.4	18.3	18.8	Nickel Only	JC69982-24	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	1.6	NA	NA	NA																				
SW	20.2	SW-D11 (20.0-20.5)	677739.3	607166.4	0.1	-0.4	20.1	20.6	Nickel Only	JC69982-23	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 3.3 UJ-	17.5	2.9 J-	16.9	< 1.6 U	26.3																				
SW	20.2	SW-D11 (20.0-20.5)	677739.3	607166.4	0.1	-0.4	20.1	20.6	Nickel Only	JC69982-23	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	0.81	NA	NA	NA																				
SW	20.4	SW-D11 (8.0-8.5)	677734.6	607150.4	11.9	11.4	8.5	9.0	Nickel Only	JC70061-6	JC70061	7/17/2018	Remaining	N	SO	Y	Y		NA	NA	< 0.62 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment																			
SW	20.4	SW-D11 (8.0-8.5)	677734.6	607150.4	11.9	11.4	8.5	9.0	Nickel Only	JC70061-6	JC70061	7/17/2018	Remaining	N	SO	Y	Y		< 3.0 UJ-	18.9	1.7 J-	183	< 1.5 U	27.6																				
SW	19.5	SW-D13 (8.0-8.5)	677825.6	607234.8	10.9	10.4	8.6	9.1	Nickel Only	JC94207-5	JC94207	8/30/2019	Remaining	N	SO	Y	Y		NA	NA	0.61	NA	NA	NA																				
SW	19.5	SW-D13 (8.0-8.5)	677825.6	607234.8	10.9	10.4	8.6	9.1	Nickel Only	JC94207-5	JC94207	8/30/2019	Remaining	N	SO	Y	Y		< 2.4 UJ-	27.6 J	0.81 J-	71.1	< 1.2 U	30.1																				
SW	20.1	SW-D2 (10.0-10.5)A	677768.9	607176.6	10.4	9.9	9.7	10.2	Nickel Only	JC77638-8	JC77638	11/9/2018	Remaining	N	SO	Y	Y		NA	NA	< 0.48 U	NA	NA	NA																				
SW	20.1	SW-D2 (10.0-10.5)A	677768.9	607176.6	10.4	9.9	9.7	10.2	Nickel Only	JC77638-8	JC77638	11/9/2018	Remaining	N	SO	Y	Y		< 2.4 UJ-	19.3	1.6 J-	50.4	< 1.2 U	19.4																				
SW	20.2	SW-D2 (12.0-12.5)	677762.6	607173.5	8.1	7.6	12.1	12.6	Nickel Only	JC68783-8	JC68783	6/26/2018	Remaining	N	SO	N	Y		< 2.4 UJ-	19.8	< 0.50 UJ-	59.2	< 1.2 U	22.2																				
SW	20.1	SW-D2 (14.0-14.5)	677760.5	607174.7	6.4	5.9	13.8	14.3	Nickel Only	JC69982-7	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.7 UJ-	18.7	1.7	44.8	< 1.3 U	20.8																				
SW	20.1	SW-D2 (16.0-16.5)	677758.2	607176.0	4.4	3.9	15.7	16.2	Nickel Only	JC69982-8	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.9 UJ-	14.3	1.6	15.3	< 1.4 U	23.9																				
SW	20.1	SW-D2 (18.0-18.5)	677755.8	607177.9	2.4	1.9	17.6	18.1	Nickel Only	JC69982-9	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.9 UJ-	16.2	< 0.59 U	13.4	< 1.4 U	25.1																				
SW	20.0	SW-D2 (20.0-20.5)	677752.5	607180.9	0.5	0.0	19.5	20.0	Nickel Only	JC69982-10	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.8 UJ-	24.3	< 0.59 U	788	< 1.4 U	27																				
SW	20.8	SW-D1 (0.0-0.5)	677759.8	607144.5	20.3	19.8	0.5	1.0	On Site	JC69982-11	JC69982	7/16/2018	Remaining	N	SO	Y	Y		< 2.1 UJ-	28.5	0.43	30.4	< 1.1 U	69.2																				
SW	20.2	SW-D2 (8.0-8.5)A	677771.5	607174.2	12.3	11.8	8.0	8.5	Nickel Only	JC77638-7	JC77638	11/9/2018	Remaining	N	SO	Y	Y		NA	NA	1.1	NA	NA	NA																				
SW	20.2	SW-D2 (8.0-8.5)A	677771.5	607174.2	12.3	11.8	8.0	8.5	Nickel Only	JC77638-7	JC77638	11/9/2018	Remaining	N	SO	Y	Y		< 2.4 UJ-	26.9	< 0.48 UJ-	54.7	< 1.2 U	32.7																				
SW	20.7	SW-D1 (2.0-2.5)	677757.7	607146.9	18.4	17.9	2.3	2.8	On Site	JC69982-12	JC69982	7/16/2018	Remaining	N	SO	Y	Y		< 2.3 UJ-	78.3	0.97</																							

Table 3
Post Excavation Confirmation Samples
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Site 107, 18 Chapel Avenue,
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As-Built Post Excavation Samples										Post Excavation Samples Laboratory References								Post Excavation Samples Laboratory Results							Notes						
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0	Vanadium 7440-62-2							
																		Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg							
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSCC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
SW	20.4	SW-D11 (6.0-6.5)	677733.5	607146.7	13.9	13.4	6.5	7.0	On Site	JC70061-5	JC70061	7/17/2018	Remaining	N	SO	Y	Y		< 2.2 UJ-	20.3	0.63 J-	73.8	< 1.1 U	23.2							
SW	20.7	SW-D12 (2.2-2.7)	677739.1	607136.5	17.9	17.4	2.8	3.3	On Site	JC75269-2	JC75269	10/4/2018	Remaining	N	SO	Y	Y		NA	NA	< 0.44 U	NA	NA	NA							
SW	20.7	SW-D12 (2.2-2.7)	677739.1	607136.5	17.9	17.4	2.8	3.3	On Site	JC75269-2	JC75269	10/4/2018	Remaining	N	SO	Y	Y		< 2.2 U	24.5	0.88 J-	20.7	< 1.1 U	27.5							
SW	19.9	SW-D4 (8.0-8.5)A	677803.5	607211.0	11.9	11.4	8.0	8.5	Nickel Only	JC78304-11	JC78304	11/20/2018	Remaining	N	SO	Y	Y		< 2.4 U	23.5	< 0.47 U	71.7	< 1.2 U	22.8							
SW	19.9	SW-D5 (12.0-12.5)	677725.2	607167.6	6.9	6.4	13.1	13.6	Nickel Only	JC70061-14	JC70061	7/17/2018	Remaining	N	SO	N	Y		NA	NA	< 0.48 U	NA	NA	NA							
SW	19.9	SW-D5 (12.0-12.5)	677725.2	607167.6	6.9	6.4	13.1	13.6	Nickel Only	JC70061-14	JC70061	7/17/2018	Remaining	N	SO	N	Y		< 2.4 UJ-	6.4	0.72 J-	446	< 1.2 U	11.1							
SW	20.0	SW-D5 (14.0-14.5)	677727.3	607169.0	4.9	4.4	15.1	15.6	Nickel Only	JC69982-36	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.3 UJ-	15.5	< 0.49 UJ-	231	< 1.2 U	19.2							
SW	20.0	SW-D5 (14.0-14.5)	677727.3	607169.0	4.9	4.4	15.1	15.6	Nickel Only	JC69982-36	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	< 0.49 U	NA	NA	NA							
SW	20.0	SW-D5 (16.0-16.5)	677729.9	607171.9	2.8	2.3	17.2	17.7	Nickel Only	JC69982-35	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.7 UJ-	14.8	< 0.56 UJ-	11.5	< 1.4 U	23.5							
SW	20.0	SW-D5 (16.0-16.5)	677729.9	607171.9	2.8	2.3	17.2	17.7	Nickel Only	JC69982-35	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	0.80	NA	NA	NA							
SW	20.0	SW-D5 (18.0-18.5)	677732.8	607174.5	0.9	0.4	19.1	19.6	Nickel Only	JC69982-34	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.6 UJ-	11.2	0.55 J-	265	< 1.3 U	17.7							
SW	20.0	SW-D5 (18.0-18.5)	677732.8	607174.5	0.9	0.4	19.1	19.6	Nickel Only	JC69982-34	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	0.53	NA	NA	NA							
SW	20.0	SW-D5 (20.0-20.5)	677734.3	607174.9	0.1	-0.4	19.9	20.4	Nickel Only	JC69982-33	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	1.4 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment						
SW	20.0	SW-D5 (20.0-20.5)	677734.3	607174.9	0.1	-0.4	19.9	20.4	Nickel Only	JC69982-33	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.6 U	11.8	0.87 J-	14.6	< 1.3 U	21.9	Laboratory report presents sample ID as SW-D7(20-20.5).						
SW	20.0	SW-D5 (20.0-20.5)	677734.3	607174.9	0.1	-0.4	19.9	20.4	Nickel Only	JC69982-33	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	1.4R	NA	NA	NA	Laboratory report presents sample ID as SW-D7(20-20.5). Rejected but usable due to confirmed reducing environment.						
SW	20.7	SW-D12 (4.0-4.5)	677739.6	607138.9	16.6	16.1	4.1	4.6	On Site	JC75269-3	JC75269	10/4/2018	Remaining	N	SO	Y	Y		NA	NA	< 0.46 U	NA	NA	NA							
SW	20.7	SW-D12 (4.0-4.5)	677739.6	607138.9	16.6	16.1	4.1	4.6	On Site	JC75269-3	JC75269	10/4/2018	Remaining	N	SO	Y	Y		< 2.2 U	33.7	1.1 J-	60.1	< 1.1 U	35.2							
SW	20.6	SW-D12 (6.0-6.5)	677740.7	607143.0	14.7	14.2	6.0	6.5	On Site	JC75269-4	JC75269	10/4/2018	Remaining	N	SO	Y	Y		NA	NA	0.88	NA	NA	NA							
SW	20.6	SW-D12 (6.0-6.5)	677740.7	607143.0	14.7	14.2	6.0	6.5	On Site	JC75269-4	JC75269	10/4/2018	Remaining	N	SO	Y	Y		< 2.2 U	21.3	1.1 J-	136	< 1.1 U	24.4							
SW	19.8	SW-D5 (8.0-8.5)	677720.1	607164.7	10.9	10.4	8.9	9.4	Nickel Only	JC70061-12	JC70061	7/17/2018	Remaining	N	SO	Y	Y		NA	NA	< 0.49 U	NA	NA	NA							
SW	19.8	SW-D5 (8.0-8.5)	677720.1	607164.7	10.9	10.4	8.9	9.4	Nickel Only	JC70061-12	JC70061	7/17/2018	Remaining	N	SO	Y	Y		< 2.4 UJ-	20.5	2.1 J-	287	< 1.2 U	24.5							
SW	19.6	SW-D6 (10.0-10.5)	677722.6	607177.7	7.6	7.1	12.0	12.5	Nickel Only	JC69982-32	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 24 UJ-	22.5	3.7J-	9940	< 1.2 U	25.4	Nickel exceedance within "Nickel Only Area"						
SW	19.6	SW-D6 (10.0-10.5)	677722.6	607177.7	7.6	7.1	12.0	12.5	Nickel Only	JC69982-32	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	3.7	NA	NA	NA							
SW	19.7	SW-D6 (12.0-12.5)	677725.0	607177.4	5.7	5.2	14.0	14.5	Nickel Only	JC69982-37	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.7 UJ-	5.3	< 0.51 UJ-	2270	< 1.3 U	9.8	Nickel exceedance within "Nickel Only Area"						
SW	19.7	SW-D6 (12.0-12.5)	677725.0	607177.4	5.7	5.2	14.0	14.5	Nickel Only	JC69982-37	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	< 0.51 U	NA	NA	NA							
SW	19.7	SW-D6 (14.0-14.5)	677726.2	607176.9	3.7	3.2	16.0	16.5	Nickel Only	JC69982-31	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 28 UJ-	19.3	< 0.53 UJ-	12600	< 1.4 U	19.7	Nickel exceedance within "Nickel Only Area"						
SW	19.7	SW-D6 (14.0-14.5)	677726.2	607176.9	3.7	3.2	16.0	16.5	Nickel Only	JC69982-31	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	< 0.53 U	NA	NA	NA							
SW	19.7	SW-D6 (16.0-16.5)	677731.8	607180.5	2.6	2.1	17.2	17.7	Nickel Only	JC69982-30	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.7 UJ-	12.4	0.90 J-	10.0	< 1.4 U	19.4							
SW	19.7	SW-D6 (16.0-16.5)	677731.8	607180.5	2.6	2.1	17.2	17.7	Nickel Only	JC69982-30	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	0.90 J-	NA	NA	NA							
SW	19.9	SW-D6 (18.0-18.5)	677731.6	607176.4	1.8	1.3	18.0	18.5	Nickel Only	JC69982-29	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 3.5 UJ-	23.2	0.71 J-	120	< 1.7 U	35.7							
SW	19.9	SW-D6 (18.0-18.5)	677731.6	607176.4	1.8	1.3	18.0	18.5	Nickel Only	JC69982-29	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	< 0.66 U	NA	NA	NA							
SW	20.0	SW-D6 (20.0-20.5)	677735.5	607176.1	0.0	-0.5	20.0	20.5	Nickel Only	JC69982-28	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.4 UJ-	14.5	1.2 J-	23.2	< 1.2 U	21.4							
SW	20.0	SW-D6 (20.0-20.5)	677735.5	607176.1	0.0	-0.5	20.0	20.5	Nickel Only	JC69982-28	JC69982	7/16/2018	Remaining	N	SO	N	Y		NA	NA	1.0	NA	NA	NA							
SW	19.7	SW-D13 (0.0-0.5)	677834.5	607225.7	18.9	18.4	0.8	1.3	On Site	JC94207-1	JC94207	8/30/2019	Remaining	N	SO	Y	Y		NA	NA	< 0.45 U	NA	NA	NA							
SW	19.7	SW-D13 (0.0-0.5)	677834.5	607225.7	18.9	18.4	0.8	1.3	On Site	JC94207-1	JC94207	8/30/2019	Remaining	N	SO	Y	Y		< 2.3 UJ-	28.4 J	0.58 J-	30.1	< 1.2 U	44.9							
SW	19.5	SW-D6 (8.0-8.5)	677719.6	607179.3	9.6	9.1	9.8	10.3	Nickel Only	JC70061-18	JC70061	7/17/2018	Remaining	N	SO	N	Y		NA	NA	< 0.49 U	NA	NA	NA							
SW	19.5	SW-D6 (8.0-8.5)	677719.6	607179.3	9.6	9.1	9.8	10.3	Nickel Only	JC70061-18	JC70061	7/17/2018	Remaining	N	SO	N	Y		< 2.4 UJ-	16.4	0.52 J-	60.3	< 1.2 U	19.3							
SW	19.4	SW-D7 (14.0-14.5)	677742.5	607191.2	4.1	3.6	15.3	15.8	Nickel Only	JC69982-4	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.8 UJ-	30.7	< 0.57 U	398	< 2.8 U	38.6							
SW	19.7	SW-D7 (18.0-18.5)	677746.7	607186.0	0.5	0.0	19.1	19.6	Nickel Only	JC69982-6	JC69982	7/16/2018	Remaining	N	SO	N	Y		< 2.8 UJ-	21.4	< 0.54 U	885	< 1.4 U	31.8	Nickel exceedance within "Nickel Only Area"						
SW	19.1	SW-D8 (10.0-10.5)	677762.4	607212.0	8.1	7.6	11.0	11.5	Nickel Only	JC68675-6	JC68675	6/25/2018	Remaining	N	SO	N	Y		< 2.6 U	30.7	0.84 J-	< 10 U	< 1.3 U	25.5							
SW	19.1	SW-D8 (10.0-10.5)	677762.4	607212.0	8.1	7.6	11.0	11.5	Nickel Only	JC68675-6	JC68675	6/25/2018	Remaining	N	SO	N	Y		NA	NA	< 0.51 U	NA	NA	NA							
SW	19.2	SW-D8 (12.0-12.5)	677764.3	607210.3	6.1	5.6	13.1	13.6	Nickel Only	JC68675-7	JC68675	6/25/2018	Remaining	N	SO	N	Y		< 2.7 U	23.3	< 0.53 UJ-	1160	< 1.4 U	15.7	Nickel exceedance within "Nickel Only Area"						
SW	19.2	SW-D8 (12.0-12.5)	677764.3	607210.3	6.1	5.6	13.1	13.6	Nickel Only	JC68675-7	JC68675	6/25/2018	Remaining	N	SO	N	Y		NA	NA	< 0.53 U	NA									

Table 3
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As-Built Post Excavation Samples										Post Excavation Samples Laboratory References							Post Excavation Samples Laboratory Results							Notes							
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)	Lab ID (G11)	Lab SDG (G12)	Date Collected (G13)	Sample Status (G14)	Sample Type (G15)	Matrix (G16)	Unsaturated Zone (G17)	Validated (G18)	Parameter Name CAS Number	Antimony 7440-36-0	Chromium 7440-47-3	Chromium VI 18540-29-9	Nickel 7440-02-0	Thallium 7440-28-0		Vanadium 7440-62-2						
																		Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg						
																		RDC SRS (G19)	31	NA	NA	1600	NA	NA							
																		CrSCC (G20)	NA	120000	20	NA	NA	NA							
																		IGWSSL (G21)	6	NA	NA	NA	3	NA							
																		SS IGWSRS (G21)	NA	NA	NA	855	NA	NA							
																		SSRS (G20)	NA	NA	NA	NA	390	NA							
SW	20.5	SW-D2 (2.0-2.5)A	677781.0	607165.3	18.3	17.8	2.2	2.7	On Site	JC77638-4	JC77638	11/9/2018	Remaining	N	SO	Y	Y	< 2.4 UJ-	59.9	1.8 J-	20.2	< 1.2 U	30								
SW	20.3	SW-D2 (4.0-4.5)A	677776.9	607169.5	16.3	15.8	4.0	4.5	On Site	JC77638-5	JC77638	11/9/2018	Remaining	N	SO	Y	Y	NA	NA	1.1	NA	NA	NA								
SW	20.3	SW-D2 (4.0-4.5)A	677776.9	607169.5	16.3	15.8	4.0	4.5	On Site	JC77638-5	JC77638	11/9/2018	Remaining	N	SO	Y	Y	< 2.3 UJ-	29.3	0.46 J-	16.2	< 1.1 U	22.7								
SW	20.2	SW-D2 (6.0-6.5)A	677773.8	607172.7	14.3	13.8	5.9	6.4	On Site	JC77638-6	JC77638	11/9/2018	Remaining	N	SO	Y	Y	NA	NA	0.55	NA	NA	NA								
SW	20.2	SW-D2 (6.0-6.5)A	677773.8	607172.7	14.3	13.8	5.9	6.4	On Site	JC77638-6	JC77638	11/9/2018	Remaining	N	SO	Y	Y	< 2.4 UJ-	30.2	1.2 J-	84.4	< 1.2 U	33.5								
SW	20.5	SW-D3 (0.0-0.5)A	677802.7	607185.9	20.1	19.6	0.4	0.9	On Site	JC77638-9	JC77638	11/9/2018	Remaining	N	SO	Y	Y	NA	NA	0.99	NA	NA	NA								
SW	20.5	SW-D3 (0.0-0.5)A	677802.7	607185.9	20.1	19.6	0.4	0.9	On Site	JC77638-9	JC77638	11/9/2018	Remaining	N	SO	Y	Y	< 2.1 UJ-	19.0	0.64 J-	27.3	< 1.1 U	53.9								
SW	20.4	SW-D3 (2.0-2.5)A	677800.1	607188.0	18.1	17.6	2.3	2.8	On Site	JC77638-10	JC77638	11/9/2018	Remaining	N	SO	Y	Y	NA	NA	1.7	NA	NA	NA								
SW	20.4	SW-D3 (2.0-2.5)A	677800.1	607188.0	18.1	17.6	2.3	2.8	On Site	JC77638-10	JC77638	11/9/2018	Remaining	N	SO	Y	Y	< 2.4 UJ-	47.3	3.5 J-	18.9	< 1.2 U	28.6								
J15	15.9	BS-J15	677376.4	607009.1	5.1	4.6	10.8	11.3	On Site	JC87075-5	JC87075	4/26/2019	Remaining	FD	SO	N	Y	< 2.6 UJ-	89.5	< 0.55 UJ-	163	< 1.3 U	33.7								
J15	15.9	BS-J15	677376.4	607009.1	5.1	4.6	10.8	11.3	On Site	JC87075-5	JC87075	4/26/2019	Remaining	FD	SO	N	Y	NA	NA	< 0.55 U	NA	NA	NA								
SW	20.2	SW-D3 (4.0-4.5)A	677795.4	607192.1	16.1	15.6	4.1	4.6	On Site	JC77638-11	JC77638	11/9/2018	Remaining	N	SO	Y	Y	NA	NA	0.93 J-	NA	NA	NA								
SW	20.2	SW-D3 (4.0-4.5)A	677795.4	607192.1	16.1	15.6	4.1	4.6	On Site	JC77638-11	JC77638	11/9/2018	Remaining	N	SO	Y	Y	< 2.2 UJ-	19.2	1.4 RA	21.3	< 1.1 U	24	Rejected but usable due to confirmed reducing environment							
SW	20.1	SW-D3 (6.0-6.5)A	677791.8	607195.5	14.1	13.6	6.0	6.5	On Site	JC77638-12	JC77638	11/9/2018	Remaining	N	SO	Y	Y	NA	NA	0.52	NA	NA	NA								
SW	20.1	SW-D3 (6.0-6.5)A	677791.8	607195.5	14.1	13.6	6.0	6.5	On Site	JC77638-12	JC77638	11/9/2018	Remaining	N	SO	Y	Y	< 2.3 UJ-	49.5	1.2 J-	64.4	< 5.8 U	32.7	Thallium detection limit exceedance of IGWSSL in unsaturated zone due to interfering element. This exceedance is addressed in Appendix E.							
SW	20.3	SW-D4 (0.0-0.5)A	677815.8	607201.9	19.9	19.4	0.4	0.9	On Site	JC78304-7	JC78304	11/20/2018	Remaining	N	SO	Y	Y	< 2.4 U	54.2	0.66	57.4	< 1.2 U	95.4								
SW	20.2	SW-D4 (2.0-2.5)A	677812.3	607205.0	17.8	17.3	2.3	2.8	On Site	JC78304-8	JC78304	11/20/2018	Remaining	N	SO	Y	Y	< 2.1 U	25.1	0.59	23.4	< 1.1 U	26.3								
SW	20.1	SW-D4 (4.0-4.5)A	677809.9	607207.4	15.9	15.4	4.2	4.7	On Site	JC78304-9	JC78304	11/20/2018	Remaining	N	SO	Y	Y	< 2.3 U	24.5	0.49	43.9	< 1.2 U	27.2								
SW	20.0	SW-D4 (6.0-6.5)A	677806.2	607208.7	13.8	13.3	6.2	6.7	On Site	JC78304-10	JC78304	11/20/2018	Remaining	N	SO	Y	Y	< 2.2 U	21.9	< 0.46 U	52.3	< 1.1 U	23.5								
SW	19.8	SW-D5 (4.0-4.5)	677715.1	607161.1	14.6	14.1	5.1	5.6	On Site	JC70061-10	JC70061	7/17/2018	Remaining	N	SO	Y	Y	NA	NA	< 0.46 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
SW	19.8	SW-D5 (4.0-4.5)	677715.1	607161.1	14.6	14.1	5.1	5.6	On Site	JC70061-10	JC70061	7/17/2018	Remaining	N	SO	Y	Y	< 2.3 UJ-	21.1	0.81 J-	58.8	< 1.1 U	19.4								
SW	19.8	SW-D5 (6.0-6.5)	677717.4	607162.7	12.9	12.4	6.9	7.4	On Site	JC70061-11	JC70061	7/17/2018	Remaining	N	SO	Y	Y	NA	NA	< 0.48 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
SW	19.8	SW-D5 (6.0-6.5)	677717.4	607162.7	12.9	12.4	6.9	7.4	On Site	JC70061-11	JC70061	7/17/2018	Remaining	N	SO	Y	Y	< 2.4 UJ-	24.9	1.2 J-	257	< 1.2 U	26.9								
SW	19.3	SW-D6 (6.0-6.5)	677717.2	607180.7	11.1	10.6	8.2	8.7	On Site	JC70061-17	JC70061	7/17/2018	Remaining	N	SO	Y	Y	NA	NA	< 0.49 RA	NA	NA	NA								
SW	19.3	SW-D6 (6.0-6.5)	677717.2	607180.7	11.1	10.6	8.2	8.7	On Site	JC70061-17	JC70061	7/17/2018	Remaining	N	SO	Y	Y	< 2.5 UJ-	19.9	< 0.49 U	676 J-	< 1.2 U	27.7	Rejected but usable due to confirmed reducing environment							
SW	19.5	SW-D13 (8.0-8.5)	677825.6	607234.8	10.9	10.4	8.6	9.1	Nickel Only	JC94207-6	JC94207	8/30/2019	Remaining	FD	SO	Y	Y	NA	NA	0.68	NA	NA	NA								
SW	19.5	SW-D13 (8.0-8.5)	677825.6	607234.8	10.9	10.4	8.6	9.1	Nickel Only	JC94207-6	JC94207	8/30/2019	Remaining	FD	SO	Y	Y	< 2.4 UJ-	25.8 J	1.1 J-	46.3	< 1.2 U	30.6								
SW	19.9	SW-D3 (10.0-10.5)A	677786.9	607200.3	10.1	9.6	9.8	10.3	Nickel Only	JC77638-2	JC77638	11/9/2018	Remaining	FD	SO	Y	Y	NA	NA	< 0.51 U	NA	NA	NA								
SW	19.9	SW-D3 (10.0-10.5)A	677786.9	607200.3	10.1	9.6	9.8	10.3	Nickel Only	JC77638-2	JC77638	11/9/2018	Remaining	FD	SO	Y	Y	< 2.6 UJ-	24.3	1.1 J-	45.3	< 1.3 U	25.4								
SW	19.3	SW-D6 (6.0-6.5)	677717.2	607180.7	11.1	10.6	8.2	8.7	On Site	JC70061-20	JC70061	7/17/2018	Remaining	FD	SO	Y	Y	NA	NA	< 0.47 RA	NA	NA	NA	Rejected but usable due to confirmed reducing environment							
SW	19.3	SW-D6 (6.0-6.5)	677717.2	607180.7	11.1	10.6	8.2	8.7	On Site	JC70061-20	JC70061	7/17/2018	Remaining	FD	SO	Y	Y	< 2.3 UJ-	19.5	1.3 J-	855	< 1.1 U	28.4								
SW	19.3	SW-D8 (14.0-14.5)	677768.1	607208.8	4.2	3.7	15.1	15.6	Nickel Only	JC68947-1	JC68947	6/28/2018	Remaining	FD	SO	N	Y	< 2.7 U	21.3	< 0.55 RA	394 J	< 1.4 U	25.1	Rejected but usable due to confirmed reducing environment							

Table 3
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NOTES:

- G1. "Location Identification (ID)" refers to the location name where samples were collected.
- G2. "Location Elevation" refers to the pre-remediation ground surface elevation for samples collected via boring, test pit, 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.
- 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 Elevation and the elevation calculated using the Location Elevation and Depth Interval due to rounding of the numbers. Elevation 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 Elevation and the elevation calculated using the Location Elevation and Depth Interval due to rounding of the numbers. Elevation is presented in ft bgs.
- G10. "Sample Location" refers to the location where the sample was collected as described below:
- "On Site" indicates the post excavation samples associated with the remediation on Site 107, Block 27401, Lot 42
- "On Site - RI/SI" indicates historical sample data representative of material remaining following soil remediation on Site 107, Block 27401, Lot 42
- "Nickel Only" indicates an area and depth where no chromium chemical production waste (CCPW) was observed (approximately 8.0 feet bgs). Elevated nickel concentrations were a separate source and not CCPW related, as described in the *Nickel Exceedances in Fill Unrelated to CCPW Memo*, approved by NJDEP on March 21, 2019.
- "MSA" refers to the Vanadium Only Area, a.k.a. material staging area. Further investigation is planned in this area.
- "MSA SW" refers to soil along the material staging area sidewall that abuts the Vanadium Only Area. Further investigation is planned in this area.
- "MSA - RI/SI" indicates historical sample data representative of material remaining in the Vanadium Only Area. Further investigation is planned in this area.
- G11. "Lab ID" refers to the identification number assigned to the sample by the analytical laboratory performing the sample analysis.
- G12. "Lab Sample Delivery Group (SDG)" refers to the delivery group number assigned to the sample by the analytical laboratory.
- G13. "Date Collected" refers to the date the soil sample was collected.
- G14. "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.
- G15. "Sample Type" indicates whether the sample type is normal (N) or a field duplicate (FD).
- G16. "Matrix" indicates the sampled media.
- "SO" indicates soil.
- G17. "Y" indicates that the sample is located within the "Unsaturated Zone" and "N" indicates that the sample is located in the "Saturated Zone."
- "Saturated Zone" refers to all material below 9.5 feet NAVD 88 as observed during implementation of the Site 107 remedial action.
- G18. "Y" indicates that a sample underwent data validation and "N" indicates that data validation was not conducted.
- G19. Shaded text indicates that the result exceeds the "Residential Direct Contact Soil Remediation Standard (RDC SRS)." Non-shaded text indicates that the result does not exceed the "RDC SRS."
- G20. Bold text indicates that the result exceeds the "Chromium Soil Cleanup Criteria (CrSCC) or Site Specific Soil Remediation Standard (SSSRS)." Non-bold 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 Site Specific IGW Soil Remediation Standard (SS IGWSRS) within the "Unsaturated Zone." Non-bold text indicates that the result does not exceed the IGWSSL or SS IGWSRS. IGWSSL and SS 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 for validated data.
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.
J- The result is an estimated quantity, but the result may be biased low.
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.