

This quality assurance (QA) review is based upon an examination of the data generated from the analyses of the samples collected as part of the:

### Cumberland Fish

Data Verification was performed in accordance with the Tennessee Valley Authority Environmental Investigation Plan, Cumberland Fossil Plant (CUF EIP; Revision 3 Final, June 2018). This review was performed with guidance from the National Functional Guidelines for Inorganic Data Review (US EPA, October 2004); the US EPA Region IV Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (November 2001); and the US EPA Region IV Data Validation Standard Operating Procedures. These validation guidance documents specifically address analyses performed in accordance with the Contract Laboratory Program (CLP) analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the US EPA, SW-846, and Standard Methods utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the usability of the analytical results and compliance relative to the US EPA, SW-846, and Standard Methods utilized by the laboratory. This QA review was performed on the data associated with Job Number:

**40194809**

The findings offered in this report are based on a review of holding times and preservation, method blank results, field blank results, filter blank results, equipment blank results, tubing blank results, matrix spike/matrix spike duplicate recoveries and precision, laboratory control sample/laboratory control sample duplicate recoveries and precision, laboratory and field duplicate precision, total and dissolved results comparisons, and/or positive results between the method detection limit and quantitation limit.

The following results were qualified based on the data verification effort:

Sample	Location	Sample Type	Method	Analyte	T/D	Result	Qual	Reason Code(s)	MDL	QL	Unit
CUF-FH-CC-CURD-F-20190430	FH-CURD	N	SW-846 6020A	Arsenic	T	0.044	J	RL	0.030	0.099	MG/KG
CUF-FH-CC-CURD-F-20190430	FH-CURD	N	SW-846 6020A	Cadmium	T	0.027	J	RL	0.011	0.099	MG/KG
CUF-FH-CC-CURD-F-20190430	FH-CURD	N	SW-846 6020A	Calcium	T	66.6	J	RL	25.2	84.1	MG/KG
CUF-FH-CC-CURD-F-20190430	FH-CURD	N	SW-846 6020A	Copper	T	0.54	J	RL	0.28	0.94	MG/KG
CUF-FH-CC-CURD-F-20190430	FH-CURD	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.050	MG/KG
CUF-FH-CC-CURD-F-20190430	FH-CURD	N	SW-846 7473	Mercury	T	0.046	J	FD,M+	0.0074	0.025	MG/KG
CUF-FH-CC-CURU-F-20190507	FH-CURU	N	SW-846 6020A	Copper	T	0.39	J	RL	0.28	0.93	MG/KG
CUF-FH-CC-CURU-F-20190507	FH-CURU	N	SW-846 6020A	Nickel	T	0.087	J	RL	0.040	0.14	MG/KG
CUF-FH-CC-CURU-F-20190507	FH-CURU	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.049	MG/KG
CUF-FH-CC-CURU-F-20190507	FH-CURU	N	SW-846 7473	Mercury	T	0.11	J	M+	0.0075	0.025	MG/KG
CUF-FH-CC-WCD-F-20190501	FH-WCD	N	SW-846 6020A	Arsenic	T	0.032	J	RL	0.029	0.095	MG/KG
CUF-FH-CC-WCD-F-20190501	FH-WCD	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.047	MG/KG
CUF-FH-CC-WCD-F-20190501	FH-WCD	N	SW-846 7473	Mercury	T	0.11	J	M+	0.0071	0.024	MG/KG
CUF-FH-CC-WCU-F-20190508	FH-WCU	N	SW-846 6020A	Calcium	T	74.4	J	RL	25.3	84.4	MG/KG
CUF-FH-CC-WCU-F-20190508	FH-WCU	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.050	MG/KG
CUF-FH-CC-WCU-F-20190508	FH-WCU	N	SW-846 7473	Mercury	T	0.11	J	M+	0.0071	0.024	MG/KG
CUF-FH-CC-F-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Nickel	T	0.048	J	RL	0.040	0.14	MG/KG
CUF-FH-CC-F-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Selenium	T	0.17	J	RL	0.050	0.17	MG/KG
CUF-FH-CC-F-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Silver	T		UJ	L-	0.011	0.049	MG/KG
CUF-FH-CC-F-DUP01-20190430	FH-CURD	FD	SW-846 7473	Mercury	T	0.12	J	FD,M+	0.0075	0.025	MG/KG

Sample	Location	Sample Type	Method	Anayte	T/D	Result	Qual	Reason Code(s)	MDL	QL	Unit
CUF-FH-CC-CURA-O-20190520	FH-CURA	N	SW-846 6020A	Cobalt	T	0.023	J	RL	0.018	0.093	MG/KG
CUF-FH-CC-CURA-O-20190520	FH-CURA	N	SW-846 6020A	Silver	T		UJ	L-	0.010	0.046	MG/KG
CUF-FH-CC-CURD-O-20190430	FH-CURD	N	SW-846 6020A	Cobalt	T	0.031	J	RL	0.018	0.095	MG/KG
CUF-FH-CC-CURD-O-20190430	FH-CURD	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.047	MG/KG
CUF-FH-CC-CURU-O-20190507	FH-CURU	N	SW-846 6020A	Cobalt	T	0.022	J	RL	0.018	0.095	MG/KG
CUF-FH-CC-CURU-O-20190507	FH-CURU	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.047	MG/KG
CUF-FH-CC-WCD-O-20190501	FH-WCD	N	SW-846 6020A	Cobalt	T	0.022	J	RL	0.019	0.098	MG/KG
CUF-FH-CC-WCD-O-20190501	FH-WCD	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.049	MG/KG
CUF-FH-CC-WCU-O-20190508	FH-WCU	N	SW-846 6020A	Cobalt	T	0.061	J	RL	0.019	0.098	MG/KG
CUF-FH-CC-WCU-O-20190508	FH-WCU	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.049	MG/KG
CUF-FH-CC-O-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Silver	T		UJ	L-	0.011	0.050	MG/KG
CUF-FH-CC-CURA-L-20190520	FH-CURA	N	SW-846 6020A	Calcium	T	62.6	J	RL	24.6	81.9	MG/KG
CUF-FH-CC-CURA-L-20190520	FH-CURA	N	SW-846 6020A	Cobalt	T	0.035	J	RL	0.018	0.097	MG/KG
CUF-FH-CC-CURA-L-20190520	FH-CURA	N	SW-846 6020A	Lead	T	0.042	J	RL	0.029	0.097	MG/KG
CUF-FH-CC-CURA-L-20190520	FH-CURA	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.048	MG/KG
CUF-FH-CC-CURA-L-20190520	FH-CURA	N	SW-846 7473	Mercury	T	0.18	J	M+	0.0074	0.025	MG/KG
CUF-FH-CC-CURD-L-20190430	FH-CURD	N	SW-846 6020A	Calcium	T	52.6	J	RL	23.5	78.4	MG/KG
CUF-FH-CC-CURD-L-20190430	FH-CURD	N	SW-846 6020A	Cobalt	T	0.069	J	RL	0.018	0.093	MG/KG
CUF-FH-CC-CURD-L-20190430	FH-CURD	N	SW-846 6020A	Lead	T	0.056	J	RL	0.028	0.093	MG/KG
CUF-FH-CC-CURD-L-20190430	FH-CURD	N	SW-846 6020A	Selenium	T	1.2	J	FD	0.047	0.16	MG/KG
CUF-FH-CC-CURD-L-20190430	FH-CURD	N	SW-846 6020A	Silver	T		UJ	L-	0.010	0.046	MG/KG
CUF-FH-CC-CURD-L-20190430	FH-CURD	N	SW-846 6020A	Vanadium	T	0.66	J	FD	0.031	0.10	MG/KG
CUF-FH-CC-CURD-L-20190430	FH-CURD	N	SW-846 7473	Mercury	T	0.30	J	FD,M+	0.0071	0.024	MG/KG
CUF-FH-CC-CURU-L-20190507	FH-CURU	N	SW-846 6020A	Calcium	T	47.0	J	RL	23.3	77.6	MG/KG
CUF-FH-CC-CURU-L-20190507	FH-CURU	N	SW-846 6020A	Cobalt	T	0.053	J	RL	0.017	0.092	MG/KG
CUF-FH-CC-CURU-L-20190507	FH-CURU	N	SW-846 6020A	Lead	T	0.053	J	RL	0.028	0.092	MG/KG
CUF-FH-CC-CURU-L-20190507	FH-CURU	N	SW-846 6020A	Silver	T		UJ	L-	0.010	0.046	MG/KG
CUF-FH-CC-CURU-L-20190507	FH-CURU	N	SW-846 7473	Mercury	T	0.19	J	M+	0.0074	0.025	MG/KG
CUF-FH-CC-WCD-L-20190501	FH-WCD	N	SW-846 6020A	Calcium	T	61.6	J	RL	24.1	80.5	MG/KG
CUF-FH-CC-WCD-L-20190501	FH-WCD	N	SW-846 6020A	Cobalt	T	0.058	J	RL	0.018	0.095	MG/KG
CUF-FH-CC-WCD-L-20190501	FH-WCD	N	SW-846 6020A	Lead	T	0.067	J	RL	0.029	0.095	MG/KG
CUF-FH-CC-WCD-L-20190501	FH-WCD	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.048	MG/KG
CUF-FH-CC-WCD-L-20190501	FH-WCD	N	SW-846 7473	Mercury	T	0.19	J	M+	0.0072	0.024	MG/KG
CUF-FH-CC-WCU-L-20190508	FH-WCU	N	SW-846 6020A	Calcium	T	47.2	J	RL	24.0	79.9	MG/KG
CUF-FH-CC-WCU-L-20190508	FH-WCU	N	SW-846 6020A	Cobalt	T	0.089	J	RL	0.018	0.094	MG/KG
CUF-FH-CC-WCU-L-20190508	FH-WCU	N	SW-846 6020A	Lead	T	0.062	J	RL	0.028	0.094	MG/KG

Sample	Location	Sample Type	Method	Anayte	T/D	Result	Qual	Reason Code(s)	MDL	QL	Unit
CUF-FH-CC-WCU-L-20190508	FH-WCU	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.047	MG/KG
CUF-FH-CC-WCU-L-20190508	FH-WCU	N	SW-846 6020A	Thallium	T	0.013	J	RL	0.012	0.094	MG/KG
CUF-FH-CC-WCU-L-20190508	FH-WCU	N	SW-846 7473	Mercury	T	0.12	J	M+	0.0075	0.025	MG/KG
CUF-FH-CC-L-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Calcium	T	49.1	J	RL	23.9	79.8	MG/KG
CUF-FH-CC-L-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Cobalt	T	0.041	J	RL	0.018	0.094	MG/KG
CUF-FH-CC-L-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Lead	T	0.038	J	RL	0.028	0.094	MG/KG
CUF-FH-CC-L-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Molybdenum	T	0.085	J	RL	0.034	0.11	MG/KG
CUF-FH-CC-L-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Selenium	T	0.81	J	FD	0.048	0.16	MG/KG
CUF-FH-CC-L-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Silver	T		UJ	L-	0.011	0.047	MG/KG
CUF-FH-CC-L-DUP01-20190430	FH-CURD	FD	SW-846 6020A	Vanadium	T	0.44	J	FD	0.031	0.10	MG/KG
CUF-FH-CC-L-DUP01-20190430	FH-CURD	FD	SW-846 7473	Mercury	T	0.18	J	FD,M+	0.0075	0.025	MG/KG
CUF-FH-RS-CURA-F-20190429	FH-CURA	N	SW-846 6020A	Arsenic	T	0.073	J	RL	0.028	0.092	MG/KG
CUF-FH-RS-CURA-F-20190429	FH-CURA	N	SW-846 6020A	Copper	T	0.29	J	RL	0.26	0.87	MG/KG
CUF-FH-RS-CURA-F-20190429	FH-CURA	N	SW-846 6020A	Nickel	T	0.062	J	RL	0.038	0.13	MG/KG
CUF-FH-RS-CURA-F-20190429	FH-CURA	N	SW-846 6020A	Silver	T		UJ	L-	0.010	0.046	MG/KG
CUF-FH-RS-CURA-F-20190429	FH-CURA	N	SW-846 7473	Mercury	T	0.089	J	M+	0.0071	0.024	MG/KG
CUF-FH-RS-CURD-F-20190429	FH-CURD	N	SW-846 6020A	Arsenic	T	0.085	J	RL	0.030	0.098	MG/KG
CUF-FH-RS-CURD-F-20190429	FH-CURD	N	SW-846 6020A	Barium	T	0.057	J	RL	0.030	0.098	MG/KG
CUF-FH-RS-CURD-F-20190429	FH-CURD	N	SW-846 6020A	Silver	T		UJ	L-	0.011	0.049	MG/KG
CUF-FH-RS-CURD-F-20190429	FH-CURD	N	SW-846 7473	Mercury	T	0.12	J	M+	0.0070	0.024	MG/KG
CUF-FH-RS-CURU-F-20190429	FH-CURU	N	SW-846 6020A	Arsenic	T	0.049	J	RL	0.028	0.092	MG/KG
CUF-FH-RS-CURU-F-20190429	FH-CURU	N	SW-846 6020A	Calcium	T	187	J	FD	23.4	77.9	MG/KG
CUF-FH-RS-CURU-F-20190429	FH-CURU	N	SW-846 6020A	Silver	T		UJ	L-	0.010	0.046	MG/KG
CUF-FH-RS-CURU-F-20190429	FH-CURU	N	SW-846 7473	Mercury	T	0.11	J	M+	0.0070	0.023	MG/KG

Data Qualifiers	
U*	This result should be considered "not-detected" because it was detected in a rinsate blank or laboratory blank at a similar level.
UR	Unreliable reporting limit; analyte may or may not be present in sample.
R	Unreliable positive result; analyte may or may not be present in sample.
J	Quantitation is approximate due to limitations identified during data validation.
UJ	This analyte was not detected, but the reporting limit may or may not be higher due to a bias identified during data validation.

Reason Codes and Explanations	
BE	Equipment blank contamination. The result should be considered "not-detected."
BF	Field blank contamination. The result should be considered "not-detected."
BL	Laboratory blank contamination. The result should be considered "not-detected."
FD	Field duplicate imprecision.

FG	Total versus Dissolved Imprecision.
H	Holding time exceeded.
L	LCS and LCSD recoveries outside of acceptance limits, indeterminate bias.
L+	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased high.
L-	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased low.
LD	Laboratory duplicate imprecision.
LP	LCS/LCSD imprecision.
M	MS and MSD recoveries outside of acceptance limits, indeterminate bias.
M+	MS and/or MSD recoveries outside of acceptance limits. The result may be biased high.
M-	MS and/or MSD recoveries outside of acceptance limits. The result may be biased low.
MP	MS/MSD imprecision.
Q	Chemical Preservation issue.
RL	Reported Results between the MDL and RL.
T	Temperature preservation issue.
X	Percent solids < 50%.
Y+	Chemical Yield outside of acceptance limits. The result may be biased high.
Y-	Chemical yield outside of acceptance limits. The result may be biased low.

Lab Sample ID	40194809001
Sys Sample Code	CUF-FH-CC-CURD-F-20190430
Sample Name	CUF-FH-CC-CURD-F-20190430
Sample Date	4/30/2019 3:00:00 PM
Location	FH-CURD
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	80.9			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.099	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG	0.044	J	RL	0.030	0.030	0.099	Y	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.030	0.030	0.099	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.69	0.69	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG	0.027	J	RL	0.011	0.011	0.099	Y	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	66.6	J	RL	25.2	25.2	84.1	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.088	0.088	0.29	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.019	0.019	0.099	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	0.54	J	RL	0.28	0.28	0.94	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.030	0.030	0.099	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.099	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.036	0.036	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.041	0.041	0.14	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.18			0.050	0.050	0.17	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.050	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.16	0.16	0.54	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.099	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	5.7			1.4	1.4	4.6	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.046	J	FD,M+	0.0074	0.0074	0.025	Y	Yes	1	WET

Lab Sample ID	40194809002
Sys Sample Code	CUF-FH-CC-CURU-F-20190507
Sample Name	CUF-FH-CC-CURU-F-20190507
Sample Date	5/7/2019 11:35:00 AM
Location	FH-CURU
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	79.6			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.032	0.032	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.68	0.68	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.011	0.011	0.098	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	99.7			24.9	24.9	82.9	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.087	0.087	0.28	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.019	0.019	0.098	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	0.39	J	RL	0.28	0.28	0.93	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.029	0.029	0.098	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.035	0.035	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG	0.087	J	RL	0.040	0.040	0.14	Y	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.17			0.050	0.050	0.17	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.049	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.16	0.16	0.53	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.098	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	5.7			1.4	1.4	4.6	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.11	J	M+	0.0075	0.0075	0.025	Y	Yes	1	WET

Lab Sample ID	40194809003
Sys Sample Code	CUF-FH-CC-WCD-F-20190501
Sample Name	CUF-FH-CC-WCD-F-20190501
Sample Date	5/1/2019 10:50:00 AM
Location	FH-WCD
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	80.4			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.020	0.020	0.095	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG	0.032	J	RL	0.029	0.029	0.095	Y	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.029	0.029	0.095	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.66	0.66	2.2	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.010	0.010	0.095	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	91.4			24.1	24.1	80.2	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.084	0.084	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.018	0.018	0.095	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG		U		0.27	0.27	0.90	N	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.028	0.028	0.095	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.095	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.034	0.034	0.11	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.039	0.039	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.26			0.048	0.048	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.047	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.15	0.15	0.51	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.095	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.032	0.032	0.10	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	5.4			1.3	1.3	4.4	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.11	J	M+	0.0071	0.0071	0.024	Y	Yes	1	WET

Lab Sample ID	40194809004
Sys Sample Code	CUF-FH-CC-WCU-F-20190508
Sample Name	CUF-FH-CC-WCU-F-20190508
Sample Date	5/8/2019 10:50:00 AM
Location	FH-WCU
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	80.0			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.10	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.030	0.030	0.10	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.70	0.70	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.011	0.011	0.10	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	74.4	J	RL	25.3	25.3	84.4	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.088	0.088	0.29	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.019	0.019	0.10	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG		U		0.28	0.28	0.95	N	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.030	0.030	0.10	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.10	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.036	0.036	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.041	0.041	0.14	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.21			0.051	0.051	0.17	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.050	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.16	0.16	0.54	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.10	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	5.8			1.4	1.4	4.6	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.11	J	M+	0.0071	0.0071	0.024	Y	Yes	1	WET



Lab Sample ID	40194809005
Sys Sample Code	CUF-FH-CC-F-DUP01-20190430
Sample Name	CUF-FH-CC-F-DUP01-20190430
Sample Date	4/30/2019 12:00:00 AM
Location	FH-CURD
Sample Type	FD
Parent Sample	CUF-FH-CC-CURD-F-20190430

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	80.5			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.032	0.032	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.68	0.68	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.011	0.011	0.098	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	145			24.9	24.9	82.9	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.087	0.087	0.28	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.019	0.019	0.098	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG		U		0.28	0.28	0.93	N	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.029	0.029	0.098	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.035	0.035	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG	0.048	J	RL	0.040	0.040	0.14	Y	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.17	J	RL	0.050	0.050	0.17	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.049	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.16	0.16	0.53	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.098	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	6.2			1.4	1.4	4.6	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.12	J	FD,M+	0.0075	0.0075	0.025	Y	Yes	1	WET

Lab Sample ID	40194809006
Sys Sample Code	CUF-FH-CC-CURA-O-20190520
Sample Name	CUF-FH-CC-CURA-O-20190520
Sample Date	5/20/2019 4:25:00 PM
Location	FH-CURA
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	59.0			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.020	0.020	0.093	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.028	0.028	0.093	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG	0.16			0.028	0.028	0.093	Y	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.65	0.65	2.2	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.010	0.010	0.093	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	879			23.6	23.6	78.6	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.082	0.082	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.023	J	RL	0.018	0.018	0.093	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	1.2			0.26	0.26	0.88	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.028	0.028	0.093	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.093	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.038	0.038	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.1			0.047	0.047	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.010	0.010	0.046	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG	0.99			0.15	0.15	0.50	Y	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.093	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	39.4			1.3	1.3	4.3	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG		U		0.0075	0.0075	0.025	N	Yes	1	WET

Lab Sample ID	40194809007
Sys Sample Code	CUF-FH-CC-CURD-O-20190430
Sample Name	CUF-FH-CC-CURD-O-20190430
Sample Date	4/30/2019 3:00:00 PM
Location	FH-CURD
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	58.3			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.020	0.020	0.095	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.029	0.029	0.095	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG	0.20			0.029	0.029	0.095	Y	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.66	0.66	2.2	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.010	0.010	0.095	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	936			24.1	24.1	80.2	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.084	0.084	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.031	J	RL	0.018	0.018	0.095	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	1.2			0.27	0.27	0.90	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.028	0.028	0.095	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.095	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.034	0.034	0.11	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.039	0.039	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.1			0.048	0.048	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.047	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG	1.1			0.15	0.15	0.51	Y	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.095	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.032	0.032	0.10	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	38.3			1.3	1.3	4.4	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG		U		0.0073	0.0073	0.024	N	Yes	1	WET

Lab Sample ID	40194809008
Sys Sample Code	CUF-FH-CC-CURU-O-20190507
Sample Name	CUF-FH-CC-CURU-O-20190507
Sample Date	5/7/2019 11:35:00 AM
Location	FH-CURU
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	57.1			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.020	0.020	0.095	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.029	0.029	0.095	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG	0.18			0.029	0.029	0.095	Y	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.66	0.66	2.2	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.010	0.010	0.095	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	832			24.1	24.1	80.2	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.084	0.084	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.022	J	RL	0.018	0.018	0.095	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	1.2			0.27	0.27	0.90	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.028	0.028	0.095	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.095	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.034	0.034	0.11	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.039	0.039	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.1			0.048	0.048	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.047	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG	1.0			0.15	0.15	0.51	Y	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.095	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.032	0.032	0.10	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	36.7			1.3	1.3	4.4	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG		U		0.0072	0.0072	0.024	N	Yes	1	WET

Lab Sample ID	40194809009
Sys Sample Code	CUF-FH-CC-WCD-O-20190501
Sample Name	CUF-FH-CC-WCD-O-20190501
Sample Date	5/1/2019 10:50:00 AM
Location	FH-WCD
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	59.0			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG	0.25			0.030	0.030	0.098	Y	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.032	0.032	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.68	0.68	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.011	0.011	0.098	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	883			24.9	24.9	82.9	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.087	0.087	0.28	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.022	J	RL	0.019	0.019	0.098	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	6.4			0.28	0.28	0.93	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.029	0.029	0.098	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.035	0.035	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.040	0.040	0.14	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.4			0.050	0.050	0.17	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.049	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG	1.1			0.16	0.16	0.53	Y	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.098	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	46.1			1.4	1.4	4.6	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG		U		0.0074	0.0074	0.025	N	Yes	1	WET

Lab Sample ID	40194809010
Sys Sample Code	CUF-FH-CC-WCU-O-20190508
Sample Name	CUF-FH-CC-WCU-O-20190508
Sample Date	5/8/2019 10:50:00 AM
Location	FH-WCU
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	59.8			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG	0.18			0.030	0.030	0.098	Y	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.69	0.69	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.011	0.011	0.098	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	916			25.0	25.0	83.3	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.087	0.087	0.29	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.061	J	RL	0.019	0.019	0.098	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	1.2			0.28	0.28	0.94	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.035	0.035	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.040	0.040	0.14	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.6			0.050	0.050	0.17	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.049	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG	1.2			0.16	0.16	0.53	Y	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.098	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	39.5			1.4	1.4	4.6	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG		U		0.0072	0.0072	0.024	N	Yes	1	WET

Lab Sample ID	40194809011
Sys Sample Code	CUF-FH-CC-O-DUP01-20190430
Sample Name	CUF-FH-CC-O-DUP01-20190430
Sample Date	4/30/2019 12:00:00 AM
Location	FH-CURD
Sample Type	FD
Parent Sample	CUF-FH-CC-CURD-O-20190430

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	59.1			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.099	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.030	0.030	0.099	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG	0.17			0.030	0.030	0.099	Y	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.69	0.69	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.011	0.011	0.099	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	899			25.2	25.2	84.0	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.088	0.088	0.29	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.019	0.019	0.099	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	1.2			0.28	0.28	0.94	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.030	0.030	0.099	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.099	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.036	0.036	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.041	0.041	0.14	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.0			0.050	0.050	0.17	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.050	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG	1.1			0.16	0.16	0.54	Y	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.099	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	38.7			1.4	1.4	4.6	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG		U		0.0074	0.0074	0.025	N	Yes	1	WET

Lab Sample ID	40194809012
Sys Sample Code	CUF-FH-CC-CURA-L-20190520
Sample Name	CUF-FH-CC-CURA-L-20190520
Sample Date	5/20/2019 4:25:00 PM
Location	FH-CURA
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	80.7			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.020	0.020	0.097	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.029	0.029	0.097	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.030	0.030	0.097	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.032	0.032	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.67	0.67	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG	0.24			0.011	0.011	0.097	Y	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	62.6	J	RL	24.6	24.6	81.9	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.086	0.086	0.28	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.035	J	RL	0.018	0.018	0.097	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	1.9			0.28	0.28	0.92	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG	0.042	J	RL	0.029	0.029	0.097	Y	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.097	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG	0.17			0.035	0.035	0.12	Y	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.040	0.040	0.14	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.97			0.049	0.049	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.048	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.16	0.16	0.52	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.097	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG	0.56			0.032	0.032	0.11	Y	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	22.4			1.4	1.4	4.5	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.18	J	M+	0.0074	0.0074	0.025	Y	Yes	1	WET



Lab Sample ID	40194809013
Sys Sample Code	CUF-FH-CC-CURD-L-20190430
Sample Name	CUF-FH-CC-CURD-L-20190430
Sample Date	4/30/2019 3:00:00 PM
Location	FH-CURD
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	81.0			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.019	0.019	0.093	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.028	0.028	0.093	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.028	0.028	0.093	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.65	0.65	2.2	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG	0.29			0.010	0.010	0.093	Y	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	52.6	J	RL	23.5	23.5	78.4	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.082	0.082	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.069	J	RL	0.018	0.018	0.093	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	1.8			0.26	0.26	0.88	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG	0.056	J	RL	0.028	0.028	0.093	Y	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.093	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG	0.22			0.033	0.033	0.11	Y	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.038	0.038	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.2	J	FD	0.047	0.047	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.010	0.010	0.046	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.15	0.15	0.50	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.093	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG	0.66	J	FD	0.031	0.031	0.10	Y	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	20.7			1.3	1.3	4.3	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.30	J	FD,M+	0.0071	0.0071	0.024	Y	Yes	1	WET

Lab Sample ID	40194809014
Sys Sample Code	CUF-FH-CC-CURU-L-20190507
Sample Name	CUF-FH-CC-CURU-L-20190507
Sample Date	5/7/2019 11:35:00 AM
Location	FH-CURU
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	80.8			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.019	0.019	0.092	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.028	0.028	0.092	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.028	0.028	0.092	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.030	0.030	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.64	0.64	2.1	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG	0.35			0.010	0.010	0.092	Y	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	47.0	J	RL	23.3	23.3	77.6	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.081	0.081	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.053	J	RL	0.017	0.017	0.092	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	2.6			0.26	0.26	0.87	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG	0.053	J	RL	0.028	0.028	0.092	Y	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.019	0.019	0.092	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG	0.15			0.033	0.033	0.11	Y	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.038	0.038	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.1			0.046	0.046	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.010	0.010	0.046	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.15	0.15	0.50	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.092	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG	0.54			0.031	0.031	0.10	Y	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	22.6			1.3	1.3	4.3	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.19	J	M+	0.0074	0.0074	0.025	Y	Yes	1	WET

Lab Sample ID	40194809015
Sys Sample Code	CUF-FH-CC-WCD-L-20190501
Sample Name	CUF-FH-CC-WCD-L-20190501
Sample Date	5/1/2019 10:50:00 AM
Location	FH-WCD
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	80.5			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.020	0.020	0.095	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.029	0.029	0.095	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.029	0.029	0.095	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.66	0.66	2.2	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG	0.45			0.010	0.010	0.095	Y	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	61.6	J	RL	24.1	24.1	80.5	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.084	0.084	0.28	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.058	J	RL	0.018	0.018	0.095	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	2.2			0.27	0.27	0.90	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG	0.067	J	RL	0.029	0.029	0.095	Y	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.095	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG	0.17			0.034	0.034	0.11	Y	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.039	0.039	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.6			0.048	0.048	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.048	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.15	0.15	0.51	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.095	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG	0.54			0.032	0.032	0.10	Y	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	24.5			1.3	1.3	4.4	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.19	J	M+	0.0072	0.0072	0.024	Y	Yes	1	WET

Lab Sample ID	40194809016
Sys Sample Code	CUF-FH-CC-WCU-L-20190508
Sample Name	CUF-FH-CC-WCU-L-20190508
Sample Date	5/8/2019 10:50:00 AM
Location	FH-WCU
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	80.4			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.020	0.020	0.094	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.029	0.029	0.094	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.029	0.029	0.094	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.66	0.66	2.2	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG	0.45			0.010	0.010	0.094	Y	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	47.2	J	RL	24.0	24.0	79.9	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.084	0.084	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.089	J	RL	0.018	0.018	0.094	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	2.0			0.27	0.27	0.90	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG	0.062	J	RL	0.028	0.028	0.094	Y	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.094	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG	0.17			0.034	0.034	0.11	Y	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.039	0.039	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	1.8			0.048	0.048	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.047	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.15	0.15	0.51	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG	0.013	J	RL	0.012	0.012	0.094	Y	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG	0.72			0.031	0.031	0.10	Y	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	24.9			1.3	1.3	4.4	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.12	J	M+	0.0075	0.0075	0.025	Y	Yes	1	WET

Lab Sample ID	40194809017
Sys Sample Code	CUF-FH-CC-L-DUP01-20190430
Sample Name	CUF-FH-CC-L-DUP01-20190430
Sample Date	4/30/2019 12:00:00 AM
Location	FH-CURD
Sample Type	FD
Parent Sample	CUF-FH-CC-CURD-L-20190430

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	81.3			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.020	0.020	0.094	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.028	0.028	0.094	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.029	0.029	0.094	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.66	0.66	2.2	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG	0.19			0.010	0.010	0.094	Y	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	49.1	J	RL	23.9	23.9	79.8	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.083	0.083	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG	0.041	J	RL	0.018	0.018	0.094	Y	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	1.6			0.27	0.27	0.90	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG	0.038	J	RL	0.028	0.028	0.094	Y	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.094	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG	0.085	J	RL	0.034	0.034	0.11	Y	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.039	0.039	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.81	J	FD	0.048	0.048	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.047	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.15	0.15	0.51	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.094	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG	0.44	J	FD	0.031	0.031	0.10	Y	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	20.4			1.3	1.3	4.4	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.18	J	FD,M+	0.0075	0.0075	0.025	Y	Yes	1	WET

Lab Sample ID	40194809018
Sys Sample Code	CUF-FH-RS-CURA-F-20190429
Sample Name	CUF-FH-RS-CURA-F-20190429
Sample Date	4/29/2019 4:50:00 PM
Location	FH-CURA
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	81.0			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.019	0.019	0.092	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG	0.073	J	RL	0.028	0.028	0.092	Y	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.028	0.028	0.092	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.030	0.030	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.64	0.64	2.1	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.010	0.010	0.092	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	201			23.4	23.4	77.9	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.081	0.081	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.017	0.017	0.092	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG	0.29	J	RL	0.26	0.26	0.87	Y	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.028	0.028	0.092	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.092	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG	0.062	J	RL	0.038	0.038	0.13	Y	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.45			0.047	0.047	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.010	0.010	0.046	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.15	0.15	0.50	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.092	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	6.3			1.3	1.3	4.3	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.089	J	M+	0.0071	0.0071	0.024	Y	Yes	1	WET

Lab Sample ID	40194809019
Sys Sample Code	CUF-FH-RS-CURD-F-20190429
Sample Name	CUF-FH-RS-CURD-F-20190429
Sample Date	4/29/2019 6:15:00 PM
Location	FH-CURD
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	82.0			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG	0.085	J	RL	0.030	0.030	0.098	Y	Yes	1	WET
	Barium	7440-39-3	T	MG/KG	0.057	J	RL	0.030	0.030	0.098	Y	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.032	0.032	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.68	0.68	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.011	0.011	0.098	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	956			24.9	24.9	83.0	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.087	0.087	0.28	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.019	0.019	0.098	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG		U		0.28	0.28	0.93	N	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.029	0.029	0.098	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.035	0.035	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.040	0.040	0.14	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.42			0.050	0.050	0.17	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.011	0.011	0.049	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG	0.61			0.16	0.16	0.53	Y	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.098	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	8.3			1.4	1.4	4.6	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.12	J	M+	0.0070	0.0070	0.024	Y	Yes	1	WET

Lab Sample ID	40194809020
Sys Sample Code	CUF-FH-RS-CURU-F-20190429
Sample Name	CUF-FH-RS-CURU-F-20190429
Sample Date	4/29/2019 3:30:00 PM
Location	FH-CURU
Sample Type	N
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
ASTM D2974-87	Percent Moisture	MOISTURE	N	%	81.1			0.10	0.10	0.10	Y	Yes	1	WET
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.019	0.019	0.092	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG	0.049	J	RL	0.028	0.028	0.092	Y	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.028	0.028	0.092	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.030	0.030	0.10	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.64	0.64	2.1	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.010	0.010	0.092	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG	187	J	FD	23.4	23.4	77.9	Y	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.081	0.081	0.27	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.017	0.017	0.092	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG		U		0.26	0.26	0.87	N	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.028	0.028	0.092	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.020	0.020	0.092	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.038	0.038	0.13	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG	0.49			0.047	0.047	0.16	Y	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		UJ	L-	0.010	0.010	0.046	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.15	0.15	0.50	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.012	0.012	0.092	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.031	0.031	0.10	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG	6.2			1.3	1.3	4.3	Y	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG	0.11	J	M+	0.0070	0.0070	0.023	Y	Yes	1	WET



Lab Sample ID	40194809021
Sys Sample Code	RINSE BLANK 40194809-021-B
Sample Name	RINSE BLANK 40194809-021-B
Sample Date	9/25/2019 12:00:00 AM
Location	
Sample Type	RB
Parent Sample	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SW-846 6020A	Antimony	7440-36-0	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Arsenic	7440-38-2	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Barium	7440-39-3	T	MG/KG		U		0.030	0.030	0.098	N	Yes	1	WET
	Beryllium	7440-41-7	T	MG/KG		U		0.032	0.032	0.11	N	Yes	1	WET
	Boron	7440-42-8	T	MG/KG		U		0.68	0.68	2.3	N	Yes	1	WET
	Cadmium	7440-43-9	T	MG/KG		U		0.011	0.011	0.098	N	Yes	1	WET
	Calcium	7440-70-2	T	MG/KG		U		24.9	24.9	82.9	N	Yes	1	WET
	Chromium	7440-47-3	T	MG/KG		U		0.087	0.087	0.28	N	Yes	1	WET
	Cobalt	7440-48-4	T	MG/KG		U		0.019	0.019	0.098	N	Yes	1	WET
	Copper	7440-50-8	T	MG/KG		U		0.28	0.28	0.93	N	Yes	1	WET
	Lead	7439-92-1	T	MG/KG		U		0.029	0.029	0.098	N	Yes	1	WET
	Lithium	7439-93-2	T	MG/KG		U		0.021	0.021	0.098	N	Yes	1	WET
	Molybdenum	7439-98-7	T	MG/KG		U		0.035	0.035	0.12	N	Yes	1	WET
	Nickel	7440-02-0	T	MG/KG		U		0.040	0.040	0.14	N	Yes	1	WET
	Selenium	7782-49-2	T	MG/KG		U		0.050	0.050	0.17	N	Yes	1	WET
	Silver	7440-22-4	T	MG/KG		U		0.011	0.011	0.049	N	Yes	1	WET
	Strontium	7440-24-6	T	MG/KG		U		0.16	0.16	0.53	N	Yes	1	WET
	Thallium	7440-28-0	T	MG/KG		U		0.013	0.013	0.098	N	Yes	1	WET
	Vanadium	7440-62-2	T	MG/KG		U		0.033	0.033	0.11	N	Yes	1	WET
	Zinc	7440-66-6	T	MG/KG		U		1.4	1.4	4.6	N	Yes	1	WET
SW-846 7473	Mercury	7439-97-6	T	MG/KG		U		0.0076	0.0076	0.025	N	Yes	1	WET