UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

September 11, 2020

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 20-0334, Lake Conestee

FROM: Floyd Wellborn
LSB Inorganic Chemistry Section Chief

THRU: Sandra Aker, Chief
Laboratory Services Branch

TO: Alayna Famble

Attached are the final results for the analytical groups listed below. This report shall not be reproduced except in full without approval of the Region 4 laboratory. These analyses were performed in accordance with the Laboratory Services Branch's Laboratory Operations and Quality Assurance Manual (LSB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the LSB LOQAM specifications and have been qualified by this laboratory if the applicable quality control criteria were not met. Verification is defined in Chapter 5 of the LSB LOQAM. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are accurate within the limits of the method(s) and are representative only of the samples as received by the laboratory.

Analyses Included in this report:	Method Used:	Accreditations:
Physical Properties (PHYSP)		
Physical Properties	EPA 200.2 (Soil)	ISO
Total Metals (TMTL)		
Total Mercury	EPA 7473 (Soil)	ISO
Total Metals	EPA 200.8 (Soil)	ISO
Total Metals	EPA 6010 (Soil)	ISO

Sample Disposal Policy

Due to limited space for long term sample storage, LSB's policy is to dispose of samples on a periodic schedule. Air samples collected in summa canisters will be disposed of 30 days following the issuance of this report. All other sample media including original samples, sample extracts and or digestates will be disposed of, in accordance with applicable regulations, 60 days from the date of this report.

This sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time. If samples require storage beyond the 60-day period, please contact the Sample Control Coordinator by e-mail at R4SampleCustody@epa.gov.

cc: Nardina Turner

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SAMPLES INCLUDED IN THIS REPORT

Project: 20-0334, Lake Conestee

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
LCP-01D-SD	E203203-01	Sediment	8/5/20 16:51	8/7/20 10:35
LCP-01S-SD	E203203-02	Sediment	8/5/20 16:48	8/7/20 10:35
LCP-02D-SD	E203203-03	Sediment	8/5/20 17:06	8/7/20 10:35
LCP-02S-SD	E203203-04	Sediment	8/5/20 17:02	8/7/20 10:35
LCP-03D-SD	E203203-05	Sediment	8/5/20 12:04	8/7/20 10:35
LCP-03S-SD	E203203-06	Sediment	8/5/20 12:01	8/7/20 10:35
LCP-04D-SD	E203203-07	Sediment	8/5/20 13:26	8/7/20 10:35
LCP-04S-SD	E203203-08	Sediment	8/5/20 13:23	8/7/20 10:35
LCP-05D-SD	E203203-09	Sediment	8/5/20 12:35	8/7/20 10:35
LCP-05S-SD	E203203-10	Sediment	8/5/20 12:32	8/7/20 10:35
LCP-06D-SD	E203203-11	Sediment	8/5/20 12:53	8/7/20 10:35
LCP-06S-SD	E203203-12	Sediment	8/5/20 12:50	8/7/20 10:35
LCP-07D-SD	E203203-13	Sediment	8/5/20 15:06	8/7/20 10:35
LCP-07S-SD	E203203-14	Sediment	8/5/20 15:01	8/7/20 10:35
LCP-08D-SD	E203203-15	Sediment	8/5/20 14:55	8/7/20 10:35
LCP-08S-SD	E203203-16	Sediment	8/5/20 14:00	8/7/20 10:35
LCP-09D-SD	E203203-17	Sediment	8/5/20 15:10	8/7/20 10:35
LCP-09S-SD	E203203-18	Sediment	8/5/20 15:05	8/7/20 10:35
LCP-10D-SD	E203203-19	Sediment	8/5/20 14:50	8/7/20 10:35
LCP-10S-SD	E203203-20	Sediment	8/5/20 14:45	8/7/20 10:35
LCP-11D-SD	E203203-21	Sediment	8/5/20 12:55	8/7/20 10:35
LCP-11S-SD	E203203-22	Sediment	8/5/20 12:50	8/7/20 10:35
LCP-12D-SD	E203203-23	Sediment	8/5/20 12:35	8/7/20 10:35
LCP-12S-SD	E203203-24	Sediment	8/5/20 12:30	8/7/20 10:35
LCP-13D-SD	E203203-25	Sediment	8/5/20 16:25	8/7/20 10:35
LCP-13S-SD	E203203-26	Sediment	8/5/20 16:20	8/7/20 10:35
LCP-14D-SD	E203203-27	Sediment	8/5/20 16:40	8/7/20 10:35
LCP-14S-SD	E203203-28	Sediment	8/5/20 16:35	8/7/20 10:35
LCP-15D-SD	E203203-29	Sediment	8/5/20 15:40	8/7/20 10:35
LCP-15S-SD	E203203-30	Sediment	8/5/20 15:35	8/7/20 10:35
LCP-16D-SD	E203203-31	Sediment	8/5/20 11:39	8/7/20 10:35
LCP-16S-SD	E203203-32	Sediment	8/5/20 11:33	8/7/20 10:35
LCP-17D-SD	E203203-33	Sediment	8/5/20 12:21	8/7/20 10:35
LCP-17S-SD	E203203-34	Sediment	8/5/20 12:15	8/7/20 10:35

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LCP-18D-SD	E203203-35	Sediment	8/5/20 12:59	8/7/20 10:35
LCP-18S-SD	E203203-36	Sediment	8/5/20 12:52	8/7/20 10:35
LCP-19D-SD	E203203-37	Sediment	8/5/20 14:47	8/7/20 10:35
LCP-19S-SD	E203203-38	Sediment	8/5/20 14:45	8/7/20 10:35
LCP-20D-SD	E203203-39	Sediment	8/5/20 16:24	8/7/20 10:35
LCP-20S-SD	E203203-40	Sediment	8/5/20 16:16	8/7/20 10:35
LCP-21D-SD	E203203-41	Sediment	8/5/20 13:28	8/7/20 10:35
LCP-21S-SD	E203203-42	Sediment	8/5/20 13:14	8/7/20 10:35
LCP-22D-SD	E203203-43	Sediment	8/5/20 16:00	8/7/20 10:35
LCP-22S-SD	E203203-44	Sediment	8/5/20 15:55	8/7/20 10:35
LCP-23D-SD	E203203-45	Sediment	8/5/20 15:15	8/7/20 10:35
LCP-23S-SD	E203203-46	Sediment	8/5/20 15:03	8/7/20 10:35
LCP-24D-SD	E203203-47	Sediment	8/5/20 15:43	8/7/20 10:35
LCP-25D-SD	E203203-48	Sediment	8/6/20 12:42	8/7/20 10:35
LCP-25S-SD	E203203-49	Sediment	8/6/20 12:35	8/7/20 10:35
LCP-26D-SD	E203203-50	Sediment	8/6/20 11:25	8/7/20 10:35
LCP-26S-SD	E203203-51	Sediment	8/6/20 11:20	8/7/20 10:35
LCP-27D-SD	E203203-52	Sediment	8/6/20 12:20	8/7/20 10:35
LCP-27S-SD	E203203-53	Sediment	8/6/20 12:15	8/7/20 10:35
LCP-28D-SD	E203203-54	Sediment	8/6/20 13:00	8/7/20 10:35
LCP-28S-SD	E203203-55	Sediment	8/6/20 12:55	8/7/20 10:35
LCP-29D-SD	E203203-56	Sediment	8/6/20 14:00	8/7/20 10:35
LCP-29S-SD	E203203-57	Sediment	8/6/20 13:55	8/7/20 10:35
LCP-30D-SD	E203203-58	Sediment	8/6/20 11:45	8/7/20 10:35
LCP-30S-SD	E203203-59	Sediment	8/6/20 11:40	8/7/20 10:35
LCP-31S-SD	E203203-60	Sediment	8/6/20 15:25	8/7/20 10:35
LCP-32S-SD	E203203-61	Sediment	8/6/20 15:40	8/7/20 10:35

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
B-2	Reporting level elevated due to trace amounts of analyte present in the method blank.
D-4	MRL elevated due to interferences.
J	The identification of the analyte is acceptable; the reported value is an estimate.
QC-4	Result greater than the highest point on the calibration curve
QM-1	Matrix Spike Recovery less than method control limits
QM-3	Matrix Spike Precision outside method control limits

ACRONYMS AND ABBREVIATIONS

CAS Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

MDL Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.

MRL Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.

TIC Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

ACCREDITATIONS:

ISO ASB is accredited by ISO/IEC 17025, including an amplification for forensic accreditation through ANSI-ASQ National Accreditation Board.

Refer to the certificate and scope of accreditation AT-1644 at:
http://www.epa.gov/aboutepa/about-region-4s-science-and-ecosystem-support-division-sesd

NR The EPA Region 4 Laboratory has not requested accreditation for this test.

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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-01D-SD
Lab ID: E203203-01
Station ID: LCP001
Matrix: Sediment

Date Collected: 8/5/20 16:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.067		mg/kg dry	0.049	8/27/20 9:16	8/27/20 12:10	EPA 7473
7429-90-5	Aluminum	9300		mg/kg dry	30	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:46	EPA 200.8
7440-38-2	Arsenic	1.1		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:46	EPA 200.8
7440-39-3	Barium	81		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-41-7	Beryllium	0.90	U	mg/kg dry	0.90	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-43-9	Cadmium	0.11		mg/kg dry	0.10	8/26/20 10:26	8/31/20 15:46	EPA 200.8
7440-70-2	Calcium	500		mg/kg dry	75	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-47-3	Chromium	28		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-48-4	Cobalt	5.9		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-50-8	Copper	8.5		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:48	EPA 6010
7439-89-6	Iron	19000		mg/kg dry	30	8/26/20 10:11	8/28/20 12:48	EPA 6010
7439-92-1	Lead	8.8		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:46	EPA 200.8
7439-95-4	Magnesium	1900		mg/kg dry	75	8/26/20 10:11	8/28/20 12:48	EPA 6010
7439-96-5	Manganese	220		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:48	EPA 6010
7439-98-7	Molybdenum	3.0	U	mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-02-0	Nickel	4.8		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-09-7	Potassium	1300		mg/kg dry	300	8/26/20 10:11	8/28/20 12:48	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 15:46	EPA 200.8
7440-22-4	Silver	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-23-5	Sodium	300	U	mg/kg dry	300	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-24-6	Strontium	12	U, B-2	mg/kg dry	12	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:46	EPA 200.8
7440-31-5	Tin	4.5	U	mg/kg dry	4.5	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-32-6	Titanium	560		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-62-2	Vanadium	27		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-65-5	Yttrium	6.5		mg/kg dry	0.90	8/26/20 10:11	8/28/20 12:48	EPA 6010
7440-66-6	Zinc	48		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:48	EPA 6010

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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-01D-SD
Station ID: LCP001
Lab ID: E203203-01
Matrix: Sediment

Date Collected: 8/5/20 16:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	49		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-01S-SD
Station ID: LCP001
Lab ID: E203203-02
Matrix: Sediment

Date Collected: 8/5/20 16:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.065		mg/kg dry	0.049	8/27/20 9:16	8/27/20 12:17	EPA 7473
7429-90-5	Aluminum	10000		mg/kg dry	30	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-36-0	Antimony	0.20 U		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:52	EPA 200.8
7440-38-2	Arsenic	1.0		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:52	EPA 200.8
7440-39-3	Barium	83		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-41-7	Beryllium	0.89 U		mg/kg dry	0.89	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-43-9	Cadmium	0.11		mg/kg dry	0.099	8/26/20 10:26	8/31/20 15:52	EPA 200.8
7440-70-2	Calcium	490		mg/kg dry	74	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-47-3	Chromium	30		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-48-4	Cobalt	6.0		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-50-8	Copper	9.7		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:51	EPA 6010
7439-89-6	Iron	20000		mg/kg dry	30	8/26/20 10:11	8/28/20 12:51	EPA 6010
7439-92-1	Lead	10		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:52	EPA 200.8
7439-95-4	Magnesium	1900		mg/kg dry	74	8/26/20 10:11	8/28/20 12:51	EPA 6010
7439-96-5	Manganese	200		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:51	EPA 6010
7439-98-7	Molybdenum	3.0 U		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-02-0	Nickel	5.0		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-09-7	Potassium	1200		mg/kg dry	300	8/26/20 10:11	8/28/20 12:51	EPA 6010
7782-49-2	Selenium	0.40 U		mg/kg dry	0.40	8/26/20 10:26	8/31/20 15:52	EPA 200.8
7440-22-4	Silver	1.5 U		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-23-5	Sodium	300 U		mg/kg dry	300	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-24-6	Strontium	13 U, B-2		mg/kg dry	13	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-28-0	Thallium	0.20 U		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:52	EPA 200.8
7440-31-5	Tin	4.5 U		mg/kg dry	4.5	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-32-6	Titanium	570		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-62-2	Vanadium	30		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-65-5	Yttrium	7.1		mg/kg dry	0.89	8/26/20 10:11	8/28/20 12:51	EPA 6010
7440-66-6	Zinc	51		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:51	EPA 6010

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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-01S-SD
Station ID: LCP001
Lab ID: E203203-02
Matrix: Sediment

Date Collected: 8/5/20 16:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	50		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-02D-SD
Station ID: LCP002
Lab ID: E203203-03
Matrix: Sediment

Date Collected: 8/5/20 17:06

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.048	U	mg/kg dry	0.048	8/27/20 9:16	8/27/20 12:25	EPA 7473
7429-90-5	Aluminum	7100		mg/kg dry	30	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:59	EPA 200.8
7440-38-2	Arsenic	1.0		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:59	EPA 200.8
7440-39-3	Barium	50		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-41-7	Beryllium	0.89	U	mg/kg dry	0.89	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-43-9	Cadmium	0.099	U	mg/kg dry	0.099	8/26/20 10:26	8/31/20 15:59	EPA 200.8
7440-70-2	Calcium	280		mg/kg dry	74	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-47-3	Chromium	12		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-48-4	Cobalt	3.0		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-50-8	Copper	4.8		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:55	EPA 6010
7439-89-6	Iron	11000		mg/kg dry	30	8/26/20 10:11	8/28/20 12:55	EPA 6010
7439-92-1	Lead	16		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:59	EPA 200.8
7439-95-4	Magnesium	1200		mg/kg dry	74	8/26/20 10:11	8/28/20 12:55	EPA 6010
7439-96-5	Manganese	81		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:55	EPA 6010
7439-98-7	Molybdenum	3.0	U	mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-02-0	Nickel	3.4		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-09-7	Potassium	1300		mg/kg dry	300	8/26/20 10:11	8/28/20 12:55	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 15:59	EPA 200.8
7440-22-4	Silver	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-23-5	Sodium	300	U	mg/kg dry	300	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-24-6	Strontium	8.3	U, B-2	mg/kg dry	8.3	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-28-0	Thallium	0.20		mg/kg dry	0.20	8/26/20 10:26	8/31/20 15:59	EPA 200.8
7440-31-5	Tin	4.5	U	mg/kg dry	4.5	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-32-6	Titanium	310		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-62-2	Vanadium	18		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-65-5	Yttrium	5.8		mg/kg dry	0.89	8/26/20 10:11	8/28/20 12:55	EPA 6010
7440-66-6	Zinc	28		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:55	EPA 6010

ED_006262_00000194-00010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-02D-SD
Station ID: LCP002
Lab ID: E203203-03
Matrix: Sediment

Date Collected: 8/5/20 17:06

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	62		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-02S-SD
Station ID: LCP002
Lab ID: E203203-04
Matrix: Sediment

Date Collected: 8/5/20 17:02

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.049	U	mg/kg dry	0.049	8/27/20 9:16	8/27/20 12:32	EPA 7473
7429-90-5	Aluminum	7700		mg/kg dry	30	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:05	EPA 200.8
7440-38-2	Arsenic	0.98		mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:05	EPA 200.8
7440-39-3	Barium	63		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-41-7	Beryllium	0.89	U	mg/kg dry	0.89	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-43-9	Cadmium	0.10		mg/kg dry	0.099	8/26/20 10:26	8/31/20 16:05	EPA 200.8
7440-70-2	Calcium	380		mg/kg dry	74	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-47-3	Chromium	15		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-48-4	Cobalt	3.6		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-50-8	Copper	5.6		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:58	EPA 6010
7439-89-6	Iron	12000		mg/kg dry	30	8/26/20 10:11	8/28/20 12:58	EPA 6010
7439-92-1	Lead	19		mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:05	EPA 200.8
7439-95-4	Magnesium	1500		mg/kg dry	74	8/26/20 10:11	8/28/20 12:58	EPA 6010
7439-96-5	Manganese	100		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:58	EPA 6010
7439-98-7	Molybdenum	3.0	U	mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-02-0	Nickel	4.1		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-09-7	Potassium	1600		mg/kg dry	300	8/26/20 10:11	8/28/20 12:58	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 16:05	EPA 200.8
7440-22-4	Silver	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-23-5	Sodium	300	U	mg/kg dry	300	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-24-6	Strontium	11	U, B-2	mg/kg dry	11	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-28-0	Thallium	0.23		mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:05	EPA 200.8
7440-31-5	Tin	4.5	U	mg/kg dry	4.5	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-32-6	Titanium	390		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-62-2	Vanadium	21		mg/kg dry	1.5	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-65-5	Yttrium	8.3		mg/kg dry	0.89	8/26/20 10:11	8/28/20 12:58	EPA 6010
7440-66-6	Zinc	34		mg/kg dry	3.0	8/26/20 10:11	8/28/20 12:58	EPA 6010

ED_006262_00000194-00012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-02S-SD
Station ID: LCP002
Lab ID: E203203-04
Matrix: Sediment

Date Collected: 8/5/20 17:02

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	61		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-03D-SD
Lab ID: E203203-05
Station ID: LCP003
Matrix: Sediment
Date Collected: 8/5/20 12:04

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.15		mg/kg dry	0.050	8/27/20 9:16	8/27/20 12:40	EPA 7473
7429-90-5	Aluminum	15000		mg/kg dry	99	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-36-0	Antimony	0.62	J, QM-1	mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:24	EPA 200.8
7440-38-2	Arsenic	1.8	J, QM-1	mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:24	EPA 200.8
7440-39-3	Barium	130	J, QM-1	mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-41-7	Beryllium	3.0	U	mg/kg dry	3.0	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-43-9	Cadmium	1.0		mg/kg dry	0.099	8/26/20 10:26	8/31/20 16:24	EPA 200.8
7440-70-2	Calcium	420		mg/kg dry	250	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-47-3	Chromium	65		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-48-4	Cobalt	7.0		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-50-8	Copper	22		mg/kg dry	9.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7439-89-6	Iron	22000		mg/kg dry	99	8/26/20 10:11	8/28/20 13:02	EPA 6010
7439-92-1	Lead	110		mg/kg dry	0.99	8/26/20 10:26	8/31/20 20:22	EPA 200.8
7439-95-4	Magnesium	3300	J, QM-1	mg/kg dry	250	8/26/20 10:11	8/28/20 13:02	EPA 6010
7439-96-5	Manganese	260		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7439-98-7	Molybdenum	9.9	U, J, QM-1	mg/kg dry	9.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-02-0	Nickel	9.9	U	mg/kg dry	9.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-09-7	Potassium	3100	J, QM-1	mg/kg dry	990	8/26/20 10:11	8/28/20 13:02	EPA 6010
7782-49-2	Selenium	0.40	U, J, QM-1	mg/kg dry	0.40	8/26/20 10:26	8/31/20 16:24	EPA 200.8
7440-22-4	Silver	4.9	U	mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-23-5	Sodium	990	U	mg/kg dry	990	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-24-6	Strontium	5.7		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-28-0	Thallium	0.34		mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:24	EPA 200.8
7440-31-5	Tin	15	U	mg/kg dry	15	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-32-6	Titanium	1000		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-62-2	Vanadium	34		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-65-5	Yttrium	10		mg/kg dry	3.0	8/26/20 10:11	8/28/20 13:02	EPA 6010
7440-66-6	Zinc	93		mg/kg dry	9.9	8/26/20 10:11	8/28/20 13:02	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-03D-SD
Station ID: LCP003
Lab ID: E203203-05
Matrix: Sediment

Date Collected: 8/5/20 12:04

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-03S-SD
Station ID: LCP003
Lab ID: E203203-06
Matrix: Sediment

Date Collected: 8/5/20 12:01

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.19		mg/kg dry	0.049	8/27/20 9:16	8/27/20 12:47	EPA 7473
7429-90-5	Aluminum	22000		mg/kg dry	50	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-36-0	Antimony	1.1		mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:56	EPA 200.8
7440-38-2	Arsenic	2.9		mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:56	EPA 200.8
7440-39-3	Barium	130		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-43-9	Cadmium	0.82		mg/kg dry	0.10	8/26/20 10:26	8/31/20 16:56	EPA 200.8
7440-70-2	Calcium	610		mg/kg dry	120	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-47-3	Chromium	71		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-48-4	Cobalt	9.6		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-50-8	Copper	38		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:13	EPA 6010
7439-89-6	Iron	31000		mg/kg dry	50	8/26/20 10:11	8/28/20 13:13	EPA 6010
7439-92-1	Lead	160		mg/kg dry	1.0	8/26/20 10:26	8/31/20 17:03	EPA 200.8
7439-95-4	Magnesium	3200		mg/kg dry	120	8/26/20 10:11	8/28/20 13:13	EPA 6010
7439-96-5	Manganese	470		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-02-0	Nickel	9.5		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-09-7	Potassium	2800		mg/kg dry	500	8/26/20 10:11	8/28/20 13:13	EPA 6010
7782-49-2	Selenium	0.63		mg/kg dry	0.40	8/26/20 10:26	8/31/20 16:56	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-24-6	Strontium	7.6		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-28-0	Thallium	0.39		mg/kg dry	0.20	8/26/20 10:26	8/31/20 16:56	EPA 200.8
7440-31-5	Tin	7.6		mg/kg dry	7.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-32-6	Titanium	990		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-62-2	Vanadium	49		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-65-5	Yttrium	14		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:13	EPA 6010
7440-66-6	Zinc	120		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:13	EPA 6010

ED_006262_00000194-00016

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-03S-SD
Station ID: LCP003
Lab ID: E203203-06
Matrix: Sediment

Date Collected: 8/5/20 12:01

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	70		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-04D-SD
Lab ID: E203203-07
Station ID: LCP004
Matrix: Sediment
Date Collected: 8/5/20 13:26

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.049	U	mg/kg dry	0.049	8/27/20 9:16	8/27/20 12:54	EPA 7473
7429-90-5	Aluminum	9800		mg/kg dry	49	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:09	EPA 200.8
7440-38-2	Arsenic	0.27		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:09	EPA 200.8
7440-39-3	Barium	92		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-43-9	Cadmium	0.098	U	mg/kg dry	0.098	8/26/20 10:26	8/31/20 17:09	EPA 200.8
7440-70-2	Calcium	430		mg/kg dry	120	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-47-3	Chromium	22		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-48-4	Cobalt	9.1		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-50-8	Copper	13		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:16	EPA 6010
7439-89-6	Iron	20000		mg/kg dry	49	8/26/20 10:11	8/28/20 13:16	EPA 6010
7439-92-1	Lead	13		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:09	EPA 200.8
7439-95-4	Magnesium	2300		mg/kg dry	120	8/26/20 10:11	8/28/20 13:16	EPA 6010
7439-96-5	Manganese	480		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7439-98-7	Molybdenum	4.9	U	mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-02-0	Nickel	7.2		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-09-7	Potassium	2800		mg/kg dry	490	8/26/20 10:11	8/28/20 13:16	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	8/26/20 10:26	8/31/20 17:09	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-24-6	Strontium	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-28-0	Thallium	0.24		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:09	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-32-6	Titanium	850		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-62-2	Vanadium	29		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-65-5	Yttrium	6.1		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:16	EPA 6010
7440-66-6	Zinc	44		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:16	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-04D-SD
Station ID: LCP004
Lab ID: E203203-07
Matrix: Sediment

Date Collected: 8/5/20 13:26

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	75		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-04S-SD
Station ID: LCP004
Lab ID: E203203-08
Matrix: Sediment

Date Collected: 8/5/20 13:23

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.074		mg/kg dry	0.050	8/27/20 9:16	8/27/20 13:02	EPA 7473
7429-90-5	Aluminum	12000		mg/kg dry	50	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-36-0	Antimony	0.35		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:16	EPA 200.8
7440-38-2	Arsenic	1.3		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:16	EPA 200.8
7440-39-3	Barium	140		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-43-9	Cadmium	0.35		mg/kg dry	0.10	8/26/20 10:26	8/31/20 17:16	EPA 200.8
7440-70-2	Calcium	2100		mg/kg dry	120	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-47-3	Chromium	19		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-48-4	Cobalt	19		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-50-8	Copper	25		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:20	EPA 6010
7439-89-6	Iron	24000		mg/kg dry	50	8/26/20 10:11	8/28/20 13:20	EPA 6010
7439-92-1	Lead	27		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:16	EPA 200.8
7439-95-4	Magnesium	2100		mg/kg dry	120	8/26/20 10:11	8/28/20 13:20	EPA 6010
7439-96-5	Manganese	740		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-02-0	Nickel	9.3		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-09-7	Potassium	2600		mg/kg dry	500	8/26/20 10:11	8/28/20 13:20	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 17:16	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-24-6	Strontium	7.0		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-28-0	Thallium	0.31		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:16	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-32-6	Titanium	820		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-62-2	Vanadium	33		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-65-5	Yttrium	8.9		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:20	EPA 6010
7440-66-6	Zinc	100		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:20	EPA 6010

ED_006262_00000194-00020

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-04S-SD
Station ID: LCP004
Lab ID: E203203-08
Matrix: Sediment

Date Collected: 8/5/20 13:23

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	54		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-05D-SD
Lab ID: E203203-09
Station ID: LCP005
Matrix: Sediment

Date Collected: 8/5/20 12:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.062		mg/kg dry	0.049	8/27/20 9:16	8/27/20 13:09	EPA 7473
7429-90-5	Aluminum	6200		mg/kg dry	30	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-36-0	Antimony	0.26		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:22	EPA 200.8
7440-38-2	Arsenic	0.86		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:22	EPA 200.8
7440-39-3	Barium	79		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-41-7	Beryllium	0.89	U	mg/kg dry	0.89	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-43-9	Cadmium	0.82		mg/kg dry	0.099	8/26/20 10:26	8/31/20 17:22	EPA 200.8
7440-70-2	Calcium	350		mg/kg dry	74	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-47-3	Chromium	66		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-48-4	Cobalt	2.4		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-50-8	Copper	13		mg/kg dry	3.0	8/26/20 10:11	8/28/20 13:23	EPA 6010
7439-89-6	Iron	9700		mg/kg dry	30	8/26/20 10:11	8/28/20 13:23	EPA 6010
7439-92-1	Lead	44		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:22	EPA 200.8
7439-95-4	Magnesium	1900		mg/kg dry	74	8/26/20 10:11	8/28/20 13:23	EPA 6010
7439-96-5	Manganese	73		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:23	EPA 6010
7439-98-7	Molybdenum	3.0	U	mg/kg dry	3.0	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-02-0	Nickel	3.6		mg/kg dry	3.0	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-09-7	Potassium	1800		mg/kg dry	300	8/26/20 10:11	8/28/20 13:23	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 17:22	EPA 200.8
7440-22-4	Silver	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-23-5	Sodium	300	U	mg/kg dry	300	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-24-6	Strontium	5.7		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-28-0	Thallium	0.20		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:22	EPA 200.8
7440-31-5	Tin	4.5	U	mg/kg dry	4.5	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-32-6	Titanium	610		mg/kg dry	2.5	8/26/20 10:11	8/31/20 14:31	EPA 6010
7440-62-2	Vanadium	17		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-65-5	Yttrium	5.9		mg/kg dry	0.89	8/26/20 10:11	8/28/20 13:23	EPA 6010
7440-66-6	Zinc	56		mg/kg dry	3.0	8/26/20 10:11	8/28/20 13:23	EPA 6010

ED_006262_00000194-00022

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-05D-SD
Station ID: LCP005
Lab ID: E203203-09
Matrix: Sediment

Date Collected: 8/5/20 12:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	89		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-05S-SD
Station ID: LCP005
Lab ID: E203203-10
Matrix: Sediment

Date Collected: 8/5/20 12:32

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.13		mg/kg dry	0.050	8/27/20 9:16	8/27/20 13:16	EPA 7473
7429-90-5	Aluminum	13000		mg/kg dry	49	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-36-0	Antimony	0.63		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:41	EPA 200.8
7440-38-2	Arsenic	1.9		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:41	EPA 200.8
7440-39-3	Barium	110		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-43-9	Cadmium	1.3		mg/kg dry	0.099	8/26/20 10:26	8/31/20 17:41	EPA 200.8
7440-70-2	Calcium	920		mg/kg dry	120	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-47-3	Chromium	69		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-48-4	Cobalt	5.8		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-50-8	Copper	26		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:27	EPA 6010
7439-89-6	Iron	20000		mg/kg dry	49	8/26/20 10:11	8/28/20 13:27	EPA 6010
7439-92-1	Lead	110		mg/kg dry	0.99	8/26/20 10:26	8/31/20 17:48	EPA 200.8
7439-95-4	Magnesium	2400		mg/kg dry	120	8/26/20 10:11	8/28/20 13:27	EPA 6010
7439-96-5	Manganese	240		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7439-98-7	Molybdenum	4.9	U	mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-02-0	Nickel	6.7		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-09-7	Potassium	2100		mg/kg dry	490	8/26/20 10:11	8/28/20 13:27	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	8/26/20 10:26	8/31/20 17:41	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-24-6	Strontium	8.9		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-28-0	Thallium	0.27		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:41	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-32-6	Titanium	790		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-62-2	Vanadium	34		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-65-5	Yttrium	8.9		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:27	EPA 6010
7440-66-6	Zinc	110		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:27	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-05S-SD
Station ID: LCP005
Lab ID: E203203-10
Matrix: Sediment

Date Collected: 8/5/20 12:32

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-06D-SD
Lab ID: E203203-11
Station ID: LCP006
Matrix: Sediment

Date Collected: 8/5/20 12:53

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.048	U	mg/kg dry	0.048	8/27/20 9:16	8/27/20 13:55	EPA 7473
7429-90-5	Aluminum	3000		mg/kg dry	20	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-36-0	Antimony	0.23		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:54	EPA 200.8
7440-38-2	Arsenic	0.68		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:54	EPA 200.8
7440-39-3	Barium	53		mg/kg dry	0.99	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-41-7	Beryllium	0.59	U	mg/kg dry	0.59	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-43-9	Cadmium	0.28		mg/kg dry	0.099	8/26/20 10:26	8/31/20 17:54	EPA 200.8
7440-70-2	Calcium	220	U, B-2	mg/kg dry	220	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-47-3	Chromium	120		mg/kg dry	0.99	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-48-4	Cobalt	1.1		mg/kg dry	0.99	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-50-8	Copper	8.3		mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:44	EPA 6010
7439-89-6	Iron	5400		mg/kg dry	20	8/26/20 10:11	8/28/20 13:44	EPA 6010
7439-92-1	Lead	22		mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:54	EPA 200.8
7439-95-4	Magnesium	730		mg/kg dry	49	8/26/20 10:11	8/28/20 13:44	EPA 6010
7439-96-5	Manganese	38		mg/kg dry	0.99	8/26/20 10:11	8/28/20 13:44	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-02-0	Nickel	2.0	U	mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-09-7	Potassium	770		mg/kg dry	200	8/26/20 10:11	8/28/20 13:44	EPA 6010
7782-49-2	Selenium	0.48	U, D-4	mg/kg dry	0.48	8/26/20 10:26	8/31/20 17:54	EPA 200.8
7440-22-4	Silver	0.99	U	mg/kg dry	0.99	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-24-6	Strontium	6.5	U, B-2	mg/kg dry	6.5	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	8/26/20 10:26	8/31/20 17:54	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-32-6	Titanium	270		mg/kg dry	0.99	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-62-2	Vanadium	7.9		mg/kg dry	0.99	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-65-5	Yttrium	2.4		mg/kg dry	0.59	8/26/20 10:11	8/28/20 13:44	EPA 6010
7440-66-6	Zinc	20		mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:44	EPA 6010

ED_006262_00000194-00026

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-06D-SD
Station ID: LCP006
Lab ID: E203203-11
Matrix: Sediment

Date Collected: 8/5/20 12:53

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	90		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-06S-SD
Lab ID: E203203-12
Station ID: LCP006
Matrix: Sediment
Date Collected: 8/5/20 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.057		mg/kg dry	0.049	8/27/20 9:16	8/27/20 14:03	EPA 7473
7429-90-5	Aluminum	7200		mg/kg dry	39	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-36-0	Antimony	0.22		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:01	EPA 200.8
7440-38-2	Arsenic	1.1		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:01	EPA 200.8
7440-39-3	Barium	88		mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-41-7	Beryllium	1.2	U	mg/kg dry	1.2	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-43-9	Cadmium	0.57		mg/kg dry	0.098	8/26/20 10:26	8/31/20 18:01	EPA 200.8
7440-70-2	Calcium	750	U, B-2	mg/kg dry	750	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-47-3	Chromium	110		mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-48-4	Cobalt	3.1		mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-50-8	Copper	13		mg/kg dry	3.9	8/26/20 10:11	8/28/20 13:48	EPA 6010
7439-89-6	Iron	11000		mg/kg dry	39	8/26/20 10:11	8/28/20 13:48	EPA 6010
7439-92-1	Lead	44		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:01	EPA 200.8
7439-95-4	Magnesium	1900		mg/kg dry	98	8/26/20 10:11	8/28/20 13:48	EPA 6010
7439-96-5	Manganese	100		mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:48	EPA 6010
7439-98-7	Molybdenum	3.9	U	mg/kg dry	3.9	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-02-0	Nickel	3.9	U	mg/kg dry	3.9	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-09-7	Potassium	1800		mg/kg dry	390	8/26/20 10:11	8/28/20 13:48	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	8/26/20 10:26	8/31/20 18:01	EPA 200.8
7440-22-4	Silver	2.0	U	mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-23-5	Sodium	390	U	mg/kg dry	390	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-24-6	Strontium	15	U, B-2	mg/kg dry	15	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:01	EPA 200.8
7440-31-5	Tin	5.9	U	mg/kg dry	5.9	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-32-6	Titanium	630		mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-62-2	Vanadium	18		mg/kg dry	2.0	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-65-5	Yttrium	4.5		mg/kg dry	1.2	8/26/20 10:11	8/28/20 13:48	EPA 6010
7440-66-6	Zinc	48		mg/kg dry	3.9	8/26/20 10:11	8/28/20 13:48	EPA 6010

ED_006262_00000194-00028

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-06S-SD
Station ID: LCP006
Lab ID: E203203-12
Matrix: Sediment

Date Collected: 8/5/20 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	87		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-07D-SD
Lab ID: E203203-13
Station ID: LCP007
Matrix: Sediment
Date Collected: 8/5/20 15:06

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.26		mg/kg dry	0.049	8/27/20 9:16	8/27/20 14:10	EPA 7473
7429-90-5	Aluminum	28000		mg/kg dry	49	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-36-0	Antimony	0.47		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:07	EPA 200.8
7440-38-2	Arsenic	2.9		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:07	EPA 200.8
7440-39-3	Barium	170		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-43-9	Cadmium	3.6		mg/kg dry	0.098	8/26/20 10:26	8/31/20 18:07	EPA 200.8
7440-70-2	Calcium	410		mg/kg dry	120	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-47-3	Chromium	160		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-48-4	Cobalt	6.9		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-50-8	Copper	52		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:52	EPA 6010
7439-89-6	Iron	31000		mg/kg dry	49	8/26/20 10:11	8/28/20 13:52	EPA 6010
7439-92-1	Lead	250		mg/kg dry	0.98	8/26/20 10:26	8/31/20 18:14	EPA 200.8
7439-95-4	Magnesium	2200		mg/kg dry	120	8/26/20 10:11	8/28/20 13:52	EPA 6010
7439-96-5	Manganese	180		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7439-98-7	Molybdenum	4.9	U	mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-02-0	Nickel	9.9		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-09-7	Potassium	2000		mg/kg dry	490	8/26/20 10:11	8/28/20 13:52	EPA 6010
7782-49-2	Selenium	0.66		mg/kg dry	0.39	8/26/20 10:26	8/31/20 18:07	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-24-6	Strontium	8.2		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-28-0	Thallium	0.39		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:07	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-32-6	Titanium	930		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-62-2	Vanadium	74		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-65-5	Yttrium	15		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:52	EPA 6010
7440-66-6	Zinc	150		mg/kg dry	4.9	8/26/20 10:11	8/28/20 13:52	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-07D-SD
Station ID: LCP007
Lab ID: E203203-13
Matrix: Sediment

Date Collected: 8/5/20 15:06

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	57		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-07S-SD
Station ID: LCP007
Lab ID: E203203-14
Matrix: Sediment

Date Collected: 8/5/20 15:01

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.068		mg/kg dry	0.050	8/27/20 9:16	8/27/20 14:17	EPA 7473
7429-90-5	Aluminum	17000		mg/kg dry	50	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:20	EPA 200.8
7440-38-2	Arsenic	0.59		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:20	EPA 200.8
7440-39-3	Barium	74		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-43-9	Cadmium	0.28		mg/kg dry	0.099	8/26/20 10:26	8/31/20 18:20	EPA 200.8
7440-70-2	Calcium	340		mg/kg dry	120	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-47-3	Chromium	22		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-48-4	Cobalt	8.5		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-50-8	Copper	16		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:55	EPA 6010
7439-89-6	Iron	41000		mg/kg dry	50	8/26/20 10:11	8/28/20 13:55	EPA 6010
7439-92-1	Lead	36		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:20	EPA 200.8
7439-95-4	Magnesium	1200		mg/kg dry	120	8/26/20 10:11	8/28/20 13:55	EPA 6010
7439-96-5	Manganese	270		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-02-0	Nickel	5.9		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-09-7	Potassium	1700		mg/kg dry	500	8/26/20 10:11	8/28/20 13:55	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 18:20	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-24-6	Strontium	15	U, B-2	mg/kg dry	15	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-28-0	Thallium	0.27		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:20	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-32-6	Titanium	650		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-62-2	Vanadium	51		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-65-5	Yttrium	7.7		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:55	EPA 6010
7440-66-6	Zinc	49		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:55	EPA 6010

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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-07S-SD
Station ID: LCP007
Lab ID: E203203-14
Matrix: Sediment

Date Collected: 8/5/20 15:01

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	67		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-08D-SD
Lab ID: E203203-15
Station ID: LCP008
Matrix: Sediment

Date Collected: 8/5/20 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.28		mg/kg dry	0.048	8/27/20 9:16	8/27/20 14:24	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	50	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-36-0	Antimony	0.54	J, QM-1	mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:39	EPA 200.8
7440-38-2	Arsenic	3.0	J, QM-1, QM-3	mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:39	EPA 200.8
7440-39-3	Barium	170	J, QM-1	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-43-9	Cadmium	4.2		mg/kg dry	0.099	8/26/20 10:26	8/31/20 18:39	EPA 200.8
7440-70-2	Calcium	890		mg/kg dry	120	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-47-3	Chromium	240		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-48-4	Cobalt	10		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-50-8	Copper	47		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:59	EPA 6010
7439-89-6	Iron	33000		mg/kg dry	50	8/26/20 10:11	8/28/20 13:59	EPA 6010
7439-92-1	Lead	200		mg/kg dry	0.99	8/26/20 10:26	8/31/20 18:46	EPA 200.8
7439-95-4	Magnesium	2500	J, QM-1	mg/kg dry	120	8/26/20 10:11	8/28/20 13:59	EPA 6010
7439-96-5	Manganese	540		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7439-98-7	Molybdenum	5.0	U, J, QM-1, QM-3	mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-02-0	Nickel	9.6		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-09-7	Potassium	2000	J, QM-1	mg/kg dry	500	8/26/20 10:11	8/28/20 13:59	EPA 6010
7782-49-2	Selenium	0.49	J, QM-1, QM-3	mg/kg dry	0.40	8/26/20 10:26	8/31/20 18:39	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-24-6	Strontium	12		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-28-0	Thallium	0.36		mg/kg dry	0.20	8/26/20 10:26	8/31/20 18:39	EPA 200.8
7440-31-5	Tin	7.4	U, J, QM-3, QM-1	mg/kg dry	7.4	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-32-6	Titanium	910		mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-62-2	Vanadium	55	J, QM-1	mg/kg dry	2.5	8/26/20 10:11	8/28/20 13:59	EPA 6010
7440-65-5	Yttrium	13		mg/kg dry	1.5	8/26/20 10:11	8/28/20 13:59	EPA 6010

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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-08D-SD
Station ID: LCP008
Lab ID: E203203-15
Matrix: Sediment

Date Collected: 8/5/20 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-66-6	Zinc	180		mg/kg dry	5.0	8/26/20 10:11	8/28/20 13:59	EPA 6010

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Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-08D-SD
Station ID: LCP008
Lab ID: E203203-15
Matrix: Sediment

Date Collected: 8/5/20 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	66		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-08S-SD
Lab ID: E203203-16
Station ID: LCP008
Matrix: Sediment

Date Collected: 8/5/20 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.21		mg/kg dry	0.049	8/27/20 9:16	8/27/20 14:31	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	50	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-36-0	Antimony	0.52		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:18	EPA 200.8
7440-38-2	Arsenic	2.9		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:18	EPA 200.8
7440-39-3	Barium	190		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-43-9	Cadmium	2.1		mg/kg dry	0.099	8/26/20 10:26	8/31/20 19:18	EPA 200.8
7440-70-2	Calcium	2200		mg/kg dry	120	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-47-3	Chromium	61		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-48-4	Cobalt	12		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-50-8	Copper	42		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:09	EPA 6010
7439-89-6	Iron	35000		mg/kg dry	50	8/26/20 10:11	8/28/20 14:09	EPA 6010
7439-92-1	Lead	96		mg/kg dry	0.99	8/26/20 10:26	8/31/20 19:24	EPA 200.8
7439-95-4	Magnesium	3000		mg/kg dry	120	8/26/20 10:11	8/28/20 14:09	EPA 6010
7439-96-5	Manganese	770		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-02-0	Nickel	11		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-09-7	Potassium	2500		mg/kg dry	500	8/26/20 10:11	8/28/20 14:09	EPA 6010
7782-49-2	Selenium	0.56		mg/kg dry	0.40	8/26/20 10:26	8/31/20 19:18	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-24-6	Strontium	20		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-28-0	Thallium	0.40		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:18	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-32-6	Titanium	1000		mg/kg dry	5.0	8/26/20 10:11	8/31/20 14:34	EPA 6010
7440-62-2	Vanadium	57		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-65-5	Yttrium	15		mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:09	EPA 6010
7440-66-6	Zinc	220		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:09	EPA 6010

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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-08S-SD
Station ID: LCP008
Lab ID: E203203-16
Matrix: Sediment

Date Collected: 8/5/20 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	61		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-09D-SD
Station ID: LCP009
Lab ID: E203203-17
Matrix: Sediment

Date Collected: 8/5/20 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.12		mg/kg dry	0.048	8/27/20 9:16	8/27/20 14:39	EPA 7473
7429-90-5	Aluminum	17000		mg/kg dry	50	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-36-0	Antimony	0.28		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:30	EPA 200.8
7440-38-2	Arsenic	2.2		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:30	EPA 200.8
7440-39-3	Barium	150		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-43-9	Cadmium	0.67		mg/kg dry	0.099	8/26/20 10:26	8/31/20 19:30	EPA 200.8
7440-70-2	Calcium	1600		mg/kg dry	120	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-47-3	Chromium	54		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-48-4	Cobalt	9.0		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-50-8	Copper	28		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:13	EPA 6010
7439-89-6	Iron	27000		mg/kg dry	50	8/26/20 10:11	8/28/20 14:13	EPA 6010
7439-92-1	Lead	59		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:30	EPA 200.8
7439-95-4	Magnesium	3200		mg/kg dry	120	8/26/20 10:11	8/28/20 14:13	EPA 6010
7439-96-5	Manganese	460		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-02-0	Nickel	9.5		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-09-7	Potassium	2500		mg/kg dry	500	8/26/20 10:11	8/28/20 14:13	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 19:30	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-24-6	Strontium	13		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-28-0	Thallium	0.37		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:30	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-32-6	Titanium	1000		mg/kg dry	5.0	8/26/20 10:11	8/31/20 14:38	EPA 6010
7440-62-2	Vanadium	44		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-65-5	Yttrium	11		mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:13	EPA 6010
7440-66-6	Zinc	150		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:13	EPA 6010

ED_006262_00000194-00039

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-09D-SD
Station ID: LCP009
Lab ID: E203203-17
Matrix: Sediment

Date Collected: 8/5/20 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	66		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-09S-SD
Station ID: LCP009
Lab ID: E203203-18
Matrix: Sediment

Date Collected: 8/5/20 15:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.088		mg/kg dry	0.049	8/27/20 9:16	8/27/20 14:46	EPA 7473
7429-90-5	Aluminum	14000		mg/kg dry	50	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-36-0	Antimony	0.20		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:37	EPA 200.8
7440-38-2	Arsenic	1.6		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:37	EPA 200.8
7440-39-3	Barium	130		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-43-9	Cadmium	0.63		mg/kg dry	0.099	8/26/20 10:26	8/31/20 19:37	EPA 200.8
7440-70-2	Calcium	1600		mg/kg dry	120	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-47-3	Chromium	43		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-48-4	Cobalt	7.5		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-50-8	Copper	23		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:17	EPA 6010
7439-89-6	Iron	23000		mg/kg dry	50	8/26/20 10:11	8/28/20 14:17	EPA 6010
7439-92-1	Lead	46		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:37	EPA 200.8
7439-95-4	Magnesium	3100		mg/kg dry	120	8/26/20 10:11	8/28/20 14:17	EPA 6010
7439-96-5	Manganese	380		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-02-0	Nickel	8.2		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-09-7	Potassium	2700		mg/kg dry	500	8/26/20 10:11	8/28/20 14:17	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 19:37	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-24-6	Strontium	12		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-28-0	Thallium	0.33		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:37	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-32-6	Titanium	960		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-62-2	Vanadium	37		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-65-5	Yttrium	9.8		mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:17	EPA 6010
7440-66-6	Zinc	150		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:17	EPA 6010

ED_006262_00000194-00041

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-09S-SD
Station ID: LCP009
Lab ID: E203203-18
Matrix: Sediment

Date Collected: 8/5/20 15:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	68		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-10D-SD
Lab ID: E203203-19
Station ID: LCP010
Matrix: Sediment
Date Collected: 8/5/20 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.18		mg/kg dry	0.049	8/27/20 9:16	8/27/20 14:53	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	49	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-36-0	Antimony	0.57		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:56	EPA 200.8
7440-38-2	Arsenic	2.9		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:56	EPA 200.8
7440-39-3	Barium	160		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-43-9	Cadmium	0.68		mg/kg dry	0.098	8/26/20 10:26	8/31/20 19:56	EPA 200.8
7440-70-2	Calcium	1200		mg/kg dry	120	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-47-3	Chromium	67		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-48-4	Cobalt	9.1		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-50-8	Copper	36		mg/kg dry	4.9	8/26/20 10:11	8/28/20 14:20	EPA 6010
7439-89-6	Iron	39000		mg/kg dry	49	8/26/20 10:11	8/28/20 14:20	EPA 6010
7439-92-1	Lead	86		mg/kg dry	0.98	8/26/20 10:26	8/31/20 20:03	EPA 200.8
7439-95-4	Magnesium	3000		mg/kg dry	120	8/26/20 10:11	8/28/20 14:20	EPA 6010
7439-96-5	Manganese	280		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7439-98-7	Molybdenum	4.9	U	mg/kg dry	4.9	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-02-0	Nickel	10		mg/kg dry	4.9	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-09-7	Potassium	2300		mg/kg dry	490	8/26/20 10:11	8/28/20 14:20	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	8/26/20 10:26	8/31/20 19:56	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-24-6	Strontium	14		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-28-0	Thallium	0.40		mg/kg dry	0.20	8/26/20 10:26	8/31/20 19:56	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-32-6	Titanium	1100		mg/kg dry	4.9	8/26/20 10:11	8/31/20 14:42	EPA 6010
7440-62-2	Vanadium	58		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-65-5	Yttrium	14		mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:20	EPA 6010
7440-66-6	Zinc	170		mg/kg dry	4.9	8/26/20 10:11	8/28/20 14:20	EPA 6010

ED_006262_00000194-00043

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-10D-SD
Station ID: LCP010
Lab ID: E203203-19
Matrix: Sediment

Date Collected: 8/5/20 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	53		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-10S-SD
Station ID: LCP010
Lab ID: E203203-20
Matrix: Sediment

Date Collected: 8/5/20 14:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.17		mg/kg dry	0.048	8/27/20 9:16	8/27/20 15:00	EPA 7473
7429-90-5	Aluminum	21000		mg/kg dry	50	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-36-0	Antimony	0.47		mg/kg dry	0.20	8/26/20 10:26	8/31/20 20:09	EPA 200.8
7440-38-2	Arsenic	2.8		mg/kg dry	0.20	8/26/20 10:26	8/31/20 20:09	EPA 200.8
7440-39-3	Barium	170		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-43-9	Cadmium	1.4		mg/kg dry	0.10	8/26/20 10:26	8/31/20 20:09	EPA 200.8
7440-70-2	Calcium	3400		mg/kg dry	120	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-47-3	Chromium	63		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-48-4	Cobalt	10		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-50-8	Copper	36		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:24	EPA 6010
7439-89-6	Iron	34000		mg/kg dry	50	8/26/20 10:11	8/28/20 14:24	EPA 6010
7439-92-1	Lead	73		mg/kg dry	0.20	8/26/20 10:26	8/31/20 20:09	EPA 200.8
7439-95-4	Magnesium	3200		mg/kg dry	120	8/26/20 10:11	8/28/20 14:24	EPA 6010
7439-96-5	Manganese	770		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-02-0	Nickel	11		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-09-7	Potassium	2100		mg/kg dry	500	8/26/20 10:11	8/28/20 14:24	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	8/26/20 10:26	8/31/20 20:09	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-24-6	Strontium	25		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-28-0	Thallium	0.39		mg/kg dry	0.20	8/26/20 10:26	8/31/20 20:09	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-32-6	Titanium	1000		mg/kg dry	5.0	8/26/20 10:11	8/31/20 14:49	EPA 6010
7440-62-2	Vanadium	53		mg/kg dry	2.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-65-5	Yttrium	14		mg/kg dry	1.5	8/26/20 10:11	8/28/20 14:24	EPA 6010
7440-66-6	Zinc	230		mg/kg dry	5.0	8/26/20 10:11	8/28/20 14:24	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-10S-SD
Station ID: LCP010
Lab ID: E203203-20
Matrix: Sediment

Date Collected: 8/5/20 14:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	46		%	0.0	8/21/20 10:35	8/24/20 10:10	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-11D-SD
Lab ID: E203203-21
Station ID: LCP011
Matrix: Sediment

Date Collected: 8/5/20 12:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.79		mg/kg dry	0.047	9/01/20 8:00	9/01/20 9:21	EPA 7473
7429-90-5	Aluminum	36000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-36-0	Antimony	1.1		mg/kg dry	0.20	9/01/20 11:14	9/08/20 14:41	EPA 200.8
7440-38-2	Arsenic	5.2		mg/kg dry	0.20	9/01/20 11:14	9/08/20 14:41	EPA 200.8
7440-39-3	Barium	210		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-43-9	Cadmium	1.9		mg/kg dry	0.10	9/01/20 11:14	9/08/20 14:41	EPA 200.8
7440-70-2	Calcium	840		mg/kg dry	120	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-47-3	Chromium	970		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-48-4	Cobalt	4.8		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-50-8	Copper	100		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:02	EPA 6010
7439-89-6	Iron	34000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:02	EPA 6010
7439-92-1	Lead	280		mg/kg dry	1.0	9/01/20 11:14	9/08/20 14:47	EPA 200.8
7439-95-4	Magnesium	2300		mg/kg dry	120	9/01/20 11:07	9/04/20 14:02	EPA 6010
7439-96-5	Manganese	190		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-02-0	Nickel	13		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-09-7	Potassium	2000		mg/kg dry	500	9/01/20 11:07	9/04/20 14:02	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 14:41	EPA 200.8
7440-22-4	Silver	2.5		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-24-6	Strontium	17		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-28-0	Thallium	0.37		mg/kg dry	0.20	9/01/20 11:14	9/08/20 14:41	EPA 200.8
7440-31-5	Tin	36		mg/kg dry	7.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-32-6	Titanium	980		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-62-2	Vanadium	70		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-65-5	Yttrium	15		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:02	EPA 6010
7440-66-6	Zinc	200		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:02	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-11D-SD
Station ID: LCP011
Lab ID: E203203-21
Matrix: Sediment

Date Collected: 8/5/20 12:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	52		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-11S-SD
Station ID: LCP011
Lab ID: E203203-22
Matrix: Sediment

Date Collected: 8/5/20 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.40		mg/kg dry	0.049	9/01/20 8:00	9/01/20 9:29	EPA 7473
7429-90-5	Aluminum	31000		mg/kg dry	49	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-36-0	Antimony	13		mg/kg dry	0.20	9/01/20 11:14	9/08/20 14:54	EPA 200.8
7440-38-2	Arsenic	4.2		mg/kg dry	0.20	9/01/20 11:14	9/08/20 14:54	EPA 200.8
7440-39-3	Barium	210		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-43-9	Cadmium	2.9		mg/kg dry	0.099	9/01/20 11:14	9/08/20 14:54	EPA 200.8
7440-70-2	Calcium	1200		mg/kg dry	120	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-47-3	Chromium	190		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-48-4	Cobalt	7.7		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-50-8	Copper	88		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:05	EPA 6010
7439-89-6	Iron	33000		mg/kg dry	49	9/01/20 11:07	9/04/20 14:05	EPA 6010
7439-92-1	Lead	170		mg/kg dry	0.99	9/01/20 11:14	9/08/20 15:00	EPA 200.8
7439-95-4	Magnesium	2700		mg/kg dry	120	9/01/20 11:07	9/04/20 14:05	EPA 6010
7439-96-5	Manganese	270		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7439-98-7	Molybdenum	4.9	U	mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-02-0	Nickel	13		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-09-7	Potassium	2300		mg/kg dry	490	9/01/20 11:07	9/04/20 14:05	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	9/01/20 11:14	9/08/20 14:54	EPA 200.8
7440-22-4	Silver	4.0		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-24-6	Strontium	14		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-28-0	Thallium	0.44		mg/kg dry	0.20	9/01/20 11:14	9/08/20 14:54	EPA 200.8
7440-31-5	Tin	12		mg/kg dry	7.4	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-32-6	Titanium	1100		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-62-2	Vanadium	80		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-65-5	Yttrium	14		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:05	EPA 6010
7440-66-6	Zinc	230		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:05	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-11S-SD
Station ID: LCP011
Lab ID: E203203-22
Matrix: Sediment

Date Collected: 8/5/20 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	40		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-12D-SD
Station ID: LCP012
Lab ID: E203203-23
Matrix: Sediment

Date Collected: 8/5/20 12:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.34		mg/kg dry	0.048	9/01/20 8:00	9/01/20 9:36	EPA 7473
7429-90-5	Aluminum	30000		mg/kg dry	49	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-36-0	Antimony	1.7	J, QM-1	mg/kg dry	0.20	9/01/20 11:14	9/08/20 15:19	EPA 200.8
7440-38-2	Arsenic	4.9	J, QM-1	mg/kg dry	0.20	9/01/20 11:14	9/08/20 15:19	EPA 200.8
7440-39-3	Barium	190	J, QM-1	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-43-9	Cadmium	2.4		mg/kg dry	0.099	9/01/20 11:14	9/08/20 15:19	EPA 200.8
7440-70-2	Calcium	1700		mg/kg dry	120	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-47-3	Chromium	340		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-48-4	Cobalt	7.7		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-50-8	Copper	50		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:09	EPA 6010
7439-89-6	Iron	30000		mg/kg dry	49	9/01/20 11:07	9/04/20 14:09	EPA 6010
7439-92-1	Lead	140		mg/kg dry	0.99	9/01/20 11:14	9/08/20 15:26	EPA 200.8
7439-95-4	Magnesium	2400		mg/kg dry	120	9/01/20 11:07	9/04/20 14:09	EPA 6010
7439-96-5	Manganese	260		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7439-98-7	Molybdenum	4.9	U, J, QM-1	mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-02-0	Nickel	12		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-09-7	Potassium	1400		mg/kg dry	490	9/01/20 11:07	9/04/20 14:09	EPA 6010
7782-49-2	Selenium	0.39	U, J, QM-1, QM-3	mg/kg dry	0.39	9/01/20 11:14	9/08/20 15:19	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-24-6	Strontium	17		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-28-0	Thallium	0.38		mg/kg dry	0.20	9/01/20 11:14	9/08/20 15:19	EPA 200.8
7440-31-5	Tin	8.5	J, QM-1	mg/kg dry	7.4	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-32-6	Titanium	980		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-62-2	Vanadium	72	J, QM-1	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:09	EPA 6010
7440-65-5	Yttrium	14		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:09	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-12D-SD
Station ID: LCP012
Lab ID: E203203-23
Matrix: Sediment

Date Collected: 8/5/20 12:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-66-6	Zinc	210		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:09	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-12D-SD
Station ID: LCP012
Lab ID: E203203-23
Matrix: Sediment

Date Collected: 8/5/20 12:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	45		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-12S-SD
Station ID: LCP012
Lab ID: E203203-24
Matrix: Sediment

Date Collected: 8/5/20 12:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.18		mg/kg dry	0.048	9/01/20 8:00	9/01/20 9:43	EPA 7473
7429-90-5	Aluminum	26000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-36-0	Antimony	0.65		mg/kg dry	0.20	9/01/20 11:14	9/08/20 15:58	EPA 200.8
7440-38-2	Arsenic	5.3		mg/kg dry	0.20	9/01/20 11:14	9/08/20 15:58	EPA 200.8
7440-39-3	Barium	200		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-43-9	Cadmium	1.2		mg/kg dry	0.099	9/01/20 11:14	9/08/20 15:58	EPA 200.8
7440-70-2	Calcium	3700		mg/kg dry	120	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-47-3	Chromium	78		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-48-4	Cobalt	11		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-50-8	Copper	37		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:20	EPA 6010
7439-89-6	Iron	41000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:20	EPA 6010
7439-92-1	Lead	78		mg/kg dry	0.20	9/01/20 11:14	9/08/20 15:58	EPA 200.8
7439-95-4	Magnesium	2500		mg/kg dry	120	9/01/20 11:07	9/04/20 14:20	EPA 6010
7439-96-5	Manganese	1100		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-02-0	Nickel	12		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-09-7	Potassium	1800		mg/kg dry	500	9/01/20 11:07	9/04/20 14:20	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 15:58	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-24-6	Strontium	26		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-28-0	Thallium	0.36		mg/kg dry	0.20	9/01/20 11:14	9/08/20 15:58	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-32-6	Titanium	950		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-62-2	Vanadium	65		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-65-5	Yttrium	14		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:20	EPA 6010
7440-66-6	Zinc	220		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:20	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-12S-SD
Station ID: LCP012
Lab ID: E203203-24
Matrix: Sediment
Date Collected: 8/5/20 12:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	33		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-13D-SD
Station ID: LCP013
Lab ID: E203203-25
Matrix: Sediment

Date Collected: 8/5/20 16:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.081		mg/kg dry	0.049	9/01/20 8:00	9/01/20 9:51	EPA 7473
7429-90-5	Aluminum	4000		mg/kg dry	10	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-36-0	Antimony	0.33		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:11	EPA 200.8
7440-38-2	Arsenic	0.60		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:11	EPA 200.8
7440-39-3	Barium	36		mg/kg dry	0.50	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-41-7	Beryllium	0.30	U	mg/kg dry	0.30	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-43-9	Cadmium	0.50		mg/kg dry	0.10	9/01/20 11:14	9/08/20 16:11	EPA 200.8
7440-70-2	Calcium	160		mg/kg dry	25	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-47-3	Chromium	60		mg/kg dry	0.50	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-48-4	Cobalt	1.3		mg/kg dry	0.50	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-50-8	Copper	7.7		mg/kg dry	1.0	9/01/20 11:07	9/04/20 14:23	EPA 6010
7439-89-6	Iron	6000		mg/kg dry	10	9/01/20 11:07	9/04/20 14:23	EPA 6010
7439-92-1	Lead	29		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:11	EPA 200.8
7439-95-4	Magnesium	550		mg/kg dry	25	9/01/20 11:07	9/04/20 14:23	EPA 6010
7439-96-5	Manganese	32		mg/kg dry	0.50	9/01/20 11:07	9/04/20 14:23	EPA 6010
7439-98-7	Molybdenum	1.0	U	mg/kg dry	1.0	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-02-0	Nickel	1.9		mg/kg dry	1.0	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-09-7	Potassium	540		mg/kg dry	100	9/01/20 11:07	9/04/20 14:23	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 16:11	EPA 200.8
7440-22-4	Silver	0.50	U	mg/kg dry	0.50	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-23-5	Sodium	100	U	mg/kg dry	100	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-24-6	Strontium	4.7		mg/kg dry	0.50	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:11	EPA 200.8
7440-31-5	Tin	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-32-6	Titanium	250		mg/kg dry	0.50	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-62-2	Vanadium	12		mg/kg dry	0.50	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-65-5	Yttrium	2.0		mg/kg dry	0.30	9/01/20 11:07	9/04/20 14:23	EPA 6010
7440-66-6	Zinc	33		mg/kg dry	1.0	9/01/20 11:07	9/04/20 14:23	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-13D-SD
Station ID: LCP013
Lab ID: E203203-25
Matrix: Sediment

Date Collected: 8/5/20 16:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-13S-SD
Lab ID: E203203-26
Station ID: LCP013
Matrix: Sediment

Date Collected: 8/5/20 16:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.24		mg/kg dry	0.049	9/01/20 8:00	9/01/20 10:12	EPA 7473
7429-90-5	Aluminum	25000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-36-0	Antimony	2.3		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:30	EPA 200.8
7440-38-2	Arsenic	7.7		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:30	EPA 200.8
7440-39-3	Barium	170		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-43-9	Cadmium	4.5		mg/kg dry	0.099	9/01/20 11:14	9/08/20 16:30	EPA 200.8
7440-70-2	Calcium	980		mg/kg dry	120	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-47-3	Chromium	71		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-48-4	Cobalt	7.2		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-50-8	Copper	43		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:27	EPA 6010
7439-89-6	Iron	44000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:27	EPA 6010
7439-92-1	Lead	160		mg/kg dry	0.99	9/01/20 11:14	9/08/20 16:30	EPA 200.8
7439-95-4	Magnesium	2600		mg/kg dry	120	9/01/20 11:07	9/04/20 14:27	EPA 6010
7439-96-5	Manganese	210		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-02-0	Nickel	11		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-09-7	Potassium	1900		mg/kg dry	500	9/01/20 11:07	9/04/20 14:27	EPA 6010
7782-49-2	Selenium	0.50		mg/kg dry	0.40	9/01/20 11:14	9/08/20 16:30	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-24-6	Strontium	16		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-28-0	Thallium	0.38		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:30	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-32-6	Titanium	1000		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-62-2	Vanadium	60		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-65-5	Yttrium	13		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:27	EPA 6010
7440-66-6	Zinc	230		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:27	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-13S-SD
Station ID: LCP013
Lab ID: E203203-26
Matrix: Sediment

Date Collected: 8/5/20 16:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	36		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-14D-SD
Lab ID: E203203-27
Station ID: LCP014
Matrix: Sediment

Date Collected: 8/5/20 16:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.36		mg/kg dry	0.048	9/01/20 8:00	9/01/20 10:20	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	49	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-36-0	Antimony	0.54		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:43	EPA 200.8
7440-38-2	Arsenic	4.0		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:43	EPA 200.8
7440-39-3	Barium	160		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-43-9	Cadmium	2.8		mg/kg dry	0.099	9/01/20 11:14	9/08/20 16:43	EPA 200.8
7440-70-2	Calcium	260		mg/kg dry	120	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-47-3	Chromium	380		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-48-4	Cobalt	7.5		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-50-8	Copper	53		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:30	EPA 6010
7439-89-6	Iron	32000		mg/kg dry	49	9/01/20 11:07	9/04/20 14:30	EPA 6010
7439-92-1	Lead	170		mg/kg dry	0.99	9/01/20 11:14	9/08/20 16:49	EPA 200.8
7439-95-4	Magnesium	1900		mg/kg dry	120	9/01/20 11:07	9/04/20 14:30	EPA 6010
7439-96-5	Manganese	390		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7439-98-7	Molybdenum	4.9	U	mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-02-0	Nickel	8.0		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-09-7	Potassium	1300		mg/kg dry	490	9/01/20 11:07	9/04/20 14:30	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	9/01/20 11:14	9/08/20 16:43	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-24-6	Strontium	7.4		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-28-0	Thallium	0.28		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:43	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-32-6	Titanium	780		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-62-2	Vanadium	52		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-65-5	Yttrium	13		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:30	EPA 6010
7440-66-6	Zinc	150		mg/kg dry	4.9	9/01/20 11:07	9/04/20 14:30	EPA 6010

ED_006262_00000194-00060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-14D-SD
Station ID: LCP014
Lab ID: E203203-27
Matrix: Sediment

Date Collected: 8/5/20 16:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	65		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-14S-SD
Station ID: LCP014
Lab ID: E203203-28
Matrix: Sediment

Date Collected: 8/5/20 16:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.22		mg/kg dry	0.048	9/01/20 8:00	9/01/20 10:27	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-36-0	Antimony	1.6		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:56	EPA 200.8
7440-38-2	Arsenic	4.2		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:56	EPA 200.8
7440-39-3	Barium	140		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-43-9	Cadmium	3.3		mg/kg dry	0.099	9/01/20 11:14	9/08/20 16:56	EPA 200.8
7440-70-2	Calcium	760		mg/kg dry	120	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-47-3	Chromium	75		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-48-4	Cobalt	10		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-50-8	Copper	36		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:34	EPA 6010
7439-89-6	Iron	35000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:34	EPA 6010
7439-92-1	Lead	140		mg/kg dry	0.99	9/01/20 11:14	9/08/20 17:02	EPA 200.8
7439-95-4	Magnesium	2300		mg/kg dry	120	9/01/20 11:07	9/04/20 14:34	EPA 6010
7439-96-5	Manganese	590		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-02-0	Nickel	10		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-09-7	Potassium	1600		mg/kg dry	500	9/01/20 11:07	9/04/20 14:34	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 16:56	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-24-6	Strontium	9.8		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-28-0	Thallium	0.30		mg/kg dry	0.20	9/01/20 11:14	9/08/20 16:56	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-32-6	Titanium	850		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-62-2	Vanadium	57		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-65-5	Yttrium	13		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:34	EPA 6010
7440-66-6	Zinc	160		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:34	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-14S-SD
Station ID: LCP014
Lab ID: E203203-28
Matrix: Sediment

Date Collected: 8/5/20 16:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	60		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-15D-SD
Station ID: LCP015
Lab ID: E203203-29
Matrix: Sediment

Date Collected: 8/5/20 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.22		mg/kg dry	0.048	9/01/20 8:00	9/01/20 10:34	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-36-0	Antimony	2.0		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:08	EPA 200.8
7440-38-2	Arsenic	4.5		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:08	EPA 200.8
7440-39-3	Barium	200		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-43-9	Cadmium	3.8		mg/kg dry	0.099	9/01/20 11:14	9/08/20 17:08	EPA 200.8
7440-70-2	Calcium	820		mg/kg dry	120	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-47-3	Chromium	200		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-48-4	Cobalt	8.1		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-50-8	Copper	48		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:38	EPA 6010
7439-89-6	Iron	39000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:38	EPA 6010
7439-92-1	Lead	130		mg/kg dry	0.99	9/01/20 11:14	9/08/20 17:15	EPA 200.8
7439-95-4	Magnesium	2300		mg/kg dry	120	9/01/20 11:07	9/04/20 14:38	EPA 6010
7439-96-5	Manganese	390		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-02-0	Nickel	11		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-09-7	Potassium	1600		mg/kg dry	500	9/01/20 11:07	9/04/20 14:38	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 17:08	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-24-6	Strontium	14		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-28-0	Thallium	0.34		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:08	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-32-6	Titanium	960		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-62-2	Vanadium	59		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-65-5	Yttrium	13		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:38	EPA 6010
7440-66-6	Zinc	190		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:38	EPA 6010

ED_006262_00000194-00064

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-15D-SD
Station ID: LCP015
Lab ID: E203203-29
Matrix: Sediment

Date Collected: 8/5/20 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	43		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-15S-SD
Station ID: LCP015
Lab ID: E203203-30
Matrix: Sediment

Date Collected: 8/5/20 15:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.15		mg/kg dry	0.048	9/01/20 8:00	9/01/20 10:41	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-36-0	Antimony	0.29		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:21	EPA 200.8
7440-38-2	Arsenic	4.5		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:21	EPA 200.8
7440-39-3	Barium	170		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-43-9	Cadmium	0.79		mg/kg dry	0.10	9/01/20 11:14	9/08/20 17:21	EPA 200.8
7440-70-2	Calcium	1500		mg/kg dry	120	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-47-3	Chromium	55		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-48-4	Cobalt	9.9		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-50-8	Copper	37		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:41	EPA 6010
7439-89-6	Iron	43000		mg/kg dry	50	9/01/20 11:07	9/04/20 14:41	EPA 6010
7439-92-1	Lead	65		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:21	EPA 200.8
7439-95-4	Magnesium	3300		mg/kg dry	120	9/01/20 11:07	9/04/20 14:41	EPA 6010
7439-96-5	Manganese	440		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-02-0	Nickel	11		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-09-7	Potassium	2000		mg/kg dry	500	9/01/20 11:07	9/04/20 14:41	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 17:21	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-24-6	Strontium	15		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-28-0	Thallium	0.37		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:21	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-32-6	Titanium	1200		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-62-2	Vanadium	57		mg/kg dry	2.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-65-5	Yttrium	13		mg/kg dry	1.5	9/01/20 11:07	9/04/20 14:41	EPA 6010
7440-66-6	Zinc	170		mg/kg dry	5.0	9/01/20 11:07	9/04/20 14:41	EPA 6010

ED_006262_00000194-00066

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-15S-SD
Station ID: LCP015
Lab ID: E203203-30
Matrix: Sediment

Date Collected: 8/5/20 15:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	38		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-16D-SD
Lab ID: E203203-31
Station ID: LCP016
Matrix: Sediment

Date Collected: 8/5/20 11:39

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	1.2		mg/kg dry	0.049	9/01/20 8:00	9/01/20 11:46	EPA 7473
7429-90-5	Aluminum	31000		mg/kg dry	49	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-36-0	Antimony	0.32		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:40	EPA 200.8
7440-38-2	Arsenic	4.9		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:40	EPA 200.8
7440-39-3	Barium	190		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-43-9	Cadmium	4.7		mg/kg dry	0.099	9/01/20 11:14	9/08/20 17:40	EPA 200.8
7440-70-2	Calcium	610		mg/kg dry	120	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-47-3	Chromium	570		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-48-4	Cobalt	7.8		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-50-8	Copper	83		mg/kg dry	4.9	9/01/20 11:07	9/04/20 15:02	EPA 6010
7439-89-6	Iron	27000		mg/kg dry	49	9/01/20 11:07	9/04/20 15:02	EPA 6010
7439-92-1	Lead	210		mg/kg dry	0.99	9/01/20 11:14	9/08/20 17:47	EPA 200.8
7439-95-4	Magnesium	2200		mg/kg dry	120	9/01/20 11:07	9/04/20 15:02	EPA 6010
7439-96-5	Manganese	180		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7439-98-7	Molybdenum	4.9	U	mg/kg dry	4.9	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-02-0	Nickel	11		mg/kg dry	4.9	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-09-7	Potassium	1900		mg/kg dry	490	9/01/20 11:07	9/04/20 15:02	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	9/01/20 11:14	9/08/20 17:40	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-24-6	Strontium	14		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-28-0	Thallium	0.44		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:40	EPA 200.8
7440-31-5	Tin	22		mg/kg dry	7.4	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-32-6	Titanium	960		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-62-2	Vanadium	69		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-65-5	Yttrium	15		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:02	EPA 6010
7440-66-6	Zinc	400		mg/kg dry	4.9	9/01/20 11:07	9/04/20 15:02	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-16D-SD
Station ID: LCP016
Lab ID: E203203-31
Matrix: Sediment

Date Collected: 8/5/20 11:39

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	53		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-16S-SD
Station ID: LCP016
Lab ID: E203203-32
Matrix: Sediment

Date Collected: 8/5/20 11:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.80		mg/kg dry	0.050	9/01/20 8:00	9/01/20 11:14	EPA 7473
7429-90-5	Aluminum	30000		mg/kg dry	50	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-36-0	Antimony	0.29	J, QM-1	mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:53	EPA 200.8
7440-38-2	Arsenic	3.2	J, QM-1	mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:53	EPA 200.8
7440-39-3	Barium	210		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-43-9	Cadmium	3.4		mg/kg dry	0.099	9/01/20 11:14	9/08/20 17:53	EPA 200.8
7440-70-2	Calcium	440		mg/kg dry	120	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-47-3	Chromium	550		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-48-4	Cobalt	6.0		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-50-8	Copper	75		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:06	EPA 6010
7439-89-6	Iron	27000		mg/kg dry	50	9/01/20 11:07	9/04/20 15:06	EPA 6010
7439-92-1	Lead	240		mg/kg dry	0.99	9/01/20 11:14	9/08/20 18:00	EPA 200.8
7439-95-4	Magnesium	2300		mg/kg dry	120	9/01/20 11:07	9/04/20 15:06	EPA 6010
7439-96-5	Manganese	150		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7439-98-7	Molybdenum	5.0	U, J, QM-1	mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-02-0	Nickel	9.8		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-09-7	Potassium	2000		mg/kg dry	500	9/01/20 11:07	9/04/20 15:06	EPA 6010
7782-49-2	Selenium	0.40	U, J, QM-3, QM-1	mg/kg dry	0.40	9/01/20 11:14	9/08/20 17:53	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-24-6	Strontium	12		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-28-0	Thallium	0.40		mg/kg dry	0.20	9/01/20 11:14	9/08/20 17:53	EPA 200.8
7440-31-5	Tin	19	J, QM-1	mg/kg dry	7.4	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-32-6	Titanium	920		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-62-2	Vanadium	61	J, QM-1	mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:06	EPA 6010
7440-65-5	Yttrium	17		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:06	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-16S-SD
Station ID: LCP016
Lab ID: E203203-32
Matrix: Sediment

Date Collected: 8/5/20 11:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-66-6	Zinc	290		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:06	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-16S-SD
Station ID: LCP016
Lab ID: E203203-32
Matrix: Sediment

Date Collected: 8/5/20 11:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	52		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-17D-SD
Station ID: LCP017
Lab ID: E203203-33
Matrix: Sediment

Date Collected: 8/5/20 12:21

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20		mg/kg dry	0.048	9/01/20 8:00	9/01/20 11:21	EPA 7473
7429-90-5	Aluminum	24000		mg/kg dry	50	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-36-0	Antimony	0.50		mg/kg dry	0.20	9/01/20 11:14	9/08/20 18:32	EPA 200.8
7440-38-2	Arsenic	3.0		mg/kg dry	0.20	9/01/20 11:14	9/08/20 18:32	EPA 200.8
7440-39-3	Barium	180		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-43-9	Cadmium	3.0		mg/kg dry	0.10	9/01/20 11:14	9/08/20 18:32	EPA 200.8
7440-70-2	Calcium	1900		mg/kg dry	120	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-47-3	Chromium	82		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-48-4	Cobalt	10		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-50-8	Copper	39		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:17	EPA 6010
7439-89-6	Iron	33000		mg/kg dry	50	9/01/20 11:07	9/04/20 15:17	EPA 6010
7439-92-1	Lead	150		mg/kg dry	1.0	9/01/20 11:14	9/08/20 18:38	EPA 200.8
7439-95-4	Magnesium	3200		mg/kg dry	120	9/01/20 11:07	9/04/20 15:17	EPA 6010
7439-96-5	Manganese	580		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-02-0	Nickel	12		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-09-7	Potassium	2300		mg/kg dry	500	9/01/20 11:07	9/04/20 15:17	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 18:32	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-24-6	Strontium	20		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-28-0	Thallium	0.38		mg/kg dry	0.20	9/01/20 11:14	9/08/20 18:32	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-32-6	Titanium	1100		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-62-2	Vanadium	56		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-65-5	Yttrium	14		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:17	EPA 6010
7440-66-6	Zinc	220		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:17	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-17D-SD
Station ID: LCP017
Lab ID: E203203-33
Matrix: Sediment

Date Collected: 8/5/20 12:21

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	64		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-17S-SD
Station ID: LCP017
Lab ID: E203203-34
Matrix: Sediment

Date Collected: 8/5/20 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.15		mg/kg dry	0.048	9/01/20 8:00	9/01/20 11:28	EPA 7473
7429-90-5	Aluminum	22000		mg/kg dry	50	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/01/20 11:14	9/08/20 18:57	EPA 200.8
7440-38-2	Arsenic	3.1		mg/kg dry	0.20	9/01/20 11:14	9/08/20 18:57	EPA 200.8
7440-39-3	Barium	170		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-43-9	Cadmium	0.96		mg/kg dry	0.099	9/01/20 11:14	9/08/20 18:57	EPA 200.8
7440-70-2	Calcium	2000		mg/kg dry	120	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-47-3	Chromium	49		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-48-4	Cobalt	11		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-50-8	Copper	37		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:20	EPA 6010
7439-89-6	Iron	34000		mg/kg dry	50	9/01/20 11:07	9/04/20 15:20	EPA 6010
7439-92-1	Lead	71		mg/kg dry	0.20	9/01/20 11:14	9/08/20 18:57	EPA 200.8
7439-95-4	Magnesium	3200		mg/kg dry	120	9/01/20 11:07	9/04/20 15:20	EPA 6010
7439-96-5	Manganese	720		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-02-0	Nickel	11		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-09-7	Potassium	2600		mg/kg dry	500	9/01/20 11:07	9/04/20 15:20	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 18:57	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-24-6	Strontium	17		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-28-0	Thallium	0.36		mg/kg dry	0.20	9/01/20 11:14	9/08/20 18:57	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-32-6	Titanium	1000		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-62-2	Vanadium	52		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-65-5	Yttrium	13		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:20	EPA 6010
7440-66-6	Zinc	200		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:20	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-17S-SD
Station ID: LCP017
Lab ID: E203203-34
Matrix: Sediment

Date Collected: 8/5/20 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	58		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-18D-SD
Lab ID: E203203-35
Station ID: LCP018
Matrix: Sediment

Date Collected: 8/5/20 12:59

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.13		mg/kg dry	0.049	9/01/20 8:00	9/01/20 11:55	EPA 7473
7429-90-5	Aluminum	18000		mg/kg dry	50	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-36-0	Antimony	0.84		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:10	EPA 200.8
7440-38-2	Arsenic	2.8		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:10	EPA 200.8
7440-39-3	Barium	140		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-43-9	Cadmium	1.8		mg/kg dry	0.099	9/01/20 11:14	9/08/20 19:10	EPA 200.8
7440-70-2	Calcium	440		mg/kg dry	120	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-47-3	Chromium	79		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-48-4	Cobalt	7.6		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-50-8	Copper	33		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:24	EPA 6010
7439-89-6	Iron	25000		mg/kg dry	50	9/01/20 11:07	9/04/20 15:24	EPA 6010
7439-92-1	Lead	120		mg/kg dry	0.99	9/01/20 11:14	9/08/20 19:17	EPA 200.8
7439-95-4	Magnesium	3000		mg/kg dry	120	9/01/20 11:07	9/04/20 15:24	EPA 6010
7439-96-5	Manganese	340		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-02-0	Nickel	8.1		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-09-7	Potassium	2800		mg/kg dry	500	9/01/20 11:07	9/04/20 15:24	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 19:10	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-24-6	Strontium	7.2		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-28-0	Thallium	0.32		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:10	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-32-6	Titanium	990		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-62-2	Vanadium	42		mg/kg dry	2.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-65-5	Yttrium	11		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:24	EPA 6010
7440-66-6	Zinc	110		mg/kg dry	5.0	9/01/20 11:07	9/04/20 15:24	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-18D-SD
Station ID: LCP018
Lab ID: E203203-35
Matrix: Sediment

Date Collected: 8/5/20 12:59

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	76		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-18S-SD
Station ID: LCP018
Lab ID: E203203-36
Matrix: Sediment

Date Collected: 8/5/20 12:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.10		mg/kg dry	0.049	9/01/20 8:00	9/01/20 11:42	EPA 7473
7429-90-5	Aluminum	15000		mg/kg dry	30	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-36-0	Antimony	0.41		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:23	EPA 200.8
7440-38-2	Arsenic	2.1		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:23	EPA 200.8
7440-39-3	Barium	130		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-41-7	Beryllium	0.89	U	mg/kg dry	0.89	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-43-9	Cadmium	1.9		mg/kg dry	0.099	9/01/20 11:14	9/08/20 19:23	EPA 200.8
7440-70-2	Calcium	1200		mg/kg dry	74	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-47-3	Chromium	55		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-48-4	Cobalt	6.6		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-50-8	Copper	22		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:27	EPA 6010
7439-89-6	Iron	21000		mg/kg dry	30	9/01/20 11:07	9/04/20 15:27	EPA 6010
7439-92-1	Lead	57		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:23	EPA 200.8
7439-95-4	Magnesium	2900		mg/kg dry	74	9/01/20 11:07	9/04/20 15:27	EPA 6010
7439-96-5	Manganese	280		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7439-98-7	Molybdenum	3.0	U	mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-02-0	Nickel	8.3		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-09-7	Potassium	2700		mg/kg dry	300	9/01/20 11:07	9/04/20 15:27	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 19:23	EPA 200.8
7440-22-4	Silver	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-23-5	Sodium	300	U	mg/kg dry	300	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-24-6	Strontium	11		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-28-0	Thallium	0.29		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:23	EPA 200.8
7440-31-5	Tin	4.5	U	mg/kg dry	4.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-32-6	Titanium	970		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-62-2	Vanadium	39		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-65-5	Yttrium	8.8		mg/kg dry	0.89	9/01/20 11:07	9/04/20 15:27	EPA 6010
7440-66-6	Zinc	130		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:27	EPA 6010

ED_006262_00000194-00079

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-18S-SD
Station ID: LCP018
Lab ID: E203203-36
Matrix: Sediment

Date Collected: 8/5/20 12:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	72		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-19D-SD
Station ID: LCP019
Lab ID: E203203-37
Matrix: Sediment

Date Collected: 8/5/20 14:47

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.072		mg/kg dry	0.048	9/01/20 8:00	9/01/20 11:50	EPA 7473
7429-90-5	Aluminum	8800		mg/kg dry	20	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-36-0	Antimony	0.23		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:29	EPA 200.8
7440-38-2	Arsenic	1.3		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:29	EPA 200.8
7440-39-3	Barium	68		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-41-7	Beryllium	0.60	U	mg/kg dry	0.60	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-43-9	Cadmium	0.45		mg/kg dry	0.099	9/01/20 11:14	9/08/20 19:29	EPA 200.8
7440-70-2	Calcium	330		mg/kg dry	50	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-47-3	Chromium	41		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-48-4	Cobalt	4.2		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-50-8	Copper	11		mg/kg dry	2.0	9/01/20 11:07	9/04/20 15:31	EPA 6010
7439-89-6	Iron	13000		mg/kg dry	20	9/01/20 11:07	9/04/20 15:31	EPA 6010
7439-92-1	Lead	29		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:29	EPA 200.8
7439-95-4	Magnesium	1900		mg/kg dry	50	9/01/20 11:07	9/04/20 15:31	EPA 6010
7439-96-5	Manganese	150		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:31	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-02-0	Nickel	5.3		mg/kg dry	2.0	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-09-7	Potassium	1800		mg/kg dry	200	9/01/20 11:07	9/04/20 15:31	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 19:29	EPA 200.8
7440-22-4	Silver	0.99	U	mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-24-6	Strontium	5.1		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:29	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-32-6	Titanium	650		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-62-2	Vanadium	23		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-65-5	Yttrium	5.6		mg/kg dry	0.60	9/01/20 11:07	9/04/20 15:31	EPA 6010
7440-66-6	Zinc	62		mg/kg dry	2.0	9/01/20 11:07	9/04/20 15:31	EPA 6010

ED_006262_00000194-00081

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-19D-SD
Station ID: LCP019
Lab ID: E203203-37
Matrix: Sediment

Date Collected: 8/5/20 14:47

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	81		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-19S-SD
Station ID: LCP019
Lab ID: E203203-38
Matrix: Sediment

Date Collected: 8/5/20 14:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.085		mg/kg dry	0.049	9/01/20 8:00	9/01/20 11:57	EPA 7473
7429-90-5	Aluminum	13000		mg/kg dry	20	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:36	EPA 200.8
7440-38-2	Arsenic	1.5		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:36	EPA 200.8
7440-39-3	Barium	110		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-41-7	Beryllium	0.65		mg/kg dry	0.60	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-43-9	Cadmium	0.81		mg/kg dry	0.099	9/01/20 11:14	9/08/20 19:36	EPA 200.8
7440-70-2	Calcium	680		mg/kg dry	50	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-47-3	Chromium	43		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-48-4	Cobalt	5.7		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-50-8	Copper	18		mg/kg dry	2.0	9/01/20 11:07	9/04/20 15:35	EPA 6010
7439-89-6	Iron	19000		mg/kg dry	20	9/01/20 11:07	9/04/20 15:35	EPA 6010
7439-92-1	Lead	45		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:36	EPA 200.8
7439-95-4	Magnesium	2600		mg/kg dry	50	9/01/20 11:07	9/04/20 15:35	EPA 6010
7439-96-5	Manganese	250		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:35	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-02-0	Nickel	6.9		mg/kg dry	2.0	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-09-7	Potassium	2400		mg/kg dry	200	9/01/20 11:07	9/04/20 15:35	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 19:36	EPA 200.8
7440-22-4	Silver	0.99	U	mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-24-6	Strontium	7.7		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-28-0	Thallium	0.26		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:36	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-32-6	Titanium	870		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-62-2	Vanadium	34		mg/kg dry	0.99	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-65-5	Yttrium	8.3		mg/kg dry	0.60	9/01/20 11:07	9/04/20 15:35	EPA 6010
7440-66-6	Zinc	97		mg/kg dry	2.0	9/01/20 11:07	9/04/20 15:35	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-19S-SD
Station ID: LCP019
Lab ID: E203203-38
Matrix: Sediment

Date Collected: 8/5/20 14:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-20D-SD
Station ID: LCP020
Lab ID: E203203-39
Matrix: Sediment

Date Collected: 8/5/20 16:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.14		mg/kg dry	0.048	9/01/20 8:00	9/01/20 12:04	EPA 7473
7429-90-5	Aluminum	17000		mg/kg dry	30	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-36-0	Antimony	2.1		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:42	EPA 200.8
7440-38-2	Arsenic	2.1		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:42	EPA 200.8
7440-39-3	Barium	140		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-41-7	Beryllium	0.89	U	mg/kg dry	0.89	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-43-9	Cadmium	3.9		mg/kg dry	0.099	9/01/20 11:14	9/08/20 19:42	EPA 200.8
7440-70-2	Calcium	680		mg/kg dry	74	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-47-3	Chromium	64		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-48-4	Cobalt	6.2		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-50-8	Copper	37		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:38	EPA 6010
7439-89-6	Iron	20000		mg/kg dry	30	9/01/20 11:07	9/04/20 15:38	EPA 6010
7439-92-1	Lead	94		mg/kg dry	0.99	9/01/20 11:14	9/08/20 19:49	EPA 200.8
7439-95-4	Magnesium	2600		mg/kg dry	74	9/01/20 11:07	9/04/20 15:38	EPA 6010
7439-96-5	Manganese	190		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7439-98-7	Molybdenum	3.0	U	mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-02-0	Nickel	9.2		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-09-7	Potassium	2300		mg/kg dry	300	9/01/20 11:07	9/04/20 15:38	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 19:42	EPA 200.8
7440-22-4	Silver	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-23-5	Sodium	300	U	mg/kg dry	300	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-24-6	Strontium	9.6		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-28-0	Thallium	0.29		mg/kg dry	0.20	9/01/20 11:14	9/08/20 19:42	EPA 200.8
7440-31-5	Tin	4.5	U	mg/kg dry	4.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-32-6	Titanium	940		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-62-2	Vanadium	45		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-65-5	Yttrium	10		mg/kg dry	0.89	9/01/20 11:07	9/04/20 15:38	EPA 6010
7440-66-6	Zinc	170		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:38	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-20D-SD
Station ID: LCP020
Lab ID: E203203-39
Matrix: Sediment

Date Collected: 8/5/20 16:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	59		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-20S-SD
Station ID: LCP020
Lab ID: E203203-40
Matrix: Sediment

Date Collected: 8/5/20 16:16

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.15		mg/kg dry	0.050	9/01/20 8:00	9/01/20 12:11	EPA 7473
7429-90-5	Aluminum	18000		mg/kg dry	30	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-36-0	Antimony	0.90		mg/kg dry	0.20	9/01/20 11:14	9/08/20 20:08	EPA 200.8
7440-38-2	Arsenic	2.1		mg/kg dry	0.20	9/01/20 11:14	9/08/20 20:08	EPA 200.8
7440-39-3	Barium	130		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-41-7	Beryllium	0.90	U	mg/kg dry	0.90	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-43-9	Cadmium	4.6		mg/kg dry	0.10	9/01/20 11:14	9/08/20 20:08	EPA 200.8
7440-70-2	Calcium	950		mg/kg dry	75	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-47-3	Chromium	59		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-48-4	Cobalt	5.9		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-50-8	Copper	31		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:42	EPA 6010
7439-89-6	Iron	19000		mg/kg dry	30	9/01/20 11:07	9/04/20 15:42	EPA 6010
7439-92-1	Lead	74		mg/kg dry	0.20	9/01/20 11:14	9/08/20 20:08	EPA 200.8
7439-95-4	Magnesium	2600		mg/kg dry	75	9/01/20 11:07	9/04/20 15:42	EPA 6010
7439-96-5	Manganese	220		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7439-98-7	Molybdenum	3.0	U	mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-02-0	Nickel	9.2		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-09-7	Potassium	2100		mg/kg dry	300	9/01/20 11:07	9/04/20 15:42	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/01/20 11:14	9/08/20 20:08	EPA 200.8
7440-22-4	Silver	1.5	U	mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-23-5	Sodium	300	U	mg/kg dry	300	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-24-6	Strontium	9.9		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-28-0	Thallium	0.29		mg/kg dry	0.20	9/01/20 11:14	9/08/20 20:08	EPA 200.8
7440-31-5	Tin	4.5	U	mg/kg dry	4.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-32-6	Titanium	930		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-62-2	Vanadium	45		mg/kg dry	1.5	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-65-5	Yttrium	11		mg/kg dry	0.90	9/01/20 11:07	9/04/20 15:42	EPA 6010
7440-66-6	Zinc	190		mg/kg dry	3.0	9/01/20 11:07	9/04/20 15:42	EPA 6010

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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-20S-SD
Station ID: LCP020
Lab ID: E203203-40
Matrix: Sediment

Date Collected: 8/5/20 16:16

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	52		%	0.0	8/27/20 11:00	8/31/20 10:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-21D-SD
Station ID: LCP021
Lab ID: E203203-41
Matrix: Sediment

Date Collected: 8/5/20 13:28

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.22		mg/kg dry	0.048	9/02/20 8:00	9/02/20 9:33	EPA 7473
7429-90-5	Aluminum	27000		mg/kg dry	40	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-36-0	Antimony	0.20 U, J, QM-1		mg/kg dry	0.20	9/02/20 10:10	9/08/20 20:53	EPA 200.8
7440-38-2	Arsenic	2.4 J, QM-1		mg/kg dry	0.20	9/02/20 10:10	9/08/20 20:53	EPA 200.8
7440-39-3	Barium	32		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-41-7	Beryllium	1.2 U		mg/kg dry	1.2	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-43-9	Cadmium	0.099 U		mg/kg dry	0.099	9/02/20 10:10	9/08/20 20:53	EPA 200.8
7440-70-2	Calcium	220		mg/kg dry	99	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-47-3	Chromium	34		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-48-4	Cobalt	2.0 U		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-50-8	Copper	9.5		mg/kg dry	4.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7439-89-6	Iron	35000		mg/kg dry	40	9/02/20 9:59	9/04/20 16:17	EPA 6010
7439-92-1	Lead	17		mg/kg dry	0.20	9/02/20 10:10	9/08/20 20:53	EPA 200.8
7439-95-4	Magnesium	200		mg/kg dry	99	9/02/20 9:59	9/04/20 16:17	EPA 6010
7439-96-5	Manganese	87		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7439-98-7	Molybdenum	4.0 U, J, QM-1		mg/kg dry	4.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-02-0	Nickel	4.0 U		mg/kg dry	4.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-09-7	Potassium	400 U		mg/kg dry	400	9/02/20 9:59	9/04/20 16:17	EPA 6010
7782-49-2	Selenium	0.40 U, J, QM-1		mg/kg dry	0.40	9/02/20 10:10	9/08/20 20:53	EPA 200.8
7440-22-4	Silver	2.0 U		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-23-5	Sodium	400 U		mg/kg dry	400	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-24-6	Strontium	3.8		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-28-0	Thallium	0.20 U		mg/kg dry	0.20	9/02/20 10:10	9/08/20 20:53	EPA 200.8
7440-31-5	Tin	5.9 U		mg/kg dry	5.9	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-32-6	Titanium	140 J, QM-1		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-62-2	Vanadium	62 J, QM-1		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-65-5	Yttrium	1.8		mg/kg dry	1.2	9/02/20 9:59	9/04/20 16:17	EPA 6010
7440-66-6	Zinc	15		mg/kg dry	4.0	9/02/20 9:59	9/04/20 16:17	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-21D-SD
Station ID: LCP021
Lab ID: E203203-41
Matrix: Sediment

Date Collected: 8/5/20 13:28

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	72		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-21S-SD
Station ID: LCP021
Lab ID: E203203-42
Matrix: Sediment

Date Collected: 8/5/20 13:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.19		mg/kg dry	0.048	9/02/20 8:00	9/02/20 9:41	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	30	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 21:38	EPA 200.8
7440-38-2	Arsenic	2.3		mg/kg dry	0.20	9/02/20 10:10	9/08/20 21:38	EPA 200.8
7440-39-3	Barium	46		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-41-7	Beryllium	0.89	U	mg/kg dry	0.89	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-43-9	Cadmium	0.33		mg/kg dry	0.099	9/02/20 10:10	9/08/20 21:38	EPA 200.8
7440-70-2	Calcium	320		mg/kg dry	74	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-47-3	Chromium	36		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-48-4	Cobalt	2.1		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-50-8	Copper	12		mg/kg dry	3.0	9/02/20 9:59	9/04/20 16:28	EPA 6010
7439-89-6	Iron	29000		mg/kg dry	30	9/02/20 9:59	9/04/20 16:28	EPA 6010
7439-92-1	Lead	26		mg/kg dry	0.20	9/02/20 10:10	9/08/20 21:38	EPA 200.8
7439-95-4	Magnesium	380		mg/kg dry	74	9/02/20 9:59	9/04/20 16:28	EPA 6010
7439-96-5	Manganese	96		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:28	EPA 6010
7439-98-7	Molybdenum	3.0	U	mg/kg dry	3.0	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-02-0	Nickel	3.9		mg/kg dry	3.0	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-09-7	Potassium	380		mg/kg dry	300	9/02/20 9:59	9/04/20 16:28	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 21:38	EPA 200.8
7440-22-4	Silver	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-23-5	Sodium	300	U	mg/kg dry	300	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-24-6	Strontium	4.9		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 21:38	EPA 200.8
7440-31-5	Tin	4.4	U	mg/kg dry	4.4	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-32-6	Titanium	170		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-62-2	Vanadium	51		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-65-5	Yttrium	3.3		mg/kg dry	0.89	9/02/20 9:59	9/04/20 16:28	EPA 6010
7440-66-6	Zinc	30		mg/kg dry	3.0	9/02/20 9:59	9/04/20 16:28	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-21S-SD
Station ID: LCP021
Lab ID: E203203-42
Matrix: Sediment

Date Collected: 8/5/20 13:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	68		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-22D-SD
Station ID: LCP022
Lab ID: E203203-43
Matrix: Sediment

Date Collected: 8/5/20 16:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.16		mg/kg dry	0.048	9/02/20 8:00	9/02/20 9:48	EPA 7473
7429-90-5	Aluminum	22000		mg/kg dry	49	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-36-0	Antimony	0.79		mg/kg dry	0.20	9/02/20 10:10	9/08/20 21:50	EPA 200.8
7440-38-2	Arsenic	3.0		mg/kg dry	0.20	9/02/20 10:10	9/08/20 21:50	EPA 200.8
7440-39-3	Barium	160		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-43-9	Cadmium	1.6		mg/kg dry	0.099	9/02/20 10:10	9/08/20 21:50	EPA 200.8
7440-70-2	Calcium	1200		mg/kg dry	120	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-47-3	Chromium	60		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-48-4	Cobalt	8.1		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-50-8	Copper	34		mg/kg dry	4.9	9/02/20 9:59	9/04/20 16:31	EPA 6010
7439-89-6	Iron	31000		mg/kg dry	49	9/02/20 9:59	9/04/20 16:31	EPA 6010
7439-92-1	Lead	77		mg/kg dry	0.20	9/02/20 10:10	9/08/20 21:50	EPA 200.8
7439-95-4	Magnesium	3100		mg/kg dry	120	9/02/20 9:59	9/04/20 16:31	EPA 6010
7439-96-5	Manganese	350		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7439-98-7	Molybdenum	4.9	U	mg/kg dry	4.9	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-02-0	Nickel	10		mg/kg dry	4.9	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-09-7	Potassium	2600		mg/kg dry	490	9/02/20 9:59	9/04/20 16:31	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 21:50	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-23-5	Sodium	490	U	mg/kg dry	490	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-24-6	Strontium	13		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-28-0	Thallium	0.37		mg/kg dry	0.20	9/02/20 10:10	9/08/20 21:50	EPA 200.8
7440-31-5	Tin	7.4	U	mg/kg dry	7.4	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-32-6	Titanium	1100		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-62-2	Vanadium	53		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-65-5	Yttrium	13		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:31	EPA 6010
7440-66-6	Zinc	170		mg/kg dry	4.9	9/02/20 9:59	9/04/20 16:31	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-22D-SD
Station ID: LCP022
Lab ID: E203203-43
Matrix: Sediment

Date Collected: 8/5/20 16:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	56		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-22S-SD
Station ID: LCP022
Lab ID: E203203-44
Matrix: Sediment

Date Collected: 8/5/20 15:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.097		mg/kg dry	0.049	9/02/20 8:00	9/02/20 9:56	EPA 7473
7429-90-5	Aluminum	18000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:03	EPA 200.8
7440-38-2	Arsenic	2.7		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:03	EPA 200.8
7440-39-3	Barium	150		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-43-9	Cadmium	0.46		mg/kg dry	0.099	9/02/20 10:10	9/08/20 22:03	EPA 200.8
7440-70-2	Calcium	1700		mg/kg dry	120	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-47-3	Chromium	42		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-48-4	Cobalt	7.7		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-50-8	Copper	26		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:35	EPA 6010
7439-89-6	Iron	26000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:35	EPA 6010
7439-92-1	Lead	50		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:03	EPA 200.8
7439-95-4	Magnesium	3200		mg/kg dry	120	9/02/20 9:59	9/04/20 16:35	EPA 6010
7439-96-5	Manganese	360		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-02-0	Nickel	9.1		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-09-7	Potassium	3000		mg/kg dry	500	9/02/20 9:59	9/04/20 16:35	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 22:03	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-24-6	Strontium	14		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-28-0	Thallium	0.34		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:03	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-32-6	Titanium	1000		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-62-2	Vanadium	44		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-65-5	Yttrium	11		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:35	EPA 6010
7440-66-6	Zinc	140		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:35	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-22S-SD
Station ID: LCP022
Lab ID: E203203-44
Matrix: Sediment

Date Collected: 8/5/20 15:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	57		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-23D-SD
Station ID: LCP023
Lab ID: E203203-45
Matrix: Sediment

Date Collected: 8/5/20 15:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.071		mg/kg dry	0.049	9/02/20 8:00	9/02/20 10:03	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:10	EPA 200.8
7440-38-2	Arsenic	0.98		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:10	EPA 200.8
7440-39-3	Barium	190		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-43-9	Cadmium	0.10	U	mg/kg dry	0.10	9/02/20 10:10	9/08/20 22:10	EPA 200.8
7440-70-2	Calcium	530		mg/kg dry	120	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-47-3	Chromium	15		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-48-4	Cobalt	7.2		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-50-8	Copper	6.5		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:38	EPA 6010
7439-89-6	Iron	28000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:38	EPA 6010
7439-92-1	Lead	12		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:10	EPA 200.8
7439-95-4	Magnesium	3900		mg/kg dry	120	9/02/20 9:59	9/04/20 16:38	EPA 6010
7439-96-5	Manganese	250		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-02-0	Nickel	5.1		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-09-7	Potassium	4100		mg/kg dry	500	9/02/20 9:59	9/04/20 16:38	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 22:10	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-24-6	Strontium	8.0		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-28-0	Thallium	0.39		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:10	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-32-6	Titanium	1700		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-62-2	Vanadium	36		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-65-5	Yttrium	19		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:38	EPA 6010
7440-66-6	Zinc	52		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:38	EPA 6010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-23D-SD
Station ID: LCP023
Lab ID: E203203-45
Matrix: Sediment

Date Collected: 8/5/20 15:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-23S-SD
Station ID: LCP023
Lab ID: E203203-46
Matrix: Sediment

Date Collected: 8/5/20 15:03

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.071		mg/kg dry	0.048	9/02/20 8:00	9/02/20 10:25	EPA 7473
7429-90-5	Aluminum	23000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:16	EPA 200.8
7440-38-2	Arsenic	1.4		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:16	EPA 200.8
7440-39-3	Barium	190		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-43-9	Cadmium	0.10	U	mg/kg dry	0.10	9/02/20 10:10	9/08/20 22:16	EPA 200.8
7440-70-2	Calcium	640		mg/kg dry	120	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-47-3	Chromium	15		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-48-4	Cobalt	7.0		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-50-8	Copper	7.6		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:42	EPA 6010
7439-89-6	Iron	28000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:42	EPA 6010
7439-92-1	Lead	15		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:16	EPA 200.8
7439-95-4	Magnesium	3600		mg/kg dry	120	9/02/20 9:59	9/04/20 16:42	EPA 6010
7439-96-5	Manganese	250		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-02-0	Nickel	5.3		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-09-7	Potassium	3300		mg/kg dry	500	9/02/20 9:59	9/04/20 16:42	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 22:16	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-24-6	Strontium	8.4		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-28-0	Thallium	0.38		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:16	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-32-6	Titanium	1400		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-62-2	Vanadium	36		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-65-5	Yttrium	20		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:42	EPA 6010
7440-66-6	Zinc	55		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:42	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-23S-SD
Station ID: LCP023
Lab ID: E203203-46
Matrix: Sediment

Date Collected: 8/5/20 15:03

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	68		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-24D-SD
Station ID: LCP024
Lab ID: E203203-47
Matrix: Sediment

Date Collected: 8/5/20 15:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.28		mg/kg dry	0.049	9/02/20 8:00	9/02/20 10:32	EPA 7473
7429-90-5	Aluminum	28000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-36-0	Antimony	2.2		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:35	EPA 200.8
7440-38-2	Arsenic	4.9		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:35	EPA 200.8
7440-39-3	Barium	190		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-43-9	Cadmium	6.7		mg/kg dry	0.10	9/02/20 10:10	9/08/20 22:35	EPA 200.8
7440-70-2	Calcium	520		mg/kg dry	120	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-47-3	Chromium	150		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-48-4	Cobalt	7.8		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-50-8	Copper	61		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:46	EPA 6010
7439-89-6	Iron	32000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:46	EPA 6010
7439-92-1	Lead	220		mg/kg dry	1.0	9/02/20 10:10	9/08/20 22:42	EPA 200.8
7439-95-4	Magnesium	2600		mg/kg dry	120	9/02/20 9:59	9/04/20 16:46	EPA 6010
7439-96-5	Manganese	270		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-02-0	Nickel	12		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-09-7	Potassium	2000		mg/kg dry	500	9/02/20 9:59	9/04/20 16:46	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 22:35	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-24-6	Strontium	10		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-28-0	Thallium	0.38		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:35	EPA 200.8
7440-31-5	Tin	8.6		mg/kg dry	7.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-32-6	Titanium	1100		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-62-2	Vanadium	70		mg/kg dry	2.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-65-5	Yttrium	15		mg/kg dry	1.5	9/02/20 9:59	9/04/20 16:46	EPA 6010
7440-66-6	Zinc	270		mg/kg dry	5.0	9/02/20 9:59	9/04/20 16:46	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-24D-SD
Station ID: LCP024
Lab ID: E203203-47
Matrix: Sediment

Date Collected: 8/5/20 15:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	36		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-25D-SD
Station ID: LCP025
Lab ID: E203203-48
Matrix: Sediment

Date Collected: 8/6/20 12:42

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.050	U	mg/kg dry	0.050	9/02/20 8:00	9/02/20 10:39	EPA 7473
7429-90-5	Aluminum	9100		mg/kg dry	20	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:48	EPA 200.8
7440-38-2	Arsenic	0.51		mg/kg dry	0.20	9/02/20 10:10	9/09/20 15:49	EPA 200.8
7440-39-3	Barium	74		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-41-7	Beryllium	0.60	U	mg/kg dry	0.60	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-43-9	Cadmium	0.099	U	mg/kg dry	0.099	9/02/20 10:10	9/08/20 22:48	EPA 200.8
7440-70-2	Calcium	240		mg/kg dry	50	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-47-3	Chromium	31		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-48-4	Cobalt	3.7		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-50-8	Copper	7.4		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:49	EPA 6010
7439-89-6	Iron	15000		mg/kg dry	20	9/02/20 9:59	9/04/20 16:49	EPA 6010
7439-92-1	Lead	9.1		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:48	EPA 200.8
7439-95-4	Magnesium	2000		mg/kg dry	50	9/02/20 9:59	9/04/20 16:49	EPA 6010
7439-96-5	Manganese	68		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:49	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-02-0	Nickel	5.6		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-09-7	Potassium	1900		mg/kg dry	200	9/02/20 9:59	9/04/20 16:49	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 22:48	EPA 200.8
7440-22-4	Silver	0.99	U	mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-24-6	Strontium	4.8		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:48	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-32-6	Titanium	690		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-62-2	Vanadium	25		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-65-5	Yttrium	5.0		mg/kg dry	0.60	9/02/20 9:59	9/04/20 16:49	EPA 6010
7440-66-6	Zinc	27		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:49	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-25D-SD
Station ID: LCP025
Lab ID: E203203-48
Matrix: Sediment

Date Collected: 8/6/20 12:42

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	75		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-25S-SD
Station ID: LCP025
Lab ID: E203203-49
Matrix: Sediment

Date Collected: 8/6/20 12:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.048	U	mg/kg dry	0.048	9/02/20 8:00	9/02/20 10:46	EPA 7473
7429-90-5	Aluminum	6500		mg/kg dry	20	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:55	EPA 200.8
7440-38-2	Arsenic	0.69		mg/kg dry	0.20	9/02/20 10:10	9/09/20 15:56	EPA 200.8
7440-39-3	Barium	61		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-41-7	Beryllium	0.59	U	mg/kg dry	0.59	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-43-9	Cadmium	0.099	U	mg/kg dry	0.099	9/02/20 10:10	9/08/20 22:55	EPA 200.8
7440-70-2	Calcium	160		mg/kg dry	50	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-47-3	Chromium	20		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-48-4	Cobalt	2.9		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-50-8	Copper	5.1		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:53	EPA 6010
7439-89-6	Iron	11000		mg/kg dry	20	9/02/20 9:59	9/04/20 16:53	EPA 6010
7439-92-1	Lead	6.4		mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:55	EPA 200.8
7439-95-4	Magnesium	1600		mg/kg dry	50	9/02/20 9:59	9/04/20 16:53	EPA 6010
7439-96-5	Manganese	55		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:53	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-02-0	Nickel	5.1		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-09-7	Potassium	1400		mg/kg dry	200	9/02/20 9:59	9/04/20 16:53	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 22:55	EPA 200.8
7440-22-4	Silver	0.99	U	mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-24-6	Strontium	2.2		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 22:55	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-32-6	Titanium	510		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-62-2	Vanadium	17		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-65-5	Yttrium	3.7		mg/kg dry	0.59	9/02/20 9:59	9/04/20 16:53	EPA 6010
7440-66-6	Zinc	24		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:53	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-25S-SD
Station ID: LCP025
Lab ID: E203203-49
Matrix: Sediment

Date Collected: 8/6/20 12:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	68		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-26D-SD
Station ID: LCP026
Lab ID: E203203-50
Matrix: Sediment

Date Collected: 8/6/20 11:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.16		mg/kg dry	0.049	9/02/20 8:00	9/02/20 10:53	EPA 7473
7429-90-5	Aluminum	9900		mg/kg dry	20	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:01	EPA 200.8
7440-38-2	Arsenic	1.5		mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:01	EPA 200.8
7440-39-3	Barium	98		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-41-7	Beryllium	0.59	U	mg/kg dry	0.59	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-43-9	Cadmium	0.40		mg/kg dry	0.099	9/02/20 10:10	9/08/20 23:01	EPA 200.8
7440-70-2	Calcium	730		mg/kg dry	50	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-47-3	Chromium	34		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-48-4	Cobalt	4.6		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-50-8	Copper	12		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:56	EPA 6010
7439-89-6	Iron	15000		mg/kg dry	20	9/02/20 9:59	9/04/20 16:56	EPA 6010
7439-92-1	Lead	25		mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:01	EPA 200.8
7439-95-4	Magnesium	2800		mg/kg dry	50	9/02/20 9:59	9/04/20 16:56	EPA 6010
7439-96-5	Manganese	120		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:56	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-02-0	Nickel	6.4		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-09-7	Potassium	2800		mg/kg dry	200	9/02/20 9:59	9/04/20 16:56	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/08/20 23:01	EPA 200.8
7440-22-4	Silver	0.99	U	mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-24-6	Strontium	5.6		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-28-0	Thallium	0.26		mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:01	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-32-6	Titanium	910		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-62-2	Vanadium	27		mg/kg dry	0.99	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-65-5	Yttrium	6.0		mg/kg dry	0.59	9/02/20 9:59	9/04/20 16:56	EPA 6010
7440-66-6	Zinc	85		mg/kg dry	2.0	9/02/20 9:59	9/04/20 16:56	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-26D-SD
Station ID: LCP026
Lab ID: E203203-50
Matrix: Sediment

Date Collected: 8/6/20 11:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	70		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-26S-SD
Station ID: LCP026
Lab ID: E203203-51
Matrix: Sediment

Date Collected: 8/6/20 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.12		mg/kg dry	0.047	9/02/20 8:00	9/02/20 11:16	EPA 7473
7429-90-5	Aluminum	12000		mg/kg dry	20	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-36-0	Antimony	9.8	J, QM-1	mg/kg dry	0.20	9/02/20 10:10	9/09/20 14:06	EPA 200.8
7440-38-2	Arsenic	1.8		mg/kg dry	0.20	9/02/20 10:10	9/09/20 14:06	EPA 200.8
7440-39-3	Barium	120		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-41-7	Beryllium	0.60	U	mg/kg dry	0.60	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-43-9	Cadmium	3.1		mg/kg dry	0.099	9/02/20 10:10	9/09/20 14:06	EPA 200.8
7440-70-2	Calcium	770		mg/kg dry	50	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-47-3	Chromium	58		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-48-4	Cobalt	5.2		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-50-8	Copper	34		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:17	EPA 6010
7439-89-6	Iron	14000		mg/kg dry	20	9/02/20 9:59	9/04/20 17:17	EPA 6010
7439-92-1	Lead	52		mg/kg dry	0.20	9/02/20 10:10	9/09/20 14:06	EPA 200.8
7439-95-4	Magnesium	2200	J, QM-1	mg/kg dry	50	9/02/20 9:59	9/04/20 17:17	EPA 6010
7439-96-5	Manganese	110		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:17	EPA 6010
7439-98-7	Molybdenum	2.0	U, J, QM-1	mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-02-0	Nickel	8.1		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-09-7	Potassium	2100	J, QM-1	mg/kg dry	200	9/02/20 9:59	9/04/20 17:17	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/09/20 14:06	EPA 200.8
7440-22-4	Silver	1.4		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-24-6	Strontium	9.1		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-28-0	Thallium	0.26		mg/kg dry	0.20	9/02/20 10:10	9/09/20 14:06	EPA 200.8
7440-31-5	Tin	4.1		mg/kg dry	3.0	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-32-6	Titanium	760		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-62-2	Vanadium	32		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-65-5	Yttrium	7.1		mg/kg dry	0.60	9/02/20 9:59	9/04/20 17:17	EPA 6010
7440-66-6	Zinc	140		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:17	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-26S-SD
Station ID: LCP026
Lab ID: E203203-51
Matrix: Sediment

Date Collected: 8/6/20 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	61		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-27D-SD
Station ID: LCP027
Lab ID: E203203-52
Matrix: Sediment

Date Collected: 8/6/20 12:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.049	U	mg/kg dry	0.049	9/02/20 8:00	9/02/20 11:23	EPA 7473
7429-90-5	Aluminum	2400		mg/kg dry	9.8	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:52	EPA 200.8
7440-38-2	Arsenic	0.44		mg/kg dry	0.20	9/02/20 10:10	9/09/20 16:02	EPA 200.8
7440-39-3	Barium	23		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-41-7	Beryllium	0.30	U	mg/kg dry	0.30	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-43-9	Cadmium	0.098	U	mg/kg dry	0.098	9/02/20 10:10	9/08/20 23:52	EPA 200.8
7440-70-2	Calcium	180		mg/kg dry	25	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-47-3	Chromium	9.5		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-48-4	Cobalt	1.5		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-50-8	Copper	1.6		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:29	EPA 6010
7439-89-6	Iron	4100		mg/kg dry	9.8	9/02/20 9:59	9/04/20 17:29	EPA 6010
7439-92-1	Lead	4.1		mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:52	EPA 200.8
7439-95-4	Magnesium	520		mg/kg dry	25	9/02/20 9:59	9/04/20 17:29	EPA 6010
7439-96-5	Manganese	78		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:29	EPA 6010
7439-98-7	Molybdenum	0.98	U	mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-02-0	Nickel	1.4		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-09-7	Potassium	430		mg/kg dry	98	9/02/20 9:59	9/04/20 17:29	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	9/02/20 10:10	9/08/20 23:52	EPA 200.8
7440-22-4	Silver	0.49	U	mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-23-5	Sodium	98	U	mg/kg dry	98	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-24-6	Strontium	1.8		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:52	EPA 200.8
7440-31-5	Tin	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-32-6	Titanium	190		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-62-2	Vanadium	6.2		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-65-5	Yttrium	1.5		mg/kg dry	0.30	9/02/20 9:59	9/04/20 17:29	EPA 6010
7440-66-6	Zinc	20		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:29	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-27D-SD
Station ID: LCP027
Lab ID: E203203-52
Matrix: Sediment

Date Collected: 8/6/20 12:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	82		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-27S-SD
Station ID: LCP027
Lab ID: E203203-53
Matrix: Sediment

Date Collected: 8/6/20 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.048	U	mg/kg dry	0.048	9/02/20 8:00	9/02/20 11:30	EPA 7473
7429-90-5	Aluminum	1800		mg/kg dry	9.8	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:59	EPA 200.8
7440-38-2	Arsenic	0.44		mg/kg dry	0.20	9/02/20 10:10	9/09/20 16:09	EPA 200.8
7440-39-3	Barium	20		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-41-7	Beryllium	0.30	U	mg/kg dry	0.30	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-43-9	Cadmium	0.098	U	mg/kg dry	0.098	9/02/20 10:10	9/08/20 23:59	EPA 200.8
7440-70-2	Calcium	140		mg/kg dry	25	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-47-3	Chromium	13		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-48-4	Cobalt	1.4		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-50-8	Copper	1.8		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:32	EPA 6010
7439-89-6	Iron	3900		mg/kg dry	9.8	9/02/20 9:59	9/04/20 17:32	EPA 6010
7439-92-1	Lead	4.3		mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:59	EPA 200.8
7439-95-4	Magnesium	470		mg/kg dry	25	9/02/20 9:59	9/04/20 17:32	EPA 6010
7439-96-5	Manganese	100		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:32	EPA 6010
7439-98-7	Molybdenum	0.98	U	mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-02-0	Nickel	1.5		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-09-7	Potassium	490		mg/kg dry	98	9/02/20 9:59	9/04/20 17:32	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	9/02/20 10:10	9/08/20 23:59	EPA 200.8
7440-22-4	Silver	0.49	U	mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-23-5	Sodium	98	U	mg/kg dry	98	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-24-6	Strontium	0.98		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/08/20 23:59	EPA 200.8
7440-31-5	Tin	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-32-6	Titanium	160		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-62-2	Vanadium	5.9		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-65-5	Yttrium	0.99		mg/kg dry	0.30	9/02/20 9:59	9/04/20 17:32	EPA 6010
7440-66-6	Zinc	20		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:32	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-27S-SD
Station ID: LCP027
Lab ID: E203203-53
Matrix: Sediment

Date Collected: 8/6/20 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	81		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-28D-SD
Lab ID: E203203-54
Station ID: LCP028
Matrix: Sediment

Date Collected: 8/6/20 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.049	U	mg/kg dry	0.049	9/02/20 8:00	9/02/20 11:37	EPA 7473
7429-90-5	Aluminum	4000		mg/kg dry	9.8	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:05	EPA 200.8
7440-38-2	Arsenic	0.89		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:05	EPA 200.8
7440-39-3	Barium	40		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg dry	0.29	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-43-9	Cadmium	0.098	U	mg/kg dry	0.098	9/02/20 10:10	9/09/20 0:05	EPA 200.8
7440-70-2	Calcium	230		mg/kg dry	25	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-47-3	Chromium	14		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-48-4	Cobalt	2.3		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-50-8	Copper	4.9		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:36	EPA 6010
7439-89-6	Iron	7900		mg/kg dry	9.8	9/02/20 9:59	9/04/20 17:36	EPA 6010
7439-92-1	Lead	9.1		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:05	EPA 200.8
7439-95-4	Magnesium	1000		mg/kg dry	25	9/02/20 9:59	9/04/20 17:36	EPA 6010
7439-96-5	Manganese	130		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:36	EPA 6010
7439-98-7	Molybdenum	0.98	U	mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-02-0	Nickel	2.7		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-09-7	Potassium	1100		mg/kg dry	98	9/02/20 9:59	9/04/20 17:36	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	9/02/20 10:10	9/09/20 0:05	EPA 200.8
7440-22-4	Silver	0.49	U	mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-23-5	Sodium	98	U	mg/kg dry	98	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-24-6	Strontium	2.4		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:05	EPA 200.8
7440-31-5	Tin	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-32-6	Titanium	370		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-62-2	Vanadium	12		mg/kg dry	0.49	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-65-5	Yttrium	2.3		mg/kg dry	0.29	9/02/20 9:59	9/04/20 17:36	EPA 6010
7440-66-6	Zinc	38		mg/kg dry	0.98	9/02/20 9:59	9/04/20 17:36	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-28D-SD
Station ID: LCP028
Lab ID: E203203-54
Matrix: Sediment

Date Collected: 8/6/20 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	81		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-28S-SD
Station ID: LCP028
Lab ID: E203203-55
Matrix: Sediment

Date Collected: 8/6/20 12:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.049	U	mg/kg dry	0.049	9/02/20 8:00	9/02/20 11:44	EPA 7473
7429-90-5	Aluminum	9000		mg/kg dry	20	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-36-0	Antimony	0.24		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:11	EPA 200.8
7440-38-2	Arsenic	1.6		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:11	EPA 200.8
7440-39-3	Barium	91		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-41-7	Beryllium	0.59	U	mg/kg dry	0.59	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-43-9	Cadmium	0.46		mg/kg dry	0.099	9/02/20 10:10	9/09/20 0:11	EPA 200.8
7440-70-2	Calcium	1600		mg/kg dry	49	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-47-3	Chromium	28		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-48-4	Cobalt	6.0		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-50-8	Copper	14		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:39	EPA 6010
7439-89-6	Iron	16000		mg/kg dry	20	9/02/20 9:59	9/04/20 17:39	EPA 6010
7439-92-1	Lead	21		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:11	EPA 200.8
7439-95-4	Magnesium	1700		mg/kg dry	49	9/02/20 9:59	9/04/20 17:39	EPA 6010
7439-96-5	Manganese	360		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:39	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-02-0	Nickel	6.9		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-09-7	Potassium	1500		mg/kg dry	200	9/02/20 9:59	9/04/20 17:39	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/09/20 0:11	EPA 200.8
7440-22-4	Silver	0.99	U	mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-24-6	Strontium	10		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-28-0	Thallium	0.20		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:11	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-32-6	Titanium	560		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-62-2	Vanadium	25		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-65-5	Yttrium	6.6		mg/kg dry	0.59	9/02/20 9:59	9/04/20 17:39	EPA 6010
7440-66-6	Zinc	100		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:39	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-28S-SD
Station ID: LCP028
Lab ID: E203203-55
Matrix: Sediment

Date Collected: 8/6/20 12:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	65		%	0.0	8/28/20 10:35	9/01/20 11:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-29D-SD
Station ID: LCP029
Lab ID: E203203-56
Matrix: Sediment

Date Collected: 8/6/20 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.048	U	mg/kg dry	0.048	9/02/20 8:00	9/02/20 11:51	EPA 7473
7429-90-5	Aluminum	6500		mg/kg dry	10	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:18	EPA 200.8
7440-38-2	Arsenic	0.87		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:18	EPA 200.8
7440-39-3	Barium	53		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-41-7	Beryllium	0.30	U	mg/kg dry	0.30	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-43-9	Cadmium	0.19		mg/kg dry	0.10	9/02/20 10:10	9/09/20 0:18	EPA 200.8
7440-70-2	Calcium	220		mg/kg dry	25	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-47-3	Chromium	20		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-48-4	Cobalt	2.7		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-50-8	Copper	6.3		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:43	EPA 6010
7439-89-6	Iron	9000		mg/kg dry	10	9/02/20 9:59	9/04/20 17:43	EPA 6010
7439-92-1	Lead	14		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:18	EPA 200.8
7439-95-4	Magnesium	1300		mg/kg dry	25	9/02/20 9:59	9/04/20 17:43	EPA 6010
7439-96-5	Manganese	73		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:43	EPA 6010
7439-98-7	Molybdenum	1.0	U	mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-02-0	Nickel	4.1		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-09-7	Potassium	1300		mg/kg dry	100	9/02/20 9:59	9/04/20 17:43	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/09/20 0:18	EPA 200.8
7440-22-4	Silver	0.50	U	mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-23-5	Sodium	100	U	mg/kg dry	100	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-24-6	Strontium	2.8		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:18	EPA 200.8
7440-31-5	Tin	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-32-6	Titanium	450		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-62-2	Vanadium	17		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-65-5	Yttrium	3.5		mg/kg dry	0.30	9/02/20 9:59	9/04/20 17:43	EPA 6010
7440-66-6	Zinc	46		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:43	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-29D-SD
Station ID: LCP029
Lab ID: E203203-56
Matrix: Sediment

Date Collected: 8/6/20 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	65		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-29S-SD
Station ID: LCP029
Lab ID: E203203-57
Matrix: Sediment

Date Collected: 8/6/20 13:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.048	U	mg/kg dry	0.048	9/02/20 8:00	9/02/20 11:59	EPA 7473
7429-90-5	Aluminum	5800		mg/kg dry	10	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:24	EPA 200.8
7440-38-2	Arsenic	0.77		mg/kg dry	0.20	9/02/20 10:10	9/09/20 16:15	EPA 200.8
7440-39-3	Barium	53		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-41-7	Beryllium	0.30	U	mg/kg dry	0.30	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-43-9	Cadmium	0.17		mg/kg dry	0.10	9/02/20 10:10	9/09/20 0:24	EPA 200.8
7440-70-2	Calcium	360		mg/kg dry	25	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-47-3	Chromium	18		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-48-4	Cobalt	2.8		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-50-8	Copper	5.5		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:47	EPA 6010
7439-89-6	Iron	8600		mg/kg dry	10	9/02/20 9:59	9/04/20 17:47	EPA 6010
7439-92-1	Lead	12		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:24	EPA 200.8
7439-95-4	Magnesium	1600		mg/kg dry	25	9/02/20 9:59	9/04/20 17:47	EPA 6010
7439-96-5	Manganese	91		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:47	EPA 6010
7439-98-7	Molybdenum	1.0	U	mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-02-0	Nickel	4.1		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-09-7	Potassium	1500		mg/kg dry	100	9/02/20 9:59	9/04/20 17:47	EPA 6010
7782-49-2	Selenium	0.44	U, D-4	mg/kg dry	0.44	9/02/20 10:10	9/09/20 0:24	EPA 200.8
7440-22-4	Silver	0.50	U	mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-23-5	Sodium	100	U	mg/kg dry	100	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-24-6	Strontium	3.4		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:24	EPA 200.8
7440-31-5	Tin	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-32-6	Titanium	500	J, QC-4	mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-62-2	Vanadium	16		mg/kg dry	0.50	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-65-5	Yttrium	3.9		mg/kg dry	0.30	9/02/20 9:59	9/04/20 17:47	EPA 6010
7440-66-6	Zinc	45		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:47	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-29S-SD
Station ID: LCP029
Lab ID: E203203-57
Matrix: Sediment

Date Collected: 8/6/20 13:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	66		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-30D-SD
Lab ID: E203203-58
Station ID: LCP030
Matrix: Sediment

Date Collected: 8/6/20 11:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.048	U	mg/kg dry	0.048	9/02/20 8:00	9/02/20 12:06	EPA 7473
7429-90-5	Aluminum	10000		mg/kg dry	20	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:31	EPA 200.8
7440-38-2	Arsenic	0.92		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:31	EPA 200.8
7440-39-3	Barium	69		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-41-7	Beryllium	0.60	U	mg/kg dry	0.60	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-43-9	Cadmium	0.19		mg/kg dry	0.10	9/02/20 10:10	9/09/20 0:31	EPA 200.8
7440-70-2	Calcium	170		mg/kg dry	50	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-47-3	Chromium	29		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-48-4	Cobalt	4.7		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-50-8	Copper	9.9		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7439-89-6	Iron	15000		mg/kg dry	20	9/02/20 9:59	9/04/20 17:50	EPA 6010
7439-92-1	Lead	18		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:31	EPA 200.8
7439-95-4	Magnesium	1600		mg/kg dry	50	9/02/20 9:59	9/04/20 17:50	EPA 6010
7439-96-5	Manganese	130		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-02-0	Nickel	5.8		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-09-7	Potassium	1500		mg/kg dry	200	9/02/20 9:59	9/04/20 17:50	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/09/20 0:31	EPA 200.8
7440-22-4	Silver	1.0	U	mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-24-6	Strontium	3.3		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:31	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-32-6	Titanium	550		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-62-2	Vanadium	27		mg/kg dry	1.0	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-65-5	Yttrium	6.2		mg/kg dry	0.60	9/02/20 9:59	9/04/20 17:50	EPA 6010
7440-66-6	Zinc	43		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:50	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-30D-SD
Station ID: LCP030
Lab ID: E203203-58
Matrix: Sediment
Date Collected: 8/6/20 11:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	61		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-30S-SD
Station ID: LCP030
Lab ID: E203203-59
Matrix: Sediment

Date Collected: 8/6/20 11:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.048	U	mg/kg dry	0.048	9/02/20 8:00	9/02/20 12:13	EPA 7473
7429-90-5	Aluminum	8000		mg/kg dry	20	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-36-0	Antimony	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:37	EPA 200.8
7440-38-2	Arsenic	0.78		mg/kg dry	0.20	9/02/20 10:10	9/09/20 16:22	EPA 200.8
7440-39-3	Barium	55		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-41-7	Beryllium	0.59	U	mg/kg dry	0.59	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-43-9	Cadmium	0.12		mg/kg dry	0.099	9/02/20 10:10	9/09/20 0:37	EPA 200.8
7440-70-2	Calcium	130		mg/kg dry	49	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-47-3	Chromium	16		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-48-4	Cobalt	4.8		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-50-8	Copper	7.9		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:54	EPA 6010
7439-89-6	Iron	13000		mg/kg dry	20	9/02/20 9:59	9/04/20 17:54	EPA 6010
7439-92-1	Lead	13		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:37	EPA 200.8
7439-95-4	Magnesium	1300		mg/kg dry	49	9/02/20 9:59	9/04/20 17:54	EPA 6010
7439-96-5	Manganese	150		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:54	EPA 6010
7439-98-7	Molybdenum	2.0	U	mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-02-0	Nickel	4.3		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-09-7	Potassium	1100		mg/kg dry	200	9/02/20 9:59	9/04/20 17:54	EPA 6010
7782-49-2	Selenium	0.39	U	mg/kg dry	0.39	9/02/20 10:10	9/09/20 0:37	EPA 200.8
7440-22-4	Silver	0.99	U	mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-23-5	Sodium	200	U	mg/kg dry	200	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-24-6	Strontium	2.9		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-28-0	Thallium	0.20	U	mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:37	EPA 200.8
7440-31-5	Tin	3.0	U	mg/kg dry	3.0	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-32-6	Titanium	420		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-62-2	Vanadium	20		mg/kg dry	0.99	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-65-5	Yttrium	5.1		mg/kg dry	0.59	9/02/20 9:59	9/04/20 17:54	EPA 6010
7440-66-6	Zinc	35		mg/kg dry	2.0	9/02/20 9:59	9/04/20 17:54	EPA 6010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-30S-SD
Station ID: LCP030
Lab ID: E203203-59
Matrix: Sediment

Date Collected: 8/6/20 11:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	74		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-31S-SD
Lab ID: E203203-60
Station ID: LCP031
Matrix: Sediment

Date Collected: 8/6/20 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.22		mg/kg dry	0.048	9/02/20 8:00	9/02/20 12:21	EPA 7473
7429-90-5	Aluminum	27000		mg/kg dry	50	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-36-0	Antimony	1.0		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:44	EPA 200.8
7440-38-2	Arsenic	4.5		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:44	EPA 200.8
7440-39-3	Barium	170		mg/kg dry	2.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-43-9	Cadmium	3.6		mg/kg dry	0.10	9/02/20 10:10	9/09/20 0:44	EPA 200.8
7440-70-2	Calcium	1700		mg/kg dry	120	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-47-3	Chromium	74		mg/kg dry	2.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-48-4	Cobalt	12		mg/kg dry	2.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-50-8	Copper	55		mg/kg dry	5.0	9/02/20 9:59	9/04/20 17:57	EPA 6010
7439-89-6	Iron	45000		mg/kg dry	50	9/02/20 9:59	9/04/20 17:57	EPA 6010
7439-92-1	Lead	98		mg/kg dry	1.0	9/02/20 10:10	9/09/20 0:50	EPA 200.8
7439-95-4	Magnesium	2600		mg/kg dry	120	9/02/20 9:59	9/04/20 17:57	EPA 6010
7439-96-5	Manganese	300		mg/kg dry	2.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7439-98-7	Molybdenum	5.0	U	mg/kg dry	5.0	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-02-0	Nickel	13		mg/kg dry	5.0	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-09-7	Potassium	2400		mg/kg dry	500	9/02/20 9:59	9/04/20 17:57	EPA 6010
7782-49-2	Selenium	0.40	U	mg/kg dry	0.40	9/02/20 10:10	9/09/20 0:44	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-24-6	Strontium	14		mg/kg dry	2.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-28-0	Thallium	0.51		mg/kg dry	0.20	9/02/20 10:10	9/09/20 0:44	EPA 200.8
7440-31-5	Tin	7.5	U	mg/kg dry	7.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-32-6	Titanium	1100		mg/kg dry	2.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-62-2	Vanadium	66		mg/kg dry	2.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-65-5	Yttrium	15		mg/kg dry	1.5	9/02/20 9:59	9/04/20 17:57	EPA 6010
7440-66-6	Zinc	320		mg/kg dry	5.0	9/02/20 9:59	9/04/20 17:57	EPA 6010

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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-31S-SD
Station ID: LCP031
Lab ID: E203203-60
Matrix: Sediment

Date Collected: 8/6/20 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	26		%	0.0	8/28/20 10:35	9/01/20 11:08	EPA 200.2

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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals

Project: 20-0334, Lake Conestee

Sample ID: LCP-32S-SD
Station ID: LCP032
Lab ID: E203203-61
Matrix: Sediment

Date Collected: 8/6/20 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20		mg/kg dry	0.050	9/02/20 11:51	9/02/20 13:15	EPA 7473
7429-90-5	Aluminum	24000		mg/kg dry	50	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-36-0	Antimony	1.7	J, QM-1	mg/kg dry	0.20	9/02/20 10:17	9/09/20 1:41	EPA 200.8
7440-38-2	Arsenic	5.6	J, QM-1	mg/kg dry	0.20	9/02/20 10:17	9/09/20 1:41	EPA 200.8
7440-39-3	Barium	170	J, QM-1	mg/kg dry	2.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-41-7	Beryllium	1.5	U	mg/kg dry	1.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-43-9	Cadmium	2.1		mg/kg dry	0.10	9/02/20 10:17	9/09/20 1:41	EPA 200.8
7440-70-2	Calcium	3200	J, QM-1	mg/kg dry	120	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-47-3	Chromium	59		mg/kg dry	2.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-48-4	Cobalt	15		mg/kg dry	2.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-50-8	Copper	55		mg/kg dry	5.0	9/02/20 10:13	9/04/20 18:36	EPA 6010
7439-89-6	Iron	40000		mg/kg dry	50	9/02/20 10:13	9/04/20 18:36	EPA 6010
7439-92-1	Lead	77		mg/kg dry	0.20	9/02/20 10:17	9/09/20 1:41	EPA 200.8
7439-95-4	Magnesium	2300		mg/kg dry	120	9/02/20 10:13	9/04/20 18:36	EPA 6010
7439-96-5	Manganese	380		mg/kg dry	2.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7439-98-7	Molybdenum	5.0	U, J, QM-1	mg/kg dry	5.0	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-02-0	Nickel	16		mg/kg dry	5.0	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-09-7	Potassium	2100		mg/kg dry	500	9/02/20 10:13	9/04/20 18:36	EPA 6010
7782-49-2	Selenium	0.40	U, J, QM-1	mg/kg dry	0.40	9/02/20 10:17	9/09/20 1:41	EPA 200.8
7440-22-4	Silver	2.5	U	mg/kg dry	2.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-23-5	Sodium	500	U	mg/kg dry	500	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-24-6	Strontium	17		mg/kg dry	2.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-28-0	Thallium	0.46		mg/kg dry	0.20	9/02/20 10:17	9/09/20 1:41	EPA 200.8
7440-31-5	Tin	7.5	U, J, QM-1	mg/kg dry	7.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-32-6	Titanium	930		mg/kg dry	2.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-62-2	Vanadium	69		mg/kg dry	2.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-65-5	Yttrium	14		mg/kg dry	1.5	9/02/20 10:13	9/04/20 18:36	EPA 6010
7440-66-6	Zinc	350		mg/kg dry	5.0	9/02/20 10:13	9/04/20 18:36	EPA 6010

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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Physical Properties

Project: 20-0334, Lake Conestee

Sample ID: LCP-32S-SD
Station ID: LCP032
Lab ID: E203203-61
Matrix: Sediment

Date Collected: 8/6/20 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	18		%	0.0	8/28/20 10:43	9/01/20 11:03	EPA 200.2

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D.A.R.T. Id: 20-0334
Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008039 - M 200.2 Metals Soil										
Blank (2008039-BLK1)				Prepared: 08/26/20 Analyzed: 08/28/20						
EPA 6010										
Aluminum	13.991	10	mg/kg dry							B-3
Barium	U	0.50	"							U
Beryllium	U	0.30	"							U
Calcium	33.380	25	"							B-4
Chromium	U	0.50	"							U
Cobalt	U	0.50	"							U
Copper	U	1.0	"							U
Iron	U	10	"							U
Magnesium	U	25	"							U
Manganese	U	0.50	"							U
Molybdenum	U	1.0	"							U
Nickel	U	1.0	"							U
Potassium	U	100	"							U
Silver	U	0.50	"							U
Sodium	U	100	"							U
Strontium	0.52722	0.50	"							B-3
Tin	U	1.5	"							U
Titanium	U	0.50	"							U
Vanadium	U	0.50	"							U
Yttrium	U	0.30	"							U
Zinc	U	1.0	"							U
Blank (2008039-BLK2)				Prepared: 08/26/20 Analyzed: 08/28/20						
EPA 6010										
Aluminum	28.410	10	mg/kg dry							B-3
Barium	U	0.50	"							U
Beryllium	U	0.30	"							U
Calcium	54.068	25	"							B-4
Chromium	U	0.50	"							U
Cobalt	U	0.50	"							U
Copper	U	1.0	"							U
Iron	U	10	"							U
Magnesium	U	25	"							U
Manganese	U	0.50	"							U
Molybdenum	U	1.0	"							U
Nickel	U	1.0	"							U
Potassium	U	100	"							U
Silver	U	0.50	"							U
Sodium	U	100	"							U

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008039 - M 200.2 Metals Soil										
Blank (2008039-BLK2)				Prepared: 08/26/20 Analyzed: 08/28/20						
Strontium	0.91034	0.50	mg/kg dry							B-4
Tin	U	1.5	"							U
Titanium	U	0.50	"							U
Vanadium	U	0.50	"							U
Yttrium	U	0.30	"							U
Zinc	U	1.0	"							B-3, U
LCS (2008039-BS1)				Prepared: 08/26/20 Analyzed: 08/28/20						
EPA 6010										
Aluminum	480.40	10	mg/kg dry	500.00		96.1	85-115			
Barium	48.465	0.50	"	50.000		96.9	85-115			
Beryllium	19.954	0.30	"	20.000		99.8	85-115			
Calcium	498.52	25	"	500.00		99.7	85-115			
Chromium	48.055	0.50	"	50.000		96.1	85-115			
Cobalt	47.912	0.50	"	50.000		95.8	85-115			
Copper	28.860	1.0	"	30.000		96.2	85-115			
Iron	513.15	10	"	500.00		103	85-115			
Magnesium	501.91	25	"	500.00		100	85-115			
Manganese	493.87	0.50	"	500.00		98.8	85-115			
Molybdenum	30.072	1.0	"	30.000		100	85-115			
Nickel	75.558	1.0	"	80.000		94.4	85-115			
Potassium	943.67	100	"	1000.0		94.4	85-115			
Silver	9.9296	0.50	"	10.000		99.3	85-115			
Sodium	947.24	100	"	1000.0		94.7	85-115			
Strontium	38.763	0.50	"	40.000		96.9	85-115			
Tin	97.350	1.5	"	100.00		97.4	85-115			
Titanium	48.016	0.50	"	50.000		96.0	85-115			
Vanadium	38.716	0.50	"	40.000		96.8	85-115			
Yttrium	29.060	0.30	"	30.000		96.9	85-115			
Zinc	98.351	1.0	"	100.00		98.4	85-115			

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008039 - M 200.2 Metals Soil										
Matrix Spike (2008039-MS1)		**Source: E203203-05**		Prepared: 08/26/20 Analyzed: 08/28/20						
EPA 6010										
Aluminum	14125	99	mg/kg dry	495.34	14682	-112	75-125			XM-1
Barium	172.29	5.0	"	49.534	130.46	84.4	75-125			
Beryllium	19.313	3.0	"	19.814	U	97.5	75-125			
Calcium	875.63	250	"	495.34	420.45	91.9	75-125			
Chromium	105.85	5.0	"	49.534	64.585	83.3	75-125			
Cobalt	52.531	5.0	"	49.534	6.9786	92.0	75-125			
Copper	48.565	9.9	"	29.721	21.638	90.6	75-125			
Iron	19710	99	"	495.34	21526	-366	75-125			XM-1
Magnesium	3664.9	250	"	495.34	3322.6	69.1	75-125			QM-1
Manganese	727.03	5.0	"	495.34	264.63	93.3	75-125			
Molybdenum	15.317	9.9	"	29.721	U	51.5	75-125			QM-1
Nickel	79.359	9.9	"	79.255	7.7811	90.3	75-125			
Potassium	3816.1	990	"	990.69	3060.6	76.3	75-125			
Silver	9.7046	5.0	"	9.9069	U	98.0	75-125			
Sodium	923.47	990	"	990.69	U	93.2	75-125			U
Strontium	41.985	5.0	"	39.628	5.6630	91.7	75-125			
Tin	82.990	15	"	99.069	3.2786	80.5	75-125			
Titanium	993.16	5.0	"	49.534	1044.8	-104	75-125			XM-1
Vanadium	65.977	5.0	"	39.628	33.926	80.9	75-125			
Yttrium	38.460	3.0	"	29.721	10.129	95.3	75-125			
Zinc	185.56	9.9	"	99.069	93.432	93.0	75-125			
Matrix Spike (2008039-MS2)		**Source: E203203-15**		Prepared: 08/26/20 Analyzed: 08/28/20						
EPA 6010										
Aluminum	19878	50	mg/kg dry	497.02	23120	-652	75-125			XM-1
Barium	209.88	2.5	"	49.702	173.73	72.7	75-125			QM-1
Beryllium	19.453	1.5	"	19.881	0.62760	94.7	75-125			
Calcium	1351.9	120	"	497.02	890.33	92.9	75-125			
Chromium	282.55	2.5	"	49.702	244.24	77.1	75-125			
Cobalt	53.705	2.5	"	49.702	10.341	87.2	75-125			
Copper	73.518	5.0	"	29.821	46.914	89.2	75-125			
Iron	25230	50	"	497.02	33123	-1590	75-125			XM-1
Magnesium	2811.7	120	"	497.02	2509.1	60.9	75-125			QM-1
Manganese	927.48	2.5	"	497.02	538.17	78.3	75-125			
Molybdenum	6.0168	5.0	"	29.821	U	20.2	75-125			QM-1, QM-3
Nickel	78.398	5.0	"	79.523	9.6429	86.5	75-125			
Potassium	2647.9	500	"	994.04	2004.2	64.8	75-125			QM-1
Silver	9.7481	2.5	"	9.9404	0.49213	93.1	75-125			

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008039 - M 200.2 Metals Soil										
Matrix Spike (2008039-MS2)		**Source: E203203-15**		Prepared: 08/26/20 Analyzed: 08/28/20						
Sodium	926.25	500	mg/kg dry	994.04	U	93.2	75-125			
Strontium	46.617	2.5	"	39.761	11.944	87.2	75-125			
Tin	61.213	7.5	"	99.404	6.5763	55.0	75-125			QM-1, QM-3
Titanium	687.93	2.5	"	49.702	908.21	-443	75-125			XM-1
Vanadium	68.979	2.5	"	39.761	55.364	34.2	75-125			QM-1
Yttrium	40.777	1.5	"	29.821	13.180	92.5	75-125			
Zinc	261.67	5.0	"	99.404	176.08	86.1	75-125			
Matrix Spike Dup (2008039-MSD1)		**Source: E203203-05**		Prepared: 08/26/20 Analyzed: 08/28/20						
EPA 6010										
Aluminum	13618	99	mg/kg dry	495.93	14682	-215	75-125	3.65	20	XM-1
Barium	166.09	5.0	"	49.593	130.46	71.9	75-125	3.66	20	QM-1
Beryllium	19.300	3.0	"	19.837	U	97.3	75-125	0.0643	20	
Calcium	864.22	250	"	495.93	420.45	89.5	75-125	1.31	20	
Chromium	104.96	5.0	"	49.593	64.585	81.4	75-125	0.847	20	
Cobalt	52.260	5.0	"	49.593	6.9786	91.3	75-125	0.517	20	
Copper	48.681	9.9	"	29.756	21.638	90.9	75-125	0.240	20	
Iron	18954	99	"	495.93	21526	-519	75-125	3.91	20	XM-1
Magnesium	3463.1	250	"	495.93	3322.6	28.3	75-125	5.66	20	QM-1
Manganese	711.77	5.0	"	495.93	264.63	90.2	75-125	2.12	20	
Molybdenum	16.089	9.9	"	29.756	U	54.1	75-125	4.92	20	QM-1
Nickel	79.113	9.9	"	79.349	7.7811	89.9	75-125	0.310	20	
Potassium	3641.7	990	"	991.87	3060.6	58.6	75-125	4.68	20	QM-1
Silver	9.3398	5.0	"	9.9187	U	94.2	75-125	3.83	20	
Sodium	915.01	990	"	991.87	U	92.3	75-125	0.920	20	U
Strontium	41.552	5.0	"	39.675	5.6630	90.5	75-125	1.04	20	
Tin	84.335	15	"	99.187	3.2786	81.7	75-125	1.61	20	
Titanium	943.61	5.0	"	49.593	1044.8	-204	75-125	5.12	20	XM-1
Vanadium	64.254	5.0	"	39.675	33.926	76.4	75-125	2.65	20	
Yttrium	37.456	3.0	"	29.756	10.129	91.8	75-125	2.65	20	
Zinc	183.11	9.9	"	99.187	93.432	90.4	75-125	1.33	20	

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008039 - M 200.2 Metals Soil										
Matrix Spike Dup (2008039-MSD2)		**Source: E203203-15**		Prepared: 08/26/20 Analyzed: 08/28/20						
EPA 6010										
Aluminum	21370	49	mg/kg dry	494.95	23120	-354	75-125	7.23	20	XM-1
Barium	212.79	2.5	"	49.495	173.73	78.9	75-125	1.38	20	
Beryllium	19.038	1.5	"	19.798	0.62760	93.0	75-125	2.15	20	
Calcium	1306.1	120	"	494.95	890.33	84.0	75-125	3.45	20	
Chromium	284.03	2.5	"	49.495	244.24	80.4	75-125	0.524	20	
Cobalt	52.947	2.5	"	49.495	10.341	86.1	75-125	1.42	20	
Copper	73.420	4.9	"	29.697	46.914	89.3	75-125	0.133	20	
Iron	28906	49	"	494.95	33123	-852	75-125	13.6	20	XM-1
Magnesium	2842.2	120	"	494.95	2509.1	67.3	75-125	1.08	20	QM-1
Manganese	922.03	2.5	"	494.95	538.17	77.6	75-125	0.589	20	
Molybdenum	8.6608	4.9	"	29.697	U	29.2	75-125	36.0	20	QM-1, QM-3
Nickel	76.515	4.9	"	79.192	9.6429	84.4	75-125	2.43	20	
Potassium	2791.8	490	"	989.90	2004.2	79.6	75-125	5.29	20	
Silver	9.6360	2.5	"	9.8990	0.49213	92.4	75-125	1.16	20	
Sodium	928.79	490	"	989.90	U	93.8	75-125	0.274	20	
Strontium	45.661	2.5	"	39.596	11.944	85.2	75-125	2.07	20	
Tin	75.817	7.4	"	98.990	6.5763	69.9	75-125	21.3	20	QM-1, QM-3
Titanium	814.93	2.5	"	49.495	908.21	-188	75-125	16.9	20	XM-1
Vanadium	78.834	2.5	"	39.596	55.364	59.3	75-125	13.3	20	QM-1
Yttrium	40.057	1.5	"	29.697	13.180	90.5	75-125	1.78	20	
Zinc	258.59	4.9	"	98.990	176.08	83.4	75-125	1.18	20	
MRL Verification (2008039-PS1)				Prepared: 08/26/20 Analyzed: 08/28/20						
EPA 6010										
Aluminum	11.245	10	mg/kg dry	10.000		112	70-130			MRL-3
Barium	0.52818	0.50	"	0.50000		106	70-130			MRL-3
Beryllium	0.32073	0.30	"	0.30000		107	70-130			MRL-3
Calcium	27.996	25	"	25.000		112	70-130			MRL-3
Chromium	0.52734	0.50	"	0.50000		105	70-130			MRL-3
Cobalt	0.53390	0.50	"	0.50000		107	70-130			MRL-3
Copper	0.99273	1.0	"	1.0000		99.3	70-130			MRL-3, U
Iron	10.650	10	"	10.000		107	70-130			MRL-3
Magnesium	27.055	25	"	25.000		108	70-130			MRL-3
Manganese	0.63218	0.50	"	0.50000		126	70-130			MRL-3
Molybdenum	0.98532	1.0	"	1.0000		98.5	70-130			MRL-3, U
Nickel	1.0477	1.0	"	1.0000		105	70-130			MRL-3

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Total Metals (TMTL) - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008039 - M 200.2 Metals Soil										
MRL Verification (2008039-PS1)				Prepared: 08/26/20 Analyzed: 08/28/20						
Potassium	95.813	100	mg/kg dry	100.00		95.8	70-130			MRL-3, U
Silver	0.51732	0.50	"	0.50000		103	70-130			MRL-3
Sodium	97.909	100	"	100.00		97.9	70-130			MRL-3, U
Strontium	0.55058	0.50	"	0.50000		110	70-130			MRL-3
Tin	1.5989	1.5	"	1.5000		107	70-130			MRL-3
Titanium	0.52484	0.50	"	0.50000		105	70-130			MRL-3
Vanadium	0.41507	0.50	"	0.50000		83.0	70-130			MRL-3, U
Yttrium	0.32233	0.30	"	0.30000		107	70-130			MRL-3
Zinc	1.0983	1.0	"	1.0000		110	70-130			MRL-3
Batch 2008040 - M 200.2 Metals Soil										
Blank (2008040-BLK1)				Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U
Blank (2008040-BLK2)				Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008040 - M 200.2 Metals Soil										
LCS (2008040-BS1)				Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	93.901	0.20	mg/kg dry	100.00		93.9	85-115			
Arsenic	49.466	0.20	"	50.000		98.9	85-115			
Cadmium	18.829	0.10	"	20.000		94.1	85-115			
Lead	95.113	0.20	"	100.00		95.1	85-115			
Selenium	101.15	0.40	"	100.00		101	85-115			
Thallium	18.992	0.20	"	20.000		95.0	85-115			
LCS (2008040-BS2)				Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	99.410	1.0	mg/kg dry	100.00		99.4	85-115			
Arsenic	47.300	1.0	"	50.000		94.6	85-115			
Cadmium	18.385	0.50	"	20.000		91.9	85-115			
Lead	98.216	1.0	"	100.00		98.2	85-115			
Selenium	93.911	2.0	"	100.00		93.9	85-115			
Thallium	19.728	1.0	"	20.000		98.6	85-115			
Matrix Spike (2008040-MS1)		**Source: E203203-05**		Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	35.341	0.20	mg/kg dry	99.069	0.61825	35.0	70-130			QM-1
Arsenic	35.972	0.20	"	49.534	1.8402	68.9	70-130			QM-1
Cadmium	19.813	0.099	"	19.814	1.0442	94.7	70-130			
Lead	191.89	0.20	"	99.069	106.67	86.0	70-130			
Selenium	55.910	0.40	"	99.069	0.20866	56.2	70-130			QM-1
Thallium	18.316	0.20	"	19.814	0.33578	90.7	70-130			
Matrix Spike (2008040-MS2)		**Source: E203203-15**		Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	20.968	0.20	mg/kg dry	99.404	0.54425	20.5	70-130			QM-1
Arsenic	22.764	0.20	"	49.702	2.9882	39.8	70-130			QM-1
Cadmium	22.135	0.099	"	19.881	4.2177	90.1	70-130			
Lead	273.25	0.20	"	99.404	192.08	81.7	70-130			
Selenium	24.246	0.40	"	99.404	0.49141	23.9	70-130			QM-1
Thallium	18.115	0.20	"	19.881	0.36182	89.3	70-130			

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008040 - M 200.2 Metals Soil										
Matrix Spike (2008040-MS3)		**Source: E203203-05**		Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	36.240	0.99	mg/kg dry	99.069	0.61825	36.0	70-130			QM-1
Arsenic	31.916	0.99	"	49.534	1.8402	60.7	70-130			QM-1
Cadmium	19.767	0.50	"	19.814	1.0442	94.5	70-130			
Lead	209.75	0.99	"	99.069	106.67	104	70-130			
Selenium	53.326	2.0	"	99.069	U	53.8	70-130			QM-1
Thallium	19.716	0.99	"	19.814	0.33578	97.8	70-130			
Matrix Spike (2008040-MS4)		**Source: E203203-15**		Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	21.033	0.99	mg/kg dry	99.404	0.54425	20.6	70-130			QM-1
Arsenic	22.247	0.99	"	49.702	2.9882	38.7	70-130			QM-1
Cadmium	22.930	0.50	"	19.881	4.2177	94.1	70-130			
Lead	286.88	0.99	"	99.404	192.08	95.4	70-130			
Selenium	21.469	2.0	"	99.404	U	21.6	70-130			QM-1
Thallium	19.428	0.99	"	19.881	0.36182	95.9	70-130			
Matrix Spike Dup (2008040-MSD1)		**Source: E203203-05**		Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	42.313	0.20	mg/kg dry	99.187	0.61825	42.0	70-130	18.0	20	QM-1
Arsenic	36.104	0.20	"	49.593	1.8402	69.1	70-130	0.368	20	QM-1
Cadmium	19.641	0.099	"	19.837	1.0442	93.7	70-130	0.873	20	
Lead	194.92	0.20	"	99.187	106.67	89.0	70-130	1.56	20	
Selenium	58.558	0.40	"	99.187	0.20866	58.8	70-130	4.63	20	QM-1
Thallium	18.513	0.20	"	19.837	0.33578	91.6	70-130	1.07	20	
Matrix Spike Dup (2008040-MSD2)		**Source: E203203-15**		Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	22.767	0.20	mg/kg dry	98.990	0.54425	22.4	70-130	8.22	20	QM-1
Arsenic	27.993	0.20	"	49.495	2.9882	50.5	70-130	20.6	20	QM-1, QM-3
Cadmium	22.268	0.099	"	19.798	4.2177	91.2	70-130	0.601	20	
Lead	267.81	0.20	"	98.990	192.08	76.5	70-130	2.01	20	
Selenium	30.334	0.40	"	98.990	0.49141	30.1	70-130	22.3	20	QM-1, QM-3
Thallium	17.742	0.20	"	19.798	0.36182	87.8	70-130	2.08	20	

Total Metals (TMTL) - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008040 - M 200.2 Metals Soil										
Matrix Spike Dup (2008040-MSD3)		**Source: E203203-05**		Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	43.122	0.99	mg/kg dry	99.187	0.61825	42.9	70-130	17.3	20	QM-1
Arsenic	34.416	0.99	"	49.593	1.8402	65.7	70-130	7.54	20	QM-1
Cadmium	19.959	0.50	"	19.837	1.0442	95.3	70-130	0.966	20	
Lead	206.78	0.99	"	99.187	106.67	101	70-130	1.42	20	
Selenium	55.284	2.0	"	99.187	U	55.7	70-130	3.61	20	QM-1
Thallium	19.337	0.99	"	19.837	0.33578	95.8	70-130	1.94	20	
Matrix Spike Dup (2008040-MSD4)		**Source: E203203-15**		Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	23.386	0.99	mg/kg dry	98.990	0.54425	23.1	70-130	10.6	20	QM-1
Arsenic	26.817	0.99	"	49.495	2.9882	48.1	70-130	18.6	20	QM-1
Cadmium	21.963	0.49	"	19.798	4.2177	89.6	70-130	4.31	20	
Lead	290.68	0.99	"	98.990	192.08	99.6	70-130	1.32	20	
Selenium	31.819	2.0	"	98.990	U	32.1	70-130	38.8	20	QM-1, QM-3
Thallium	18.861	0.99	"	19.798	0.36182	93.4	70-130	2.96	20	
MRL Verification (2008040-PS1)				Prepared: 08/26/20 Analyzed: 08/31/20						
EPA 200.8										
Antimony	0.062081	0.10	mg/kg dry	0.050000		124	65-135			MRL-3, U
Arsenic	0.089956	0.10	"	0.10000		90.0	65-135			MRL-3, U
Cadmium	0.064723	0.050	"	0.050000		129	65-135			MRL-3
Lead	0.089486	0.10	"	0.10000		89.5	65-135			MRL-3, U
Selenium	0.20656	0.20	"	0.20000		103	65-135			MRL-3
Thallium	0.043530	0.10	"	0.050000		87.1	65-135			MRL-3, U
Batch 2008047 - M 7473 Hg-Direct										
Blank (2008047-BLK1)				Prepared & Analyzed: 08/27/20						
EPA 7473										
Mercury	U	0.049	mg/kg dry							U

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008047 - M 7473 Hg-Direct										
LCS (2008047-BS1)				Prepared & Analyzed: 08/27/20						
EPA 7473										
Mercury	7.6528	0.25	mg/kg dry	7.4200		103	80-120			
LCS Dup (2008047-BSD1)				Prepared & Analyzed: 08/27/20						
EPA 7473										
Mercury	7.7519	0.25	mg/kg dry	7.4200		104	80-120	1.29	20	
Matrix Spike (2008047-MS1)		**Source: E203203-10**		Prepared & Analyzed: 08/27/20						
EPA 7473										
Mercury	1.2192	0.050	mg/kg dry	0.99305	0.13309	109	80-120			
Matrix Spike (2008047-MS2)		**Source: E203203-20**		Prepared & Analyzed: 08/27/20						
EPA 7473										
Mercury	1.2469	0.049	mg/kg dry	0.98039	0.16831	110	80-120			
Matrix Spike Dup (2008047-MSD1)		**Source: E203203-10**		Prepared & Analyzed: 08/27/20						
EPA 7473										
Mercury	1.2270	0.050	mg/kg dry	0.99602	0.13309	110	80-120	0.638	20	
Matrix Spike Dup (2008047-MSD2)		**Source: E203203-20**		Prepared & Analyzed: 08/27/20						
EPA 7473										
Mercury	1.2320	0.048	mg/kg dry	0.96618	0.16831	110	80-120	1.20	20	
MRL Verification (2008047-PS1)				Prepared & Analyzed: 08/27/20						
EPA 7473										
Mercury	4.8180		ng Hg	5.0000		96.4	70-130			MRL-3
Batch 2008049 - M 200.2 Metals Soil										
Blank (2008049-BLK1)				Prepared: 09/01/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	U	10	mg/kg dry							U
Barium	U	0.50	"							U
Beryllium	U	0.30	"							U
Calcium	U	25	"							U
Chromium	U	0.50	"							U
Cobalt	U	0.50	"							U
Copper	U	1.0	"							U

Total Metals (TMTL) - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008049 - M 200.2 Metals Soil										
Blank (2008049-BLK1)				Prepared: 09/01/20 Analyzed: 09/04/20						
Iron	U	10	mg/kg dry							U
Magnesium	U	25	"							U
Manganese	U	0.50	"							U
Molybdenum	U	1.0	"							U
Nickel	U	1.0	"							U
Potassium	U	100	"							U
Silver	U	0.50	"							U
Sodium	U	100	"							U
Strontium	U	0.50	"							U
Tin	U	1.5	"							U
Titanium	U	0.50	"							U
Vanadium	U	0.50	"							U
Yttrium	U	0.30	"							U
Zinc	U	1.0	"							U
Blank (2008049-BLK2)				Prepared: 09/01/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	U	10	mg/kg dry							U
Barium	U	0.50	"							U
Beryllium	U	0.30	"							U
Calcium	U	25	"							U
Chromium	U	0.50	"							U
Cobalt	U	0.50	"							U
Copper	U	1.0	"							U
Iron	U	10	"							U
Magnesium	U	25	"							U
Manganese	U	0.50	"							U
Molybdenum	U	1.0	"							U
Nickel	U	1.0	"							U
Potassium	U	100	"							U
Silver	U	0.50	"							U
Sodium	U	100	"							U
Strontium	U	0.50	"							U
Tin	U	1.5	"							U
Titanium	U	0.50	"							U
Vanadium	U	0.50	"							U
Yttrium	U	0.30	"							U
Zinc	U	1.0	"							U

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008049 - M 200.2 Metals Soil										
LCS (2008049-BS1)				Prepared: 09/01/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	482.63	10	mg/kg dry	500.00		96.5	85-115			
Barium	19.570	0.50	"	20.000		97.8	85-115			
Beryllium	5.0379	0.30	"	5.0000		101	85-115			
Calcium	500.24	25	"	500.00		100	85-115			
Chromium	19.526	0.50	"	20.000		97.6	85-115			
Cobalt	9.6434	0.50	"	10.000		96.4	85-115			
Copper	9.5756	1.0	"	10.000		95.8	85-115			
Iron	516.46	10	"	500.00		103	85-115			
Magnesium	510.17	25	"	500.00		102	85-115			
Manganese	50.536	0.50	"	50.000		101	85-115			
Molybdenum	9.7975	1.0	"	10.000		98.0	85-115			
Nickel	18.397	1.0	"	20.000		92.0	85-115			
Potassium	942.73	100	"	1000.0		94.3	85-115			
Silver	9.9785	0.50	"	10.000		99.8	85-115			
Sodium	990.21	100	"	1000.0		99.0	85-115			
Strontium	9.8599	0.50	"	10.000		98.6	85-115			
Tin	9.7773	1.5	"	10.000		97.8	85-115			
Titanium	9.7391	0.50	"	10.000		97.4	85-115			
Vanadium	9.5571	0.50	"	10.000		95.6	85-115			
Yttrium	9.7790	0.30	"	10.000		97.8	85-115			
Zinc	20.200	1.0	"	20.000		101	85-115			
Matrix Spike (2008049-MS1)		**Source: E203203-23**		Prepared: 09/01/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	27154	49	mg/kg dry	492.03	29673	-512	75-125			XM-1
Barium	199.00	2.5	"	19.681	186.01	66.0	75-125			QM-1
Beryllium	5.7476	1.5	"	4.9203	1.2135	92.2	75-125			
Calcium	2127.1	120	"	492.03	1672.1	92.5	75-125			
Chromium	357.31	2.5	"	19.681	338.89	93.6	75-125			XM-1
Cobalt	16.116	2.5	"	9.8406	7.7037	85.5	75-125			
Copper	58.513	4.9	"	9.8406	50.062	85.9	75-125			
Iron	27630	49	"	492.03	30206	-524	75-125			XM-1
Magnesium	2817.9	120	"	492.03	2379.4	89.1	75-125			
Manganese	302.94	2.5	"	49.203	259.73	87.8	75-125			
Molybdenum	3.4183	4.9	"	9.8406	0.34136	31.3	75-125			QM-1, U
Nickel	27.997	4.9	"	19.681	11.729	82.7	75-125			
Potassium	2308.3	490	"	984.06	1441.5	88.1	75-125			
Silver	10.401	2.5	"	9.8406	1.2412	93.1	75-125			
Sodium	1006.0	490	"	984.06	88.646	93.2	75-125			

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008049 - M 200.2 Metals Soil										
Matrix Spike (2008049-MS1)		**Source: E203203-23**		Prepared: 09/01/20 Analyzed: 09/04/20						
Strontium	24.167	2.5	mg/kg dry	9.8406	16.781	75.1	75-125			
Tin	15.592	7.4	"	9.8406	8.5183	71.9	75-125			QM-1
Titanium	944.90	2.5	"	9.8406	979.10	-348	75-125			XM-1
Vanadium	75.777	2.5	"	9.8406	71.875	39.7	75-125			QM-1
Yttrium	23.141	1.5	"	9.8406	14.084	92.0	75-125			
Zinc	231.77	4.9	"	19.681	209.58	113	75-125			
Matrix Spike (2008049-MS2)		**Source: E203203-32**		Prepared: 09/01/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	31091	50	mg/kg dry	498.90	30118	195	75-125			XM-1
Barium	224.23	2.5	"	19.956	206.78	87.5	75-125			
Beryllium	5.8333	1.5	"	4.9890	1.3745	89.4	75-125			
Calcium	881.15	120	"	498.90	435.61	89.3	75-125			
Chromium	569.19	2.5	"	19.956	554.48	73.7	75-125			XM-1
Cobalt	14.344	2.5	"	9.9780	5.9696	83.9	75-125			
Copper	83.843	5.0	"	9.9780	74.789	90.7	75-125			
Iron	27380	50	"	498.90	27019	72.3	75-125			XM-1
Magnesium	2718.0	120	"	498.90	2254.0	93.0	75-125			
Manganese	195.29	2.5	"	49.890	150.53	89.7	75-125			
Molybdenum	1.9599	5.0	"	9.9780	U	19.6	75-125			QM-1, U
Nickel	26.300	5.0	"	19.956	9.8260	82.6	75-125			
Potassium	2889.0	500	"	997.80	2028.7	86.2	75-125			
Silver	10.736	2.5	"	9.9780	1.9439	88.1	75-125			
Sodium	935.73	500	"	997.80	U	93.8	75-125			
Strontium	20.431	2.5	"	9.9780	11.895	85.6	75-125			
Tin	25.460	7.5	"	9.9780	18.696	67.8	75-125			QM-1
Titanium	939.69	2.5	"	9.9780	921.55	182	75-125			XM-1
Vanadium	69.445	2.5	"	9.9780	61.025	84.4	75-125			
Yttrium	25.766	1.5	"	9.9780	16.798	89.9	75-125			
Zinc	304.54	5.0	"	19.956	286.97	88.0	75-125			

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Total Metals (TMTL) - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008049 - M 200.2 Metals Soil										
Matrix Spike Dup (2008049-MSD1)		**Source: E203203-23**		Prepared: 09/01/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	28720	49	mg/kg dry	490.39	29673	-194	75-125	5.61	20	XM-1
Barium	199.39	2.5	"	19.616	186.01	68.2	75-125	0.198	20	QM-1
Beryllium	5.7009	1.5	"	4.9039	1.2135	91.5	75-125	0.817	20	
Calcium	2165.2	120	"	490.39	1672.1	101	75-125	1.78	20	
Chromium	346.27	2.5	"	19.616	338.89	37.6	75-125	3.14	20	XM-1
Cobalt	16.167	2.5	"	9.8078	7.7037	86.3	75-125	0.314	20	
Copper	59.823	4.9	"	9.8078	50.062	99.5	75-125	2.21	20	
Iron	29850	49	"	490.39	30206	-72.6	75-125	7.73	20	XM-1
Magnesium	2798.4	120	"	490.39	2379.4	85.4	75-125	0.695	20	
Manganese	309.52	2.5	"	49.039	259.73	102	75-125	2.15	20	
Molybdenum	4.0762	4.9	"	9.8078	0.34136	38.1	75-125	17.6	20	QM-1, U
Nickel	28.123	4.9	"	19.616	11.729	83.6	75-125	0.447	20	
Potassium	2297.0	490	"	980.78	1441.5	87.2	75-125	0.489	20	
Silver	10.106	2.5	"	9.8078	1.2412	90.4	75-125	2.88	20	
Sodium	1000.8	490	"	980.78	88.646	93.0	75-125	0.514	20	
Strontium	25.013	2.5	"	9.8078	16.781	83.9	75-125	3.44	20	
Tin	14.718	7.4	"	9.8078	8.5183	63.2	75-125	5.77	20	QM-1
Titanium	978.46	2.5	"	9.8078	979.10	-6.54	75-125	3.49	20	XM-1
Vanadium	80.118	2.5	"	9.8078	71.875	84.1	75-125	5.57	20	
Yttrium	23.173	1.5	"	9.8078	14.084	92.7	75-125	0.136	20	
Zinc	226.26	4.9	"	19.616	209.58	85.0	75-125	2.41	20	
Matrix Spike Dup (2008049-MSD2)		**Source: E203203-32**		Prepared: 09/01/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	30024	50	mg/kg dry	496.72	30118	-18.9	75-125	3.49	20	XM-1
Barium	224.99	2.5	"	19.869	206.78	91.7	75-125	0.339	20	
Beryllium	5.8291	1.5	"	4.9672	1.3745	89.7	75-125	0.0717	20	
Calcium	888.34	120	"	496.72	435.61	91.1	75-125	0.813	20	
Chromium	558.24	2.5	"	19.869	554.48	18.9	75-125	1.94	20	XM-1
Cobalt	14.182	2.5	"	9.9344	5.9696	82.7	75-125	1.13	20	
Copper	84.393	5.0	"	9.9344	74.789	96.7	75-125	0.655	20	
Iron	26161	50	"	496.72	27019	-173	75-125	4.55	20	XM-1
Magnesium	2698.9	120	"	496.72	2254.0	89.6	75-125	0.704	20	
Manganese	194.09	2.5	"	49.672	150.53	87.7	75-125	0.614	20	
Molybdenum	1.6453	5.0	"	9.9344	U	16.6	75-125	17.4	20	QM-1, U
Nickel	26.238	5.0	"	19.869	9.8260	82.6	75-125	0.235	20	
Potassium	2859.2	500	"	993.44	2028.7	83.6	75-125	1.04	20	
Silver	10.868	2.5	"	9.9344	1.9439	89.8	75-125	1.22	20	
Sodium	939.38	500	"	993.44	U	94.6	75-125	0.389	20	

Total Metals (TMTL) - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008049 - M 200.2 Metals Soil										
Matrix Spike Dup (2008049-MSD2)		**Source: E203203-32**		Prepared: 09/01/20 Analyzed: 09/04/20						
Strontium	20.043	2.5	mg/kg dry	9.9344	11.895	82.0	75-125	1.92	20	
Tin	22.495	7.5	"	9.9344	18.696	38.2	75-125	12.4	20	QM-1
Titanium	898.75	2.5	"	9.9344	921.55	-229	75-125	4.45	20	XM-1
Vanadium	66.299	2.5	"	9.9344	61.025	53.1	75-125	4.64	20	QM-1
Yttrium	25.650	1.5	"	9.9344	16.798	89.1	75-125	0.452	20	
Zinc	302.49	5.0	"	19.869	286.97	78.1	75-125	0.675	20	
MRL Verification (2008049-PS1)				Prepared: 09/01/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	11.161	10	mg/kg dry	10.000		112	70-130			MRL-3
Barium	0.54844	0.50	"	0.50000		110	70-130			MRL-3
Beryllium	0.30849	0.30	"	0.30000		103	70-130			MRL-3
Calcium	27.164	25	"	25.000		109	70-130			MRL-3
Chromium	0.51597	0.50	"	0.50000		103	70-130			MRL-3
Cobalt	0.49537	0.50	"	0.50000		99.1	70-130			MRL-3, U
Copper	0.99798	1.0	"	1.0000		99.8	70-130			MRL-3, U
Iron	10.414	10	"	10.000		104	70-130			MRL-3
Magnesium	27.282	25	"	25.000		109	70-130			MRL-3
Manganese	0.50132	0.50	"	0.50000		100	70-130			MRL-3
Molybdenum	1.0210	1.0	"	1.0000		102	70-130			MRL-3
Nickel	1.0121	1.0	"	1.0000		101	70-130			MRL-3
Potassium	95.277	100	"	100.00		95.3	70-130			MRL-3, U
Silver	0.52893	0.50	"	0.50000		106	70-130			MRL-3
Sodium	100.13	100	"	100.00		100	70-130			MRL-3
Strontium	0.52205	0.50	"	0.50000		104	70-130			MRL-3
Tin	1.4184	1.5	"	1.5000		94.6	70-130			MRL-3, U
Titanium	0.49477	0.50	"	0.50000		99.0	70-130			MRL-3, U
Vanadium	0.32091	0.50	"	0.50000		64.2	70-130			MRL-3, QR-1, U
Yttrium	0.30002	0.30	"	0.30000		100	70-130			MRL-3
Zinc	1.0585	1.0	"	1.0000		106	70-130			MRL-3

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Total Metals (TMTL) - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008050 - M 200.2 Metals Soil										
Blank (2008050-BLK1)				Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U
Blank (2008050-BLK2)				Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U
LCS (2008050-BS1)				Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	19.357	0.20	mg/kg dry	20.000		96.8	85-115			
Arsenic	19.935	0.20	"	20.000		99.7	85-115			
Cadmium	4.8415	0.10	"	5.0000		96.8	85-115			
Lead	18.381	0.20	"	20.000		91.9	85-115			
Selenium	20.031	0.40	"	20.000		100	85-115			
Thallium	19.415	0.20	"	20.000		97.1	85-115			
LCS (2008050-BS2)				Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	18.473	1.0	mg/kg dry	20.000		92.4	85-115			
Arsenic	19.359	1.0	"	20.000		96.8	85-115			
Cadmium	4.6900	0.50	"	5.0000		93.8	85-115			
Lead	18.586	1.0	"	20.000		92.9	85-115			
Selenium	17.841	2.0	"	20.000		89.2	85-115			
Thallium	19.622	1.0	"	20.000		98.1	85-115			

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Total Metals (TMTL) - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008050 - M 200.2 Metals Soil										
Matrix Spike (2008050-MS1)		**Source: E203203-23**		Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	4.7863	0.20	mg/kg dry	19.681	1.7460	15.4	70-130			QM-1
Arsenic	14.806	0.20	"	19.681	4.9080	50.3	70-130			QM-1
Cadmium	7.2490	0.098	"	4.9203	2.4257	98.0	70-130			
Lead	150.01	0.20	"	19.681	133.02	86.3	70-130			
Selenium	6.9231	0.39	"	19.681	0.29408	33.7	70-130			QM-1
Thallium	17.892	0.20	"	19.681	0.38142	89.0	70-130			
Matrix Spike (2008050-MS2)		**Source: E203203-32**		Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	3.4152	0.20	mg/kg dry	19.956	0.29156	15.7	70-130			QM-1
Arsenic	13.585	0.20	"	19.956	3.1814	52.1	70-130			QM-1
Cadmium	8.0935	0.10	"	4.9890	3.3995	94.1	70-130			
Lead	251.75	0.20	"	19.956	233.99	89.0	70-130			XM-1
Selenium	5.6068	0.40	"	19.956	0.32313	26.5	70-130			QM-1
Thallium	18.060	0.20	"	19.956	0.39585	88.5	70-130			
Matrix Spike (2008050-MS3)		**Source: E203203-23**		Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	4.7503	0.98	mg/kg dry	19.681	1.7460	15.3	70-130			QM-1
Arsenic	13.419	0.98	"	19.681	4.9080	43.2	70-130			QM-1
Cadmium	7.5177	0.49	"	4.9203	2.4257	103	70-130			
Lead	157.65	0.98	"	19.681	133.02	125	70-130			
Selenium	6.0020	2.0	"	19.681	U	30.5	70-130			QM-1
Thallium	18.467	0.98	"	19.681	0.38142	91.9	70-130			
Matrix Spike (2008050-MS4)		**Source: E203203-32**		Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	3.1643	1.0	mg/kg dry	19.956	0.29156	14.4	70-130			QM-1
Arsenic	12.271	1.0	"	19.956	3.1814	45.5	70-130			QM-1
Cadmium	8.1899	0.50	"	4.9890	3.3995	96.0	70-130			
Lead	261.97	1.0	"	19.956	233.99	140	70-130			XM-1
Selenium	5.4504	2.0	"	19.956	U	27.3	70-130			QM-1
Thallium	18.129	1.0	"	19.956	0.39585	88.9	70-130			

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Total Metals (TMTL) - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008050 - M 200.2 Metals Soil										
Matrix Spike Dup (2008050-MSD1)		**Source: E203203-23**		Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	4.7067	0.20	mg/kg dry	19.616	1.7460	15.1	70-130	1.68	20	QM-1
Arsenic	16.090	0.20	"	19.616	4.9080	57.0	70-130	8.31	20	QM-1
Cadmium	7.1010	0.098	"	4.9039	2.4257	95.3	70-130	2.06	20	
Lead	148.65	0.20	"	19.616	133.02	79.7	70-130	0.910	20	
Selenium	7.8259	0.39	"	19.616	0.29408	38.4	70-130	12.2	20	QM-1
Thallium	18.002	0.20	"	19.616	0.38142	89.8	70-130	0.614	20	
Matrix Spike Dup (2008050-MSD2)		**Source: E203203-32**		Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	2.9720	0.20	mg/kg dry	19.869	0.29156	13.5	70-130	13.9	20	QM-1
Arsenic	11.129	0.20	"	19.869	3.1814	40.0	70-130	19.9	20	QM-1
Cadmium	8.4316	0.099	"	4.9672	3.3995	101	70-130	4.09	20	
Lead	253.69	0.20	"	19.869	233.99	99.2	70-130	0.769	20	XM-1
Selenium	4.4081	0.40	"	19.869	0.32313	20.6	70-130	23.9	20	QM-1, QM-3
Thallium	17.898	0.20	"	19.869	0.39585	88.1	70-130	0.901	20	
Matrix Spike Dup (2008050-MSD3)		**Source: E203203-23**		Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	4.6317	0.98	mg/kg dry	19.616	1.7460	14.7	70-130	2.53	20	QM-1
Arsenic	15.369	0.98	"	19.616	4.9080	53.3	70-130	13.6	20	QM-1
Cadmium	7.2143	0.49	"	4.9039	2.4257	97.6	70-130	4.12	20	
Lead	155.82	0.98	"	19.616	133.02	116	70-130	1.17	20	
Selenium	7.3845	2.0	"	19.616	U	37.6	70-130	20.7	20	QM-1, QM-3
Thallium	18.373	0.98	"	19.616	0.38142	91.7	70-130	0.513	20	
Matrix Spike Dup (2008050-MSD4)		**Source: E203203-32**		Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	2.9651	0.99	mg/kg dry	19.869	0.29156	13.5	70-130	6.50	20	QM-1
Arsenic	10.116	0.99	"	19.869	3.1814	34.9	70-130	19.3	20	QM-1
Cadmium	8.4856	0.50	"	4.9672	3.3995	102	70-130	3.55	20	
Lead	260.77	0.99	"	19.869	233.99	135	70-130	0.459	20	XM-1
Selenium	3.0133	2.0	"	19.869	U	15.2	70-130	57.6	20	QM-1, QM-3
Thallium	18.033	0.99	"	19.869	0.39585	88.8	70-130	0.526	20	

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008050 - M 200.2 Metals Soil										
MRL Verification (2008050-PS1)				Prepared: 09/01/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	0.038331	0.10	mg/kg dry	0.050000		76.7	65-135			MRL-3, U
Arsenic	0.10120	0.10	"	0.10000		101	65-135			MRL-3
Cadmium	0.057029	0.050	"	0.050000		114	65-135			MRL-3
Lead	0.094228	0.10	"	0.10000		94.2	65-135			MRL-3, U
Selenium	0.20082	0.20	"	0.20000		100	65-135			MRL-3
Thallium	0.045507	0.10	"	0.050000		91.0	65-135			MRL-3, U
Batch 2008056 - M 200.2 Metals Soil										
Blank (2008056-BLK1)				Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	U	10	mg/kg dry							U
Barium	U	0.50	"							U
Beryllium	U	0.30	"							U
Calcium	U	25	"							U
Chromium	U	0.50	"							U
Cobalt	U	0.50	"							U
Copper	U	1.0	"							U
Iron	U	10	"							U
Magnesium	U	25	"							U
Manganese	U	0.50	"							U
Molybdenum	U	1.0	"							U
Nickel	U	1.0	"							U
Potassium	U	100	"							U
Silver	U	0.50	"							U
Sodium	U	100	"							U
Strontium	U	0.50	"							U
Tin	U	1.5	"							U
Titanium	U	0.50	"							U
Vanadium	U	0.50	"							U
Yttrium	U	0.30	"							U
Zinc	U	1.0	"							U

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008056 - M 200.2 Metals Soil										
Blank (2008056-BLK2)				Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	U	10	mg/kg dry							U
Barium	U	0.50	"							U
Beryllium	U	0.30	"							U
Calcium	U	25	"							U
Chromium	U	0.50	"							U
Cobalt	U	0.50	"							U
Copper	U	1.0	"							U
Iron	U	10	"							U
Magnesium	U	25	"							U
Manganese	U	0.50	"							U
Molybdenum	U	1.0	"							U
Nickel	U	1.0	"							U
Potassium	U	100	"							U
Silver	U	0.50	"							U
Sodium	U	100	"							U
Strontium	U	0.50	"							U
Tin	U	1.5	"							U
Titanium	U	0.50	"							U
Vanadium	U	0.50	"							U
Yttrium	U	0.30	"							U
Zinc	U	1.0	"							U
LCS (2008056-BS1)				Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	484.46	10	mg/kg dry	500.00		96.9	85-115			
Barium	49.706	0.50	"	50.000		99.4	85-115			
Beryllium	19.595	0.30	"	20.000		98.0	85-115			
Calcium	496.16	25	"	500.00		99.2	85-115			
Chromium	48.806	0.50	"	50.000		97.6	85-115			
Cobalt	46.698	0.50	"	50.000		93.4	85-115			
Copper	28.715	1.0	"	30.000		95.7	85-115			
Iron	506.37	10	"	500.00		101	85-115			
Magnesium	503.53	25	"	500.00		101	85-115			
Manganese	495.38	0.50	"	500.00		99.1	85-115			
Molybdenum	30.103	1.0	"	30.000		100	85-115			
Nickel	76.343	1.0	"	80.000		95.4	85-115			
Potassium	949.40	100	"	1000.0		94.9	85-115			
Silver	10.020	0.50	"	10.000		100	85-115			
Sodium	956.33	100	"	1000.0		95.6	85-115			

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008056 - M 200.2 Metals Soil										
LCS (2008056-BS1)				Prepared: 09/02/20 Analyzed: 09/04/20						
Strontium	38.675	0.50	mg/kg dry	40.000		96.7	85-115			
Tin	95.268	1.5	"	100.00		95.3	85-115			
Titanium	48.033	0.50	"	50.000		96.1	85-115			
Vanadium	38.313	0.50	"	40.000		95.8	85-115			
Yttrium	28.722	0.30	"	30.000		95.7	85-115			
Zinc	98.055	1.0	"	100.00		98.1	85-115			
Matrix Spike (2008056-MS1)		**Source: E203203-41**		Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	22083	39	mg/kg dry	491.16	27015	-1000	75-125			XM-1
Barium	70.078	2.0	"	49.116	31.759	78.0	75-125			
Beryllium	18.388	1.2	"	19.646	0.24447	92.4	75-125			
Calcium	640.69	98	"	491.16	220.51	85.5	75-125			
Chromium	72.985	2.0	"	49.116	33.534	80.3	75-125			
Cobalt	44.455	2.0	"	49.116	1.5795	87.3	75-125			
Copper	34.916	3.9	"	29.470	9.5265	86.2	75-125			
Iron	29622	39	"	491.16	34757	-1050	75-125			XM-1
Magnesium	605.98	98	"	491.16	195.21	83.6	75-125			
Manganese	524.84	2.0	"	491.16	86.661	89.2	75-125			
Molybdenum	9.6996	3.9	"	29.470	U	32.9	75-125			QM-1
Nickel	71.925	3.9	"	78.585	3.7847	86.7	75-125			
Potassium	1088.7	390	"	982.32	320.52	78.2	75-125			
Silver	9.0599	2.0	"	9.8232	U	92.2	75-125			
Sodium	898.27	390	"	982.32	U	91.4	75-125			
Strontium	37.087	2.0	"	39.293	3.7879	84.7	75-125			
Tin	77.080	5.9	"	98.232	1.9093	76.5	75-125			
Titanium	146.10	2.0	"	49.116	142.08	8.18	75-125			QM-1
Vanadium	84.698	2.0	"	39.293	62.038	57.7	75-125			QM-1
Yttrium	28.200	1.2	"	29.470	1.7571	89.7	75-125			
Zinc	102.69	3.9	"	98.232	14.978	89.3	75-125			

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008056 - M 200.2 Metals Soil										
Matrix Spike (2008056-MS2)		**Source: E203203-51**		Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	12755	20	mg/kg dry	497.71	12061	139	75-125			XM-1
Barium	165.17	1.0	"	49.771	118.40	94.0	75-125			
Beryllium	18.946	0.60	"	19.908	0.57177	92.3	75-125			
Calcium	1370.1	50	"	497.71	770.20	121	75-125			
Chromium	105.35	1.0	"	49.771	57.875	95.4	75-125			
Cobalt	48.699	1.0	"	49.771	5.2439	87.3	75-125			
Copper	67.174	2.0	"	29.863	34.052	111	75-125			
Iron	14063	20	"	497.71	13664	80.3	75-125			XM-1
Magnesium	2579.3	50	"	497.71	2220.4	72.1	75-125			QM-1
Manganese	581.63	1.0	"	497.71	109.54	94.9	75-125			
Molybdenum	20.464	2.0	"	29.863	0.13974	68.1	75-125			QM-1
Nickel	78.602	2.0	"	79.634	8.1363	88.5	75-125			
Potassium	2915.9	200	"	995.42	2054.8	86.5	75-125			
Silver	10.833	1.0	"	9.9542	1.3521	95.2	75-125			
Sodium	927.36	200	"	995.42	31.641	90.0	75-125			
Strontium	45.451	1.0	"	39.817	9.0810	91.3	75-125			
Tin	86.470	3.0	"	99.542	4.0736	82.8	75-125			
Titanium	797.95	1.0	"	49.771	764.15	67.9	75-125			XM-1
Vanadium	69.095	1.0	"	39.817	31.805	93.7	75-125			
Yttrium	35.036	0.60	"	29.863	7.1070	93.5	75-125			
Zinc	255.27	2.0	"	99.542	136.85	119	75-125			
Matrix Spike Dup (2008056-MSD1)		**Source: E203203-41**		Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	24148	40	mg/kg dry	497.71	27015	-576	75-125	8.93	20	XM-1
Barium	74.388	2.0	"	49.771	31.759	85.7	75-125	5.97	20	
Beryllium	18.713	1.2	"	19.908	0.24447	92.8	75-125	1.75	20	
Calcium	662.73	100	"	497.71	220.51	88.9	75-125	3.38	20	
Chromium	74.703	2.0	"	49.771	33.534	82.7	75-125	2.33	20	
Cobalt	45.387	2.0	"	49.771	1.5795	88.0	75-125	2.07	20	
Copper	36.093	4.0	"	29.863	9.5265	89.0	75-125	3.31	20	
Iron	31488	40	"	497.71	34757	-657	75-125	6.11	20	XM-1
Magnesium	637.58	100	"	497.71	195.21	88.9	75-125	5.08	20	
Manganese	547.41	2.0	"	497.71	86.661	92.6	75-125	4.21	20	
Molybdenum	10.754	4.0	"	29.863	U	36.0	75-125	10.3	20	QM-1
Nickel	72.547	4.0	"	79.634	3.7847	86.3	75-125	0.861	20	
Potassium	1138.6	400	"	995.42	320.52	82.2	75-125	4.48	20	
Silver	9.2098	2.0	"	9.9542	U	92.5	75-125	1.64	20	
Sodium	940.93	400	"	995.42	U	94.5	75-125	4.64	20	

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008056 - M 200.2 Metals Soil										
Matrix Spike Dup (2008056-MSD1)		**Source: E203203-41**		Prepared: 09/02/20 Analyzed: 09/04/20						
Strontium	39.735	2.0	mg/kg dry	39.817	3.7879	90.3	75-125	6.90	20	
Tin	79.784	6.0	"	99.542	1.9093	78.2	75-125	3.45	20	
Titanium	153.51	2.0	"	49.771	142.08	23.0	75-125	4.94	20	QM-1
Vanadium	86.455	2.0	"	39.817	62.038	61.3	75-125	2.05	20	QM-1
Yttrium	28.617	1.2	"	29.863	1.7571	89.9	75-125	1.47	20	
Zinc	104.77	4.0	"	99.542	14.978	90.2	75-125	2.00	20	
Matrix Spike Dup (2008056-MSD2)		**Source: E203203-51**		Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	11289	20	mg/kg dry	490.29	12061	-158	75-125	12.2	20	XM-1
Barium	157.83	0.98	"	49.029	118.40	80.4	75-125	4.54	20	
Beryllium	18.666	0.59	"	19.612	0.57177	92.3	75-125	1.48	20	
Calcium	1279.0	49	"	490.29	770.20	104	75-125	6.88	20	
Chromium	104.77	0.98	"	49.029	57.875	95.6	75-125	0.556	20	
Cobalt	48.777	0.98	"	49.029	5.2439	88.8	75-125	0.160	20	
Copper	63.512	2.0	"	29.418	34.052	100	75-125	5.60	20	
Iron	12363	20	"	490.29	13664	-265	75-125	12.9	20	XM-1
Magnesium	2463.9	49	"	490.29	2220.4	49.7	75-125	4.57	20	QM-1
Manganese	568.87	0.98	"	490.29	109.54	93.7	75-125	2.22	20	
Molybdenum	18.653	2.0	"	29.418	0.13974	62.9	75-125	9.26	20	QM-1
Nickel	77.037	2.0	"	78.447	8.1363	87.8	75-125	2.01	20	
Potassium	2754.6	200	"	980.58	2054.8	71.4	75-125	5.69	20	QM-1
Silver	10.615	0.98	"	9.8058	1.3521	94.5	75-125	2.03	20	
Sodium	913.26	200	"	980.58	31.641	89.9	75-125	1.53	20	
Strontium	43.801	0.98	"	39.223	9.0810	88.5	75-125	3.70	20	
Tin	82.066	2.9	"	98.058	4.0736	79.5	75-125	5.23	20	
Titanium	724.28	0.98	"	49.029	764.15	-81.3	75-125	9.68	20	XM-1
Vanadium	64.231	0.98	"	39.223	31.805	82.7	75-125	7.30	20	
Yttrium	33.886	0.59	"	29.418	7.1070	91.0	75-125	3.34	20	
Zinc	233.49	2.0	"	98.058	136.85	98.6	75-125	8.91	20	

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008056 - M 200.2 Metals Soil										
MRL Verification (2008056-PS1)				Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	10.861	10	mg/kg dry	10.000		109	70-130			MRL-3
Barium	0.52135	0.50	"	0.50000		104	70-130			MRL-3
Beryllium	0.30986	0.30	"	0.30000		103	70-130			MRL-3
Calcium	26.092	25	"	25.000		104	70-130			MRL-3
Chromium	0.50116	0.50	"	0.50000		100	70-130			MRL-3
Cobalt	0.47432	0.50	"	0.50000		94.9	70-130			MRL-3, U
Copper	0.99675	1.0	"	1.0000		99.7	70-130			MRL-3, U
Iron	10.873	10	"	10.000		109	70-130			MRL-3
Magnesium	26.888	25	"	25.000		108	70-130			MRL-3
Manganese	0.89501	0.50	"	0.50000		179	70-130			MRL-3, QR-2
Molybdenum	1.0060	1.0	"	1.0000		101	70-130			MRL-3
Nickel	1.0104	1.0	"	1.0000		101	70-130			MRL-3
Potassium	94.969	100	"	100.00		95.0	70-130			MRL-3, U
Silver	0.52022	0.50	"	0.50000		104	70-130			MRL-3
Sodium	98.066	100	"	100.00		98.1	70-130			MRL-3, U
Strontium	0.51252	0.50	"	0.50000		103	70-130			MRL-3
Tin	1.4243	1.5	"	1.5000		95.0	70-130			MRL-3, U
Titanium	0.55785	0.50	"	0.50000		112	70-130			MRL-3
Vanadium	0.30917	0.50	"	0.50000		61.8	70-130			MRL-3, QR-1, U
Yttrium	0.29492	0.30	"	0.30000		98.3	70-130			MRL-3, U
Zinc	1.0320	1.0	"	1.0000		103	70-130			MRL-3
Batch 2008057 - M 200.2 Metals Soil										
Blank (2008057-BLK1)				Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008057 - M 200.2 Metals Soil										
Blank (2008057-BLK2)				Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U
Blank (2008057-BLK3)				Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U
Blank (2008057-BLK4)				Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U
LCS (2008057-BS1)				Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	97.210	0.20	mg/kg dry	100.00		97.2	85-115			
Arsenic	48.195	0.20	"	50.000		96.4	85-115			
Cadmium	19.677	0.10	"	20.000		98.4	85-115			
Lead	97.802	0.20	"	100.00		97.8	85-115			
Selenium	99.107	0.40	"	100.00		99.1	85-115			
Thallium	19.387	0.20	"	20.000		96.9	85-115			

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Total Metals (TMTL) - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008057 - M 200.2 Metals Soil										
LCS (2008057-BS2)				Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	98.834	1.0	mg/kg dry	100.00		98.8	85-115			
Arsenic	46.092	1.0	"	50.000		92.2	85-115			
Cadmium	19.590	0.50	"	20.000		98.0	85-115			
Lead	99.440	1.0	"	100.00		99.4	85-115			
Selenium	95.945	2.0	"	100.00		95.9	85-115			
Thallium	19.843	1.0	"	20.000		99.2	85-115			
Matrix Spike (2008057-MS1)		**Source: E203203-41**		Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	23.665	0.20	mg/kg dry	98.232	0.050115	24.0	70-130			QM-1
Arsenic	25.592	0.20	"	49.116	2.3861	47.2	70-130			QM-1
Cadmium	18.867	0.098	"	19.646	0.082265	95.6	70-130			
Lead	106.90	0.20	"	98.232	17.285	91.2	70-130			
Selenium	36.362	0.39	"	98.232	U	37.0	70-130			QM-1
Thallium	18.837	0.20	"	19.646	0.17724	95.0	70-130			
Matrix Spike (2008057-MS3)		**Source: E203203-41**		Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	23.901	0.98	mg/kg dry	98.232	U	24.3	70-130			QM-1
Arsenic	25.024	0.98	"	49.116	2.3861	46.1	70-130			QM-1
Cadmium	19.142	0.49	"	19.646	U	97.4	70-130			
Lead	111.34	0.98	"	98.232	17.285	95.7	70-130			
Selenium	37.366	2.0	"	98.232	U	38.0	70-130			QM-1
Thallium	19.522	0.98	"	19.646	0.17724	98.5	70-130			
Matrix Spike (2008057-MS5)		**Source: E203203-51RE1**		Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	54.884	0.20	mg/kg dry	99.542	9.8239	45.3	70-130			QM-1
Arsenic	46.641	0.20	"	49.771	1.8070	90.1	70-130			
Cadmium	23.103	0.10	"	19.908	3.0794	101	70-130			
Lead	149.23	0.20	"	99.542	52.141	97.5	70-130			
Selenium	83.728	0.40	"	99.542	0.21631	83.9	70-130			
Thallium	18.598	0.20	"	19.908	0.25766	92.1	70-130			

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Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008057 - M 200.2 Metals Soil										
Matrix Spike (2008057-MS6)		**Source: E203203-51RE1**		Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	54.289	1.0	mg/kg dry	99.542	9.8239	44.7	70-130			QM-1
Arsenic	43.354	1.0	"	49.771	1.8070	83.5	70-130			
Cadmium	23.281	0.50	"	19.908	3.0794	101	70-130			
Lead	156.72	1.0	"	99.542	52.141	105	70-130			
Selenium	82.247	2.0	"	99.542	U	82.6	70-130			
Thallium	19.505	1.0	"	19.908	0.25766	96.7	70-130			
Matrix Spike Dup (2008057-MSD1)		**Source: E203203-41**		Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	24.978	0.20	mg/kg dry	99.542	0.050115	25.0	70-130	5.40	20	QM-1
Arsenic	28.605	0.20	"	49.771	2.3861	52.7	70-130	11.1	20	QM-1
Cadmium	19.587	0.10	"	19.908	0.082265	98.0	70-130	3.75	20	
Lead	111.67	0.20	"	99.542	17.285	94.8	70-130	4.37	20	
Selenium	41.693	0.40	"	99.542	U	41.9	70-130	13.7	20	QM-1
Thallium	19.768	0.20	"	19.908	0.17724	98.4	70-130	4.82	20	
Matrix Spike Dup (2008057-MSD3)		**Source: E203203-41**		Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	23.436	1.0	mg/kg dry	99.542	U	23.5	70-130	1.97	20	QM-1
Arsenic	26.289	1.0	"	49.771	2.3861	48.0	70-130	4.93	20	QM-1
Cadmium	19.610	0.50	"	19.908	U	98.5	70-130	2.42	20	
Lead	114.42	1.0	"	99.542	17.285	97.6	70-130	2.73	20	
Selenium	42.044	2.0	"	99.542	U	42.2	70-130	11.8	20	QM-1
Thallium	19.775	1.0	"	19.908	0.17724	98.4	70-130	1.29	20	
Matrix Spike Dup (2008057-MSD5)		**Source: E203203-51RE1**		Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	48.555	0.20	mg/kg dry	98.058	9.8239	39.5	70-130	12.2	20	QM-1
Arsenic	41.167	0.20	"	49.029	1.8070	80.3	70-130	12.5	20	
Cadmium	22.717	0.098	"	19.612	3.0794	100	70-130	1.68	20	
Lead	152.80	0.20	"	98.058	52.141	103	70-130	2.37	20	
Selenium	72.914	0.39	"	98.058	0.21631	74.1	70-130	13.8	20	
Thallium	18.502	0.20	"	19.612	0.25766	93.0	70-130	0.516	20	

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008057 - M 200.2 Metals Soil										
Matrix Spike Dup (2008057-MSD6)		**Source: E203203-51RE1**		Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	48.882	0.98	mg/kg dry	98.058	9.8239	39.8	70-130	10.5	20	QM-1
Arsenic	40.712	0.98	"	49.029	1.8070	79.4	70-130	6.29	20	
Cadmium	22.524	0.49	"	19.612	3.0794	99.1	70-130	3.31	20	
Lead	160.07	0.98	"	98.058	52.141	110	70-130	2.11	20	
Selenium	72.318	2.0	"	98.058	U	73.7	70-130	12.8	20	
Thallium	19.440	0.98	"	19.612	0.25766	97.8	70-130	0.334	20	
MRL Verification (2008057-PS1)				Prepared: 09/02/20 Analyzed: 09/08/20						
EPA 200.8										
Antimony	0.055049	0.10	mg/kg dry	0.050000		110	65-135			MRL-3, U
Arsenic	0.10081	0.10	"	0.10000		101	65-135			MRL-3
Cadmium	0.052692	0.050	"	0.050000		105	65-135			MRL-3
Lead	0.091828	0.10	"	0.10000		91.8	65-135			MRL-3, U
Selenium	0.14872	0.20	"	0.20000		74.4	65-135			MRL-3, U
Thallium	0.042631	0.10	"	0.050000		85.3	65-135			MRL-3, U
MRL Verification (2008057-PS2)				Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	0.049063	0.10	mg/kg dry	0.050000		98.1	65-135			MRL-3, U
Arsenic	0.11427	0.10	"	0.10000		114	65-135			MRL-3
Cadmium	0.050173	0.050	"	0.050000		100	65-135			MRL-3
Lead	0.080143	0.10	"	0.10000		80.1	65-135			MRL-3, U
Selenium	0.22260	0.20	"	0.20000		111	65-135			MRL-3
Thallium	0.032892	0.10	"	0.050000		65.8	65-135			MRL-3, U
Batch 2008059 - M 200.2 Metals Soil										
Blank (2008059-BLK1)				Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	U	10	mg/kg dry							U
Barium	U	0.50	"							U
Beryllium	U	0.30	"							U
Calcium	U	25	"							U
Chromium	U	0.50	"							U

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Project: 20-0334, Lake Conestee - Reported by Floyd Wellborn

Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008059 - M 200.2 Metals Soil										
Blank (2008059-BLK1)				Prepared: 09/02/20 Analyzed: 09/04/20						
Cobalt	U	0.50	mg/kg dry							U
Copper	U	1.0	"							U
Iron	U	10	"							U
Magnesium	U	25	"							U
Manganese	U	0.50	"							U
Molybdenum	U	1.0	"							U
Nickel	U	1.0	"							U
Potassium	U	100	"							U
Silver	U	0.50	"							U
Sodium	U	100	"							U
Strontium	U	0.50	"							U
Tin	U	1.5	"							U
Titanium	U	0.50	"							U
Vanadium	U	0.50	"							U
Yttrium	U	0.30	"							U
Zinc	U	1.0	"							U
Blank (2008059-BLK2)				Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	U	10	mg/kg dry							U
Barium	U	0.50	"							U
Beryllium	U	0.30	"							U
Calcium	U	25	"							U
Chromium	U	0.50	"							U
Cobalt	U	0.50	"							U
Copper	U	1.0	"							U
Iron	U	10	"							U
Magnesium	U	25	"							U
Manganese	U	0.50	"							U
Molybdenum	U	1.0	"							U
Nickel	U	1.0	"							U
Potassium	U	100	"							U
Silver	U	0.50	"							U
Sodium	U	100	"							U
Strontium	U	0.50	"							U
Tin	U	1.5	"							U
Titanium	U	0.50	"							U
Vanadium	U	0.50	"							U
Yttrium	U	0.30	"							U
Zinc	U	1.0	"							U

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008059 - M 200.2 Metals Soil										
Blank (2008059-BLK2)				Prepared: 09/02/20 Analyzed: 09/04/20						
LCS (2008059-BS1)				Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	481.78	10	mg/kg dry	500.00		96.4	85-115			
Barium	49.609	0.50	"	50.000		99.2	85-115			
Beryllium	19.681	0.30	"	20.000		98.4	85-115			
Calcium	494.06	25	"	500.00		98.8	85-115			
Chromium	49.356	0.50	"	50.000		98.7	85-115			
Cobalt	47.259	0.50	"	50.000		94.5	85-115			
Copper	29.241	1.0	"	30.000		97.5	85-115			
Iron	506.78	10	"	500.00		101	85-115			
Magnesium	503.58	25	"	500.00		101	85-115			
Manganese	492.34	0.50	"	500.00		98.5	85-115			
Molybdenum	30.194	1.0	"	30.000		101	85-115			
Nickel	77.145	1.0	"	80.000		96.4	85-115			
Potassium	949.08	100	"	1000.0		94.9	85-115			
Silver	10.068	0.50	"	10.000		101	85-115			
Sodium	954.75	100	"	1000.0		95.5	85-115			
Strontium	38.423	0.50	"	40.000		96.1	85-115			
Tin	96.061	1.5	"	100.00		96.1	85-115			
Titanium	48.108	0.50	"	50.000		96.2	85-115			
Vanadium	39.071	0.50	"	40.000		97.7	85-115			
Yttrium	28.889	0.30	"	30.000		96.3	85-115			
Zinc	99.034	1.0	"	100.00		99.0	85-115			
Matrix Spike (2008059-MS1)		**Source: E203203-61**		Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	24009	50	mg/kg dry	498.01	24186	-35.5	75-125			XM-1
Barium	206.58	2.5	"	49.801	165.89	81.7	75-125			
Beryllium	19.255	1.5	"	19.920	1.1691	90.8	75-125			
Calcium	3397.6	120	"	498.01	3185.9	42.5	75-125			QM-1
Chromium	101.05	2.5	"	49.801	58.530	85.4	75-125			
Cobalt	58.581	2.5	"	49.801	15.216	87.1	75-125			
Copper	82.992	5.0	"	29.880	54.969	93.8	75-125			
Iron	39266	50	"	498.01	40476	-243	75-125			XM-1
Magnesium	2729.5	120	"	498.01	2272.3	91.8	75-125			
Manganese	835.34	2.5	"	498.01	380.11	91.4	75-125			
Molybdenum	13.470	5.0	"	29.880	0.73701	42.6	75-125			QM-1
Nickel	84.394	5.0	"	79.681	15.793	86.1	75-125			

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008059 - M 200.2 Metals Soil										
Matrix Spike (2008059-MS1)		**Source: E203203-61**		Prepared: 09/02/20 Analyzed: 09/04/20						
Potassium	2978.9	500	mg/kg dry	996.02	2091.9	89.1	75-125			
Silver	9.7101	2.5	"	9.9602	0.53928	92.1	75-125			
Sodium	1005.9	500	"	996.02	110.57	89.9	75-125			
Strontium	52.901	2.5	"	39.841	17.447	89.0	75-125			
Tin	77.578	7.5	"	99.602	5.3577	72.5	75-125			QM-1
Titanium	955.51	2.5	"	49.801	931.89	47.4	75-125			XM-1
Vanadium	100.87	2.5	"	39.841	68.559	81.1	75-125			
Yttrium	41.201	1.5	"	29.880	14.493	89.4	75-125			
Zinc	442.21	5.0	"	99.602	351.40	91.2	75-125			
Matrix Spike Dup (2008059-MSD1)		**Source: E203203-61**		Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	23980	50	mg/kg dry	495.93	24186	-41.5	75-125	0.122	20	XM-1
Barium	203.00	2.5	"	49.593	165.89	74.8	75-125	1.75	20	QM-1
Beryllium	19.145	1.5	"	19.837	1.1691	90.6	75-125	0.572	20	
Calcium	3400.6	120	"	495.93	3185.9	43.3	75-125	0.0859	20	QM-1
Chromium	101.83	2.5	"	49.593	58.530	87.3	75-125	0.773	20	
Cobalt	58.358	2.5	"	49.593	15.216	87.0	75-125	0.380	20	
Copper	81.823	5.0	"	29.756	54.969	90.2	75-125	1.42	20	
Iron	39445	50	"	495.93	40476	-208	75-125	0.455	20	XM-1
Magnesium	2701.4	120	"	495.93	2272.3	86.5	75-125	1.04	20	
Manganese	828.03	2.5	"	495.93	380.11	90.3	75-125	0.879	20	
Molybdenum	13.771	5.0	"	29.756	0.73701	43.8	75-125	2.21	20	QM-1
Nickel	83.478	5.0	"	79.349	15.793	85.3	75-125	1.09	20	
Potassium	2963.2	500	"	991.87	2091.9	87.8	75-125	0.529	20	
Silver	9.5522	2.5	"	9.9187	0.53928	90.9	75-125	1.64	20	
Sodium	1014.5	500	"	991.87	110.57	91.1	75-125	0.846	20	
Strontium	52.361	2.5	"	39.675	17.447	88.0	75-125	1.03	20	
Tin	78.316	7.4	"	99.187	5.3577	73.6	75-125	0.946	20	QM-1
Titanium	957.61	2.5	"	49.593	931.89	51.9	75-125	0.219	20	XM-1
Vanadium	101.00	2.5	"	39.675	68.559	81.8	75-125	0.130	20	
Yttrium	40.957	1.5	"	29.756	14.493	88.9	75-125	0.593	20	
Zinc	441.02	5.0	"	99.187	351.40	90.3	75-125	0.269	20	

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008059 - M 200.2 Metals Soil										
MRL Verification (2008059-PS1)				Prepared: 09/02/20 Analyzed: 09/04/20						
EPA 6010										
Aluminum	11.312	10	mg/kg dry	10.000		113	70-130			MRL-3
Barium	0.54569	0.50	"	0.50000		109	70-130			MRL-3
Beryllium	0.31369	0.30	"	0.30000		105	70-130			MRL-3
Calcium	25.460	25	"	25.000		102	70-130			MRL-3
Chromium	0.49898	0.50	"	0.50000		99.8	70-130			MRL-3, U
Cobalt	0.48683	0.50	"	0.50000		97.4	70-130			MRL-3, U
Copper	0.98084	1.0	"	1.0000		98.1	70-130			MRL-3, U
Iron	11.764	10	"	10.000		118	70-130			MRL-3
Magnesium	26.694	25	"	25.000		107	70-130			MRL-3
Manganese	1.0872	0.50	"	0.50000		217	70-130			MRL-3, QR-2
Molybdenum	0.97001	1.0	"	1.0000		97.0	70-130			MRL-3, U
Nickel	1.0241	1.0	"	1.0000		102	70-130			MRL-3
Potassium	94.874	100	"	100.00		94.9	70-130			MRL-3, U
Silver	0.51663	0.50	"	0.50000		103	70-130			MRL-3
Sodium	97.624	100	"	100.00		97.6	70-130			MRL-3, U
Strontium	0.49926	0.50	"	0.50000		99.9	70-130			MRL-3, U
Tin	1.3991	1.5	"	1.5000		93.3	70-130			MRL-3, U
Titanium	0.62480	0.50	"	0.50000		125	70-130			MRL-3
Vanadium	0.31559	0.50	"	0.50000		63.1	70-130			MRL-3, QR-1, U
Yttrium	0.30473	0.30	"	0.30000		102	70-130			MRL-3
Zinc	1.0424	1.0	"	1.0000		104	70-130			MRL-3
Batch 2008060 - M 200.2 Metals Soil										
Blank (2008060-BLK1)				Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008060 - M 200.2 Metals Soil										
Blank (2008060-BLK2)				Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	U	0.10	mg/kg dry							U
Arsenic	U	0.10	"							U
Cadmium	U	0.050	"							U
Lead	U	0.10	"							U
Selenium	U	0.20	"							U
Thallium	U	0.10	"							U
LCS (2008060-BS1)				Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	95.680	0.20	mg/kg dry	100.00		95.7	85-115			
Arsenic	47.630	0.20	"	50.000		95.3	85-115			
Cadmium	19.537	0.10	"	20.000		97.7	85-115			
Lead	95.617	0.20	"	100.00		95.6	85-115			
Selenium	90.709	0.40	"	100.00		90.7	85-115			
Thallium	18.981	0.20	"	20.000		94.9	85-115			
LCS (2008060-BS2)				Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	97.260	1.0	mg/kg dry	100.00		97.3	85-115			
Arsenic	44.317	1.0	"	50.000		88.6	85-115			
Cadmium	19.589	0.50	"	20.000		97.9	85-115			
Lead	99.026	1.0	"	100.00		99.0	85-115			
Selenium	88.775	2.0	"	100.00		88.8	85-115			
Thallium	19.610	1.0	"	20.000		98.0	85-115			
Matrix Spike (2008060-MS1)		**Source: E203203-61**		Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	17.169	0.20	mg/kg dry	99.602	1.7038	15.5	70-130			QM-1
Arsenic	37.271	0.20	"	49.801	5.6355	63.5	70-130			QM-1
Cadmium	21.059	0.10	"	19.920	2.0868	95.2	70-130			
Lead	165.34	0.20	"	99.602	76.902	88.8	70-130			
Selenium	48.628	0.40	"	99.602	0.18228	48.6	70-130			QM-1
Thallium	17.905	0.20	"	19.920	0.45718	87.6	70-130			

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Total Metals (TMTL) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008060 - M 200.2 Metals Soil										
Matrix Spike (2008060-MS2)		**Source: E203203-61**		Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	16.861	1.0	mg/kg dry	99.602	1.7038	15.2	70-130			QM-1
Arsenic	37.317	1.0	"	49.801	5.6355	63.6	70-130			QM-1
Cadmium	21.389	0.50	"	19.920	2.0868	96.9	70-130			
Lead	178.19	1.0	"	99.602	76.902	102	70-130			
Selenium	45.268	2.0	"	99.602	U	45.4	70-130			QM-1
Thallium	18.895	1.0	"	19.920	0.45718	92.6	70-130			
Matrix Spike Dup (2008060-MSD1)		**Source: E203203-61**		Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	16.983	0.20	mg/kg dry	99.187	1.7038	15.4	70-130	1.08	20	QM-1
Arsenic	39.400	0.20	"	49.593	5.6355	68.1	70-130	5.55	20	QM-1
Cadmium	21.065	0.099	"	19.837	2.0868	95.7	70-130	0.0272	20	
Lead	166.98	0.20	"	99.187	76.902	90.8	70-130	0.982	20	
Selenium	50.522	0.40	"	99.187	0.18228	50.8	70-130	3.82	20	QM-1
Thallium	17.795	0.20	"	19.837	0.45718	87.4	70-130	0.621	20	
Matrix Spike Dup (2008060-MSD2)		**Source: E203203-61**		Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	16.200	0.99	mg/kg dry	99.187	1.7038	14.6	70-130	4.00	20	QM-1
Arsenic	35.298	0.99	"	49.593	5.6355	59.8	70-130	5.56	20	QM-1
Cadmium	20.663	0.50	"	19.837	2.0868	93.6	70-130	3.45	20	
Lead	176.09	0.99	"	99.187	76.902	100	70-130	1.19	20	
Selenium	46.944	2.0	"	99.187	U	47.3	70-130	3.63	20	QM-1
Thallium	18.423	0.99	"	19.837	0.45718	90.6	70-130	2.53	20	
MRL Verification (2008060-PS1)				Prepared: 09/02/20 Analyzed: 09/09/20						
EPA 200.8										
Antimony	0.044766	0.10	mg/kg dry	0.050000		89.5	65-135			MRL-3, U
Arsenic	0.11799	0.10	"	0.10000		118	65-135			MRL-3
Cadmium	0.059731	0.050	"	0.050000		119	65-135			MRL-3
Lead	0.086819	0.10	"	0.10000		86.8	65-135			MRL-3, U
Selenium	0.13701	0.20	"	0.20000		68.5	65-135			MRL-3, U
Thallium	0.043842	0.10	"	0.050000		87.7	65-135			MRL-3, U

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Total Metals (TMTL) - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2009002 - M 7473 Hg-Direct										
Blank (2009002-BLK1)				Prepared & Analyzed: 09/01/20						
EPA 7473										
Mercury	U	0.046	mg/kg dry							U
LCS (2009002-BS1)				Prepared & Analyzed: 09/01/20						
EPA 7473										
Mercury	7.7413	0.24	mg/kg dry	7.4200		104	80-120			
LCS Dup (2009002-BSD1)				Prepared & Analyzed: 09/01/20						
EPA 7473										
Mercury	7.6768	0.26	mg/kg dry	7.4200		103	80-120	0.837	20	
Matrix Spike (2009002-MS1)		**Source: E203203-25**		Prepared & Analyzed: 09/01/20						
EPA 7473										
Mercury	1.1383	0.048	mg/kg dry	0.96525	0.080700	110	80-120			
Matrix Spike (2009002-MS2)		**Source: E203203-40**		Prepared & Analyzed: 09/01/20						
EPA 7473										
Mercury	1.2485	0.049	mg/kg dry	0.98232	0.14760	112	80-120			
Matrix Spike Dup (2009002-MSD1)		**Source: E203203-25**		Prepared & Analyzed: 09/01/20						
EPA 7473										
Mercury	1.1609	0.049	mg/kg dry	0.98328	0.080700	110	80-120	1.97	20	
Matrix Spike Dup (2009002-MSD2)		**Source: E203203-40**		Prepared & Analyzed: 09/01/20						
EPA 7473										
Mercury	1.2382	0.049	mg/kg dry	0.98135	0.14760	111	80-120	0.825	20	
MRL Verification (2009002-PS1)				Prepared & Analyzed: 09/01/20						
EPA 7473										
Mercury	4.6110		ng Hg	5.0000		92.2	70-130			MRL-3
Batch 2009012 - M 7473 Hg-Direct										
LCS (2009012-BS1)				Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	7.7312	0.25	mg/kg dry	7.4200		104	80-120			

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Total Metals (TMTL) - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2009012 - M 7473 Hg-Direct										
LCS Dup (2009012-BSD1)				Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	7.7515	0.25	mg/kg dry	7.4200		104	80-120	0.262	20	
Matrix Spike (2009012-MS1)		**Source: E203203-45**		Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	1.1424	0.048	mg/kg dry	0.95057	0.071290	113	80-120			
Matrix Spike Dup (2009012-MSD1)		**Source: E203203-45**		Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	1.1521	0.048	mg/kg dry	0.96993	0.071290	111	80-120	0.840	20	
MRL Verification (2009012-PS1)				Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	5.6300		ng Hg	5.0000		113	70-130			MRL-3
Batch 2009013 - M 7473 Hg-Direct										
Blank (2009013-BLK1)				Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	U	0.049	mg/kg dry							U
LCS (2009013-BS1)				Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	7.7193	0.25	mg/kg dry	7.4200		104	80-120			
LCS Dup (2009013-BSD1)				Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	7.6258	0.24	mg/kg dry	7.4200		103	80-120	1.22	20	
Matrix Spike (2009013-MS1)		**Source: E203203-61**		Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	1.2513	0.048	mg/kg dry	0.96805	0.20053	109	80-120			
Matrix Spike Dup (2009013-MSD1)		**Source: E203203-61**		Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	1.2768	0.048	mg/kg dry	0.96339	0.20053	112	80-120	2.02	20	

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Total Metals (TMTL) - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2009013 - M 7473 Hg-Direct										
MRL Verification (2009013-PS1)				Prepared & Analyzed: 09/02/20						
EPA 7473										
Mercury	4.9220		ng Hg	5.0000		98.4	70-130			MRL-3

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Physical Properties (PHYSP) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2008038 - M % Solids										
Duplicate (2008038-DUP1)		**Source: E203203-04**		Prepared: 08/21/20 Analyzed: 08/24/20						
EPA 200.2										
% Solids	60.691	0.0	%		61.176			0.796	10	
Batch 2008048 - M % Solids										
Duplicate (2008048-DUP1)		**Source: E203203-28**		Prepared: 08/27/20 Analyzed: 08/31/20						
EPA 200.2										
% Solids	60.458	0.0	%		60.475			0.0281	10	
Batch 2008055 - M % Solids										
Duplicate (2008055-DUP1)		**Source: E203203-52**		Prepared: 08/28/20 Analyzed: 09/01/20						
EPA 200.2										
% Solids	81.256	0.0	%		81.955			0.857	10	
Batch 2008058 - M % Solids										
Duplicate (2008058-DUP1)		**Source: E203203-61**		Prepared: 08/28/20 Analyzed: 09/01/20						
EPA 200.2										
% Solids	17.739	0.0	%		17.987			1.39	10	

Notes and Definitions for QC Samples

U	The analyte was not detected at or above the reporting limit.
B-3	Level in blank does not impact data quality
B-4	Level in blank impacts MRLs.
MRL-3	MRL verification for Soil matrix
QM-1	Matrix Spike Recovery less than method control limits
QM-3	Matrix Spike Precision outside method control limits
QR-1	MRL verification recovery less than lower control limits.
QR-2	MRL verification recovery greater than upper control limits.
XM-1	Sample background/spike ratio higher than method evaluation criteria