
SAMPLING REPORT

**HENRY COUNTY
MISSOURI**

100 W. FRANKLIN CLINTON MO

Prepared By:

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With Copies To:

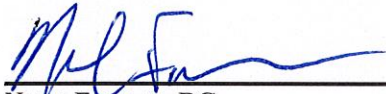
**Henry County Commissioner
100 W. Franklin, Clinton MO 64735**

**Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102**

May 5, 2025

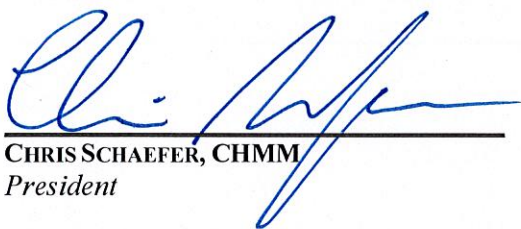
Sampling Report
Henry County, MO
100 W. Franklin
Clinton, MO 64735

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SOIL\SURFACE WATER\SEDIMENT SAMPLING REPORT

1.0 INTRODUCTION

This report documents the soil, sediment and water sample collection near Clinton in Henry County, Missouri, near the former location of the Montrose Power Plant. This report documents procedures for the collection of soil, surface water and sediment samples, and the laboratory analysis of samples. The purpose of the sampling is to ascertain concentrations of certain constituents of concern (COCs) related to Coal Combustion Residuals (CCR) in soil, sediment and surface water in specified locations in the vicinity of the former coal-fired power plant.

2.0 GENERAL FACILITY INFORMATION

The Montrose Generating Station was a 564-megawatt coal-fired power plant located near Clinton, Missouri. The plant commenced operations in 1958, and operation ceased in 2018. The power plant equipment was removed and on-site CCR placed in an on-site landfill. Details regarding the former operations of the generating station and current operations of the CCR landfill are not included in this document.

3.0 SITE HISTORY GENERAL INFORMATION

According to public documents numerous separate sampling events have been conducted at or near the site. One sampling event was conducted by Triangle Environmental Science and Engineering Inc. (Triangle), the results of which were presented in a letter dated January 7, 2025. The Missouri Department of Natural resources (MDNR) conducted a sampling event. The results of this sampling were presented in a Fact Sheet dated February 3, 2025, via the internet. A sampling report prepared by OCCU-TEC representing sampling at the Davis School was also reviewed. The MDNR also prepared a brief report regarding the collection and analysis of samples collected during the sampling effort represented in the following sections.

4.0 SCOPE OF WORK

The scope of work is based on a letter from Henry County dated February 4, 2025, and a meeting with Henry County officials on February 28, 2025. The workplan entitled *Soil/Surface Water/Sediment Sampling Workplan and Site Safety Plan* Prepared by Sunbelt Environmental Services Inc, dated March 8, 2025 was utilized to describe sampling locations, sampling methods, compositing procedures, sediment collection techniques, surface water collection procedures, health and safety requirements and procedures and analytical testing methods. The following sampling locations were determined in the workplan.

Sample ID	Sample #	Sample Location	Lat	Long
MSD	1	Montrose Elementary Ditch	38°15'20.72"N	93°58'38.30"W
MSR	2	Montrose Elementary Downspout - (MSR-1)	38°15'18.97"N	93°58'37.34"W
		Montrose Elementary Downspout - (MSR-2)	38°15'18.92"N	93°58'40.85"W
		Montrose Elementary Downspout - (MSR-3)	38°15'18.54"N	93°58'40.86"W
		Montrose Elementary Downspout - (MSR-4)	38°15'18.15"N	93°58'40.88"W
		Montrose Elementary Downspout - (MSR-5)	38°15'17.68"N	93°58'40.89"W
650 & 851	3	NE of Intersection of co. rd. 650 & 851	38°16'34.33"N	93°54'57.90"W
601 & T	4	SE of Intersection of co. rd. 601 & T	38°18'35.43"N	93°52'36.54"W
250 & 651	5	NW of Intersection of co. rd. 250 and 651	38°19'59.48"N	93°52'37.18"W
DSD	6	Davis School Ditch (150' section of the ditch along Hwy T between entrances)	38°20'11.75"N	93°53'9.75"W
DSR	7	Davis School Downspout - (DSR-1)	38°20'12.42"N	93°53'9.68"W
		Davis School Downspout - (DSR-2)	38°20'11.66"N	93°53'9.95"W
		Davis School Downspout - (DSR-3)	38°20'12.24"N	93°53'11.88"W
		Davis School Downspout - (DSR-4)	38°20'11.38"N	93°53'10.73"W
DEP	8	Davis School East Playgrbund (DEP -1)	38°20'9.90"N	93°53'10.84"W
		Davis School East Playgrbund (DEP -2)	38°20'10.64"N	93°53'10.81"W
		Davis School East Playgrbund (DEP -3)	38°20'10.68"N	93°53'11.60"W
		Davis School East Playgrbund (DEP -4)	38°20'9.94"N	93°53'11.67"W
		Davis School East Playgrbund (DEP -5)	38°20'10.33"N	93°53'11.67"W
DWP	9	Davis West Playground	38°20'10.70"N	93°53'13.40"W
DST	10	West Track Area Composite Sample Locations - (DST-1)	38°20'11.56"N	93°53'13.60"W
		West Track Area Composite Sample Locations - (DST-2)	38°20'10.16"N	93°53'14.55"W
		West Track Area Composite Sample Locations - (DST-3)	38°20'11.77"N	93°53'15.24"W
		West Track Area Composite Sample Locations - (DST-4)	38°20'12.33"N	93°53'17.33"W
		West Track Area Composite Sample Locations - (DST-5)	38°20'12.82"N	93°53'14.80"W
DSW	11	Davis School West Playground Duplicate	38°20'10.70"N	93°53'13.40"W
CCAD	12	Clinton Christian Academy (80' section of ditch along W division Rd past western most entrance)	38°22'4.10"N	93°48'25.52"W
18 & 901	13	Northwest of HWY 18 and co. rd. 901	38°21'23.87"N	93°55'18.12"W
K & 18	14	SW Intersection of HWY K and Hwy 18 (along west side of K)	38°21'25.76"N	94° 0'49.10"W
		SW Intersection of HWY K and Hwy 18 (along south side of 18)	38°21'28.12"N	94° 0'50.46"W
P & 230	15	Southwest Intersection of Hwy P and co. rd. 230	38°20'17.94"N	93°57'1.10"W
P & 350	16	Northwest of HWY P and co. rd. 350	38°19'11.95"N	93°55'57.45"W
NHR	17	co. rd 350 North of the Montrose Coal Ash Landfill	38°18'48.96"N	93°56'31.72"W
MLUF	18	Montrose Lake Water Sample - Unfiltered	38°18'33.62"N	93°56'47.89"W
MLF	19	Montrose Lake Water Sample - Filtered	38°18'33.62"N	93°56'47.89"W
MLS	20	Montrose Lake Sediment Sample	38°18'33.62"N	93°56'47.89"W
ASH	21	Ash Sample from Montrose Coal Ash Landfill	38°18'43.61"N	93°56'32.70"W
DCUF	22	Deepwater Creek - Unfiltered	38°18'23.06"N	93°53'56.15"W
DCF	23	Deepwater Creek - Filtered	38°18'23.06"N	93°53'56.15"W
TLI	24	Truman Lake - Unfiltered	38°17'49.66"N	93°43'32.80"W
TLI-F	25	Truman Lake - Filtered	38°17'49.66"N	93°43'32.80"W

4.1 General Sampling Protocol

Soil, sediment, and surface water samples were collected and placed in laboratory supplied containers specific to the test methods and the analytes requested. Collected samples were labeled and placed in in a cooler maintained within the proper method temperatures and delivered to an analytical laboratory for analysis each day after sampling. Standard chain-

of-custody procedures were followed, and the chain of custody accompanied the samples at all times. All samples were collected using disposable nitrile gloves, and standard decontamination procedures were followed for sampling equipment between sample collections (when applicable). When possible, all sampling was conducted using dedicated single use sampling equipment to prevent cross-contamination between sampling locations. Sampling took place on March 10 and March 11, 2025.

4.2 Soil Sampling

Soil samples were collected from the upper 0 to 2 inches when possible and up to 4 inches utilizing single use stainless steel trowels and placed in single use stainless steel bowls.

Organic matter such as grass and twigs were removed as well as any rocks present in the sample. The sample was homogenized (mixed) prior to filling the appropriate sample container(s) directly from the bowl. After homogenization and Sunbelt sample collection, other on-site parties collected duplicate samples from the same homogenized sample.

Samples collected from stormwater drainage ditches were collected by composite sampling techniques. Five to ten aliquots of soil were collected along a 30' linear area for each composite prior to homogenizing the sample as described above. After homogenization and Sunbelt sample collection, other on-site parties collected duplicate samples from the same homogenized sample. Soil samples that deviated from the 30' linear area were as follows:

- Davis school ditch was collected over a 150' linear area with 10 aliquots at 10' intervals.
- Clinton Christian Academy was collected over 80' linear area with 5 aliquots at 16' intervals.
- The composite sample from HWY K and HWY 18 was collected over 2-30' linear areas with a total of 4 aliquots from HWY K and 4 aliquots from HWY 18.

Samples collected from the downspouts from the Davis and Montrose school roofs were collected by composite sampling techniques. Four aliquots were collected from Davis school and five aliquots were collected from Montrose school at accessible downspout locations and was homogenized as described above. After homogenization and Sunbelt sample collection, other on-site parties collected duplicate samples from the same homogenized sample.

Samples collected from two Davis school yards were collected by composite sampling techniques. Five aliquots were collected from around the perimeter of the east playground and five aliquots were collected from around the interior of the track. A discrete sample was collected from the west playground area. Please see Figure 2 for Davis School sampling locations.

4.3 Sediment Sampling

Sediment samples were collected in shallow water near the outfall from the Montrose Coal Ash Landfill utilizing an Arts Machine Shop - Sand/Loose Sediment Probe. The sampler is pushed into the sediment and a sample collected via a “core catcher” installed on the tip of the sampler. The sample was contained within an acetate liner. The collected sediment sample was emptied into a stainless-steel bowl, with any organic matter such as grass/twigs/rocks removed prior to homogenization. The samples are then divided for collection of split samples and placed in the laboratory supplied containers.

4.4 Surface Water Sampling

Surface water samples were collected by lowering a single use bailer into the water and retrieving a sample. The sample was decanted directly from the bailer into the appropriate laboratory supplied container(s). One surface water sample from each location was filtered to remove sediments and one sample unfiltered to provide a comparison of results. Everygy and MDNR personnel provided their own sample containers for Sunbelt to fill. The containers were filled with water and given back to the respective parties.

Surface water samples were collected from Montrose Lake near the outfall from the Montrose Coal Ash Landfill, Deepwater Creek (approximately 1 mile downstream from the Montrose Dam), and Truman Lake – near a Truman Water District intake.

All water samples were measured in the field for pH, specific conductivity, oxidation reduction potential, temperature, dissolved oxygen, and barometric pressure at the time of sample collection.

4.5 Quality Assurance Sample Collection

Field blanks and duplicates are treated and processed in the same manner as the samples they are submitted with. Within the laboratory, they are processed and analyzed following the same methodology as the samples within that analytical batch.

Field blanks provide an additional level of information to assess the conditions of samples in the field, during transportation and any potential impacts during processing in the laboratory. They are often used to assess any introduction of contamination to sample results.

Field Blank Samples

Field Blanks are supplied by the laboratory and prepared in the field by filling a container with analyte-free water. This sample determines if the field or transporting environments have contaminated the samples. One field blank sample was collected to accompany the water samples.

Blind Duplicate Samples

A Blind Duplicate is a second sample collected at the same time and location, under the same conditions and submitted in separate containers. The samples were homogenized. Samples were submitted to the laboratory without identifying them as duplicates. One blind duplicate was collected at the Davis East Playground location.

Temperature Blank Samples - A temperature blank is a container of water shipped with each cooler of samples requiring preservation by cooling to a minimum of 6°C (ice). The temperature of the blank is measured at the time of sample receipt by the laboratory. No analysis is conducted at the laboratory on the temperature blank.

4.6 Analytical Methods

Surface water samples were transported to the laboratory for analysis of the following COCs:

- Environmental Protection Agency (EPA) Method M3500-Cr B for Hexavalent Chromium (Dissolved)
- EPA Method E245.1 for Mercury
- EPA Method 200.7 for total Metals (Lead, Arsenic, Boron, Cobalt, Sulfate, Mercury, Barium, Cadmium, Chromium, Lithium, Silver, and Selenium) by Inductively Coupled Plasma (ICP)
- EPA Method 903/904 for Radium 226/228,
- EPA method SW9056A for Sulfate Anions by Ion Chromatography (IC)

Soil and sediment samples were transported to the laboratory for analysis of the following COCs;

- EPA method SW7196A for Hexavalent Chromium
- EPA Method SW7471B for Mercury
- EPA Method SW6010B for Total Metals (Lead, Arsenic, Boron, Cobalt, Sulfate, Mercury, Barium, Cadmium, Chromium, Lithium, Silver, and Selenium) by ICP
- EPA Method 903/904 Radium 226/228
- EPA method SW-846 9056A for Sulfate Anions by IC

Samples were delivered to Teklab, Inc. in Olathe, KS by Sunbelt personnel, for analysis and reporting under requirements of Level IV analysis and data package. A Level IV data package is a comprehensive report that allows a data validator to evaluate analytical data and determine usability, including analytical data results, quality control, and sample handling information. Note that Sunbelt's scope of work does not include data validation activities. The report provides documentation of the sample collection activities and analytical results.

5.0 CONCLUSIONS

The scope and purpose of this sampling event was for screening purposes only, no risk assessment nor characterization of contamination concentrations were performed. No attempt to establish background concentrations of contaminants of concern (COCs) were made during this sampling event.

Soil and sediment samples were compared to EPA Region 7 Regional Screening Levels (RSLs) for Residential Soil. Water samples were compared to EPA Region 7 RSLs for Tap Water.

Hexavalent chromium was found above EPA Region 7 RSLs for residential soil from the Davis School track, the Davis School Downspouts, and the stormwater ditch from HWY P and Co. Rd. 350. Six of the eighteen soil samples had laboratory reporting limits above the EPA Region 7 RSLs.

Arsenic and cobalt were found above EPA Region 7 RSLs for residential soil in each soil and sediment sample. All arsenic concentrations were below the USGS Soil Background Averages for Henry County, Missouri. All Cobalt concentrations were within the range of the USGS Soil Background concentrations for Henry County, Missouri.

Lithium and Cadmium concentrations which exceeded RSLs were within the range of the USGS Soil Background concentrations for Henry County, Missouri.

Radium results were compared to 40 CFR 192.12 Subpart B; which is 5 picoCuries per gram (pCi/g) for soil and 5 picoCuries per Liter (pCi/L) for water. No radium results were found to be above 40 CFR 192.12 Subpart B for soil or water.

Hexavalent chromium was found above EPA Region 7 RSLs for tap water from; Montrose lake (filtered and unfiltered), Deepwater creek (filtered and unfiltered), Truman Lake Intake (filtered and unfiltered).

All water samples analyzed for mercury, cadmium, cobalt lithium, selenium had reporting limits which were above the EPA region 7 RSLs.



	Henry County Sampling Event Henry County, Missouri	Prepared By:	Date:	Drawn By:	Date:	Sample Location Map			
		P. Wilkerson	5/2/2025	P. Wilkerson	5/2/2025				
		Checked By:	Date:	Drawing File:		Project No.:	Scale:	Drawing No.:	
		N. Farrar	5/2/2025	Z:\Consulting\noncaseys\henrycounty\figures		C19775	On Map	Figure 1	



 SUNBELT ENVIRONMENTAL SERVICES, INC. 621 N. Prince Lane Springfield, MO 65802 417-831-5052 - sunbeltenv.com	Henry County Sampling Event Henry County, Missouri	Prepared By:	Date:	Drawn By:	Date:	Sample Location Map - Davis School			
		P. Wilkerson	5/2/2025	P. Wilkerson	5/2/2025				
		Checked By:	Date:	Drawing File:			Project No.:	Scale:	Drawing No.:
		N. Farrar	5/2/2025	Z:\Consulting\noncaseys\henrycounty\figures			C19775	On Map	Figure 2

Sample ID	Sample Location	Sample Type	Sample Date	Chromium (VI)	Mercury	Arsenic	Barium	Boron	Cadmium	Chromium (Total)	Cobalt	Lead	Lithium	Selenium	Silver	Sulfate	pH	DO (mg/L)	ORP	Temp (celsius)	Specific Conductivity	Barometric Pressure
Reporting Units (Converted from ug/L to mg/L)				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	NA	mg/L	Mv	C	µS/cm	mbar
EPA Region 7 - Regional Screening Level (RSL)		Tap Water - THQ=0.1		1.10E-04	6.30E-05	5.20E-05	3.80E-01	4.00E-01	1.80E-04	NA	6.00E-04	1.00E-02	4.00E-03	1.00E-02	9.40E-03	NA	NA	NA	NA	NA	NA	NA
MLUF	Montrose Lake	Unfiltered	3/11/2025	1.20E-03	<0.00020	2.00E-03	7.30E-02	3.41E-02	<0.0018	<0.0050	<0.0050	<0.0100	<0.0500	<0.0400	<0.0070	8.24E+01	7.1	12.4	463	13	355	768
MLF	Montrose Lake	Filtered	3/11/2025	1.00E-03	<0.00020	1.00E-03	4.60E-02	3.56E-02	<0.0018	<0.0050	<0.0050	<0.0100	<0.0500	<0.0400	<0.0070	8.39E+01						
DCUF	Deepwater Creek	Unfiltered	3/11/2025	1.00E-03	<0.00020	1.60E-03	7.82E-02	4.99E-02	<0.0018	<0.0050	<0.0050	<0.0100	<0.0500	<0.0400	<0.0070	1.38E+02	6.65	8.6	470	17.5	472	766
DCF	Deepwater Creek	Filtered	3/11/2025	1.20E-03	<0.00020	9.00E-04	6.43E-02	4.80E-02	<0.0018	<0.0050	<0.0050	<0.0100	<0.0500	<0.0400	<0.0070	1.37E+02						
TLI	Truman Lake Intake	Unfiltered	3/11/2025	1.20E-03	<0.00020	1.70E-03	7.93E-02	2.35E-02	<0.0018	<0.0050	<0.0050	<0.0100	<0.0500	<0.0400	<0.0070	4.16E+01	7.68	12.15	431.8	14.7	351.8	766
TLI-F	Truman Lake Intake	Filtered	3/11/2025	1.20E-03	<0.00020	1.10E-03	6.54E-02	2.46E-02	<0.0018	<0.0050	<0.0050	<0.0100	<0.0500	<0.0400	<0.0070	4.18E+01						
Field Blank	Truman Lake Boat Ramp	Unfiltered	3/11/2025	<0.0050	<0.00020	<0.0004	<0.0025	<0.0200	<0.0018	<0.0050	<0.0050	<0.0100	<0.0500	<0.0400	<0.0070	<10.0	NA	NA	NA	NA	NA	NA
Reporting Units (Converted from ug/L to mg/L)				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	NA	mg/L	Mv	C	µS/cm	mbar

Red indicates reporting limit (RL) above target regional screening level (RSL).

Sample ID	Sample Location	Sample Type	Sample Date	Chromium (VI)	Mercury	Arsenic	Barium	Boron	Cadmium	Chromium (Total)	Cobalt	Lead	Lithium	Selenium	Silver	Sulfate
Reporting Units				mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
EPA Region 7 - Regional Screening Level (RSL)		Resident Soil - THQ=0.1		9.50E-01	7.10E-01	6.80E-01	1.50E+03	1.60E+03	7.10E-01	NA	2.30E+00	2.00E+02	1.60E+01	3.90E+01	3.90E+01	NA
MSD	Montrose Elementary School - Road Ditch	Composite	3/10/2025	<0.6864	3.10E-02	9.86E+00	1.66E+02	2.96E+00	5.20E-01	2.19E+01	9.35E+00	4.54E+01	8.84E+00	<4.00	<0.50	<64.7
MSR	Montrose Elementary School - Roof	Composite	3/10/2025	<0.1310	3.40E-02	7.39E+00	1.80E+02	3.19E+00	2.90E-01	1.84E+01	1.54E+01	2.09E+01	1.23E+01	<3.92	<0.49	<60.7
650 & 851	Road Ditch	Composite	3/10/2025	<1.337	1.60E-02	3.77E+00	1.07E+02	2.15E+00	<0.20	1.42E+01	5.27E+00	1.02E+01	9.24E+00	<4.00	<0.50	<60.4
601 & T	Road Ditch	Composite	3/10/2025	<0.1475	3.30E-02	3.40E+00	1.14E+02	3.12E+00	2.50E-01	1.44E+01	4.83E+00	1.23E+01	9.21E+00	<3.92	<0.49	<73.3
250 & 651	Road Ditch	Composite	3/10/2025	<0.0651	2.50E-02	4.83E+00	1.66E+02	2.96E+00	2.20E-01	2.23E+01	6.42E+00	1.37E+01	1.52E+01	<3.85	<0.48	1.15E+02
DSD	Davis School - Ditch	Composite	3/10/2025	<0.7396	3.00E-02	6.98E+00	1.05E+02	3.00E+00	4.10E-01	1.70E+01	6.39E+00	1.80E+01	8.75E+00	<3.77	<0.47	<69.2
DEP	Davis School - East Playground	Composite	3/10/2025	<0.06780	2.90E-02	1.08E+01	1.35E+02	2.75E+00	4.90E-01	2.76E+01	1.25E+01	1.77E+01	7.66E+00	<3.92	<0.49	<62.3
DWP	Davis School - West Playground	Grab	3/10/2025	<7.020	2.80E-02	7.76E+00	1.52E+02	2.76E+00	3.30E-01	2.22E+01	7.17E+00	2.03E+01	1.14E+01	<3.77	<0.47	<64.7
DST	Davis School - Track	Composite	3/10/2025	1.14E+01	2.30E-02	6.54E+00	1.32E+02	2.66E+00	3.10E-01	1.74E+01	6.13E+00	1.76E+01	9.10E+00	<3.70	<0.46	<69.3
DSW	Davis School - West Playground	Duplicate	3/10/2025	<0.7003	2.30E-02	7.39E+00	1.22E+02	2.68E+00	2.50E-01	1.70E+01	5.45E+00	1.77E+01	8.42E+00	<3.77	<0.47	<69.5
DSR	Davis School - Roof (downspouts)	Composite	3/10/2025	3.23E+00	4.90E-02	7.66E+00	1.14E+02	4.84E+00	5.40E-01	2.22E+01	6.83E+00	3.50E+01	1.06E+01	<3.85	<0.48	<69.3
CCAD	Cinton Christian Academy - Ditch	Composite	3/11/2025	<8.412	<0.017	3.67E+00	8.27E+01	4.17E+00	3.30E-01	1.46E+01	6.36E+00	2.86E+01	8.99E+00	<3.77	<0.47	<83.1
18 & 901	Road Ditch	Composite	3/11/2025	<6.932	1.90E-02	6.22E+00	1.78E+02	4.51E+00	2.60E-01	2.18E+01	1.26E+01	1.76E+01	1.74E+01	<4.00	<0.50	<68.6
K & 18	Road Ditch	Composite	3/11/2025	<8.270	3.00E-02	6.60E+00	1.60E+02	5.18E+00	4.70E-01	2.14E+01	9.48E+00	3.87E+01	1.26E+01	<3.70	<0.46	<77.3
P & 230	Road Ditch	Composite	3/11/2025	<7.999	2.50E-02	8.58E+00	2.07E+02	3.11E+00	6.20E-01	2.89E+01	2.21E+01	2.08E+01	1.79E+01	<3.85	<0.48	<79.3
P & 350	Road Ditch	Composite	3/11/2025	1.14E+01	2.50E-02	5.53E+00	1.87E+02	4.86E+00	3.60E-01	1.70E+01	5.71E+00	1.63E+01	9.67E+00	<3.85	<0.48	<62.0
NHR	Evergy Landfill - North Haul Road	Composite	3/11/2025	<0.8458	2.70E-02	4.04E+00	1.49E+02	1.14E+01	1.52E+00	1.18E+01	4.88E+00	2.88E+01	6.98E+00	<4.00	<0.50	3.05E+02
MLS	Montrose Lake - Sediment	Composite	3/11/2025	<0.7022	2.00E-02	1.07E+01	1.60E+02	7.21E+00	2.05E+00	2.05E+01	1.52E+01	2.50E+01	1.01E+01	<3.58	<0.48	7.74E+02
USGS Soil Background Averages - Henry County				NA	2.81E-02	1.13E+01	5.48E+02	3.15E+01	1.01E+00	6.94E+01	1.24E+01	2.40E+01	2.87E+01	7.20E-01	0.00E+00	NA
Reporting Units				mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Red indicates reporting limit (RL) above target regional screening level (RSL).

Sample ID	Lab ID	Sample Location	Sample Type	Sample Date	Radium 226	Radium 228
Reporting Units					pCi/g	pCi/g
Health Based Standard 40 CFR 192.12 Subpart B		Surface Soils			5 pCi/g	5 pCi/g
MSD	25031295-001	Montrose Elementary School - Road Ditch	Composite	3/10/2025	<1.38	<2.76
MSR	25031295-002	Montrose Elementary School - Roof (downspouts)	Composite	3/10/2025	<1.40	<2.79
650 & 851	25031295-003	Road Ditch	Composite	3/10/2025	<1.38	<2.75
601 & T	25031295-004	Road Ditch	Composite	3/10/2025	<1.49	<2.98
250 & 651	25031295-005	Road Ditch	Composite	3/10/2025	<1.46	<2.93
DSD	25031295-006	Davis School - Ditch	Composite	3/10/2025	<1.45	<2.91
DEP	25031295-007	Davis School - East Playground	Composite	3/10/2025	<1.44	<2.87
DWP	25031295-008	Davis School - West Playground	Grab	3/10/2025	<1.36	<2.72
DST	25031295-009	Davis School - Track	Composite	3/10/2025	<1.39	<2.78
DSW	25031295-010	Davis School - Duplicate	Composite	3/10/2025	<1.44	<2.89
DSR	25031302-001	Davis School - Roof (downspouts)	Composite	3/10/2025	<1.55	<3.10
CCAD	25031302-002	Clinton Christian Academy - Ditch	Composite	3/11/2025	<1.55	<3.09
18 & 901	25031302-003	Road Ditch	Composite	3/11/2025	<1.37	<2.74
K & 18	25031302-004	Road Ditch	Composite	3/11/2025	<1.60	<3.20
P & 230	25031302-005	Road Ditch	Composite	3/11/2025	<1.66	<3.32
P & 350	25031302-006	Road Ditch	Composite	3/11/2025	<1.55	<3.11
NHR	25031302-007	Evergy Landfill - North Haul Road	Composite	3/11/2025	<1.25	<2.50
MLS	25031302-010	Montrose Lake - Sediment	Composite	3/11/2025	<1.41	<2.82
Reporting Units					pCi/g	pCi/g

Red indicates reporting limit (RL) above target regional screening level (RSL).

Sample ID	Lab ID	Sample Location	Sample Type	Sample Date	Radium 226	Radium 228
Reporting Units					pCi/L	pCi/L
EPA Maximum Contaminant Level (MCL) for Community Water Systems		MCL - Radium 226/228 Combined			5 pCi/L	
MLUF	25031302-008	Montrose Lake	Filtered	3/11/2025	<1.00	<1.00
MLF	25031302-009	Montrose Lake	Unfiltered	3/11/2025	<1.00	<1.00
DCUF	25031302-012	Deepwater Creek	Filtered	3/11/2025	<1.00	<1.00
DCF	25031302-013	Deepwater Creek	Unfiltered	3/11/2025	<1.00	<1.00
TLI	25031302-014	Truman Lake Intake	Unfiltered	3/11/2025	<1.00	<1.00
TLI-F	25031302-015	Truman Lake Intake	Filtered	3/11/2025	<1.00	<1.00
Field Blank	25031302-016	NA	Blank	3/11/2025	<1.00	<1.00
Reporting Units					pCi/L	pCi/L

Red indicates reporting limit (RL) above target regional screening level (RSL).

county	Boron ug/G	Barium ug/G	Cobalt ug/G	Chromium ug/G	Lead ug/G	Arsenic ug/G	Mercury ng/G	Lithium ug/G	Selenium ug/G	Silver ug/G	Cadmium
HENRY	30	1500	15	100	20	0	0	0	0	0	0
HENRY	50	500	7	50	20	0	0	0	0	0	0
HENRY	30	500	15	70	20	11	40	30	0.6	0	1
HENRY	30	700	10	70	20	9.3	20	23	0.7	0	1
HENRY	30	500	7	50	15	8.1	70	25	1	0	1
HENRY	30	700	15	70	30	11	30	25	0.2	0	1
HENRY	30	700	20	70	30	13	40	28	2	0	1
HENRY	30	700	10	70	30	12	30	27	0.9	0	1
HENRY	30	700	10	70	15	10	40	19	0.4	0	1
HENRY	30	700	10	70	20	16	30	24	2.7	0	1
HENRY	30	500	7	50	15	10	10	19	0.4	0	1
HENRY	30	500	10	70	15	12	60	22	0.4	0	1
HENRY	30	700	10	70	30	10	20	38	1.7	0	1
HENRY	30	300	10	30	20	7.1	10	20	0.2	0	1
HENRY	20	200	5	50	15	9.5	10	29	0.2	0	1
HENRY	50	300	7	70	15	8.6	10	16	0.3	0	1
HENRY	30	700	30	70	30	17	20	45	0.5	0	1
HENRY	30	700	15	70	20	8.8	20	39	0.4	0	1
HENRY	30	300	7	70	15	9.6	40	33	0.3	0	1
HENRY	30	700	7	50	20	10	40	30	0.1	0	1
HENRY	30	500	20	70	30	19	50	51	0.1	0	1
HENRY	0	300	7	70	15	8.7	10	26	0.1	0	1
HENRY	30	300	7	70	20	11	10	31	0.2	0	1
HENRY	50	500	7	50	20	12	10	23	0.5	0	1
HENRY	50	700	10	100	30	9.6	10	30	1	0	1
HENRY	30	300	7	70	15	10	10	30	0.3	0	1
HENRY	30	300	7	70	20	13	20	36	0.2	0	1
HENRY	30	500	15	70	30	14	10	38	1.2	0	1
HENRY	30	700	7	70	20	7.9	20	27	0.7	0	1
HENRY	30	300	7	50	15	7	20	17	0.3	0	1
HENRY	20	300	30	70	20	15	40	44	0.7	0	1
HENRY	50	700	20	70	50	14	20	30	1	0	1
HENRY	30	300	7	70	20	19	10	28	1.2	0	1
HENRY	30	700	30	100	30	30	10	43	1	0	1
HENRY	30	500	3	100	15	9.1	10	37	1	0	1
HENRY	30	700	15	100	20	12	50	52	2	0	1
HENRY	30	700	15	100	20	13	60	50	2	0	1
HENRY	30	300	15	70	30	14	60	51	1.07	0	1
HENRY	30	700	50	70	30	15	10	45	0.608	0	1
HENRY	30	500	7	70	20	11	10	29	0.768	0	1
HENRY	30	300	10	70	20	14	10	42	0.586	0	1
HENRY	30	300	10	50	30	12	10	27	0.875	0	1
HENRY	30	300	7	50	15	9.6	10	28	1.04	0	1
HENRY	30	300	30	50	20	9.3	20	30	0.257	0	1
HENRY	50	700	20	70	30	12	10	21	0.42	0	1
HENRY	50	500	5	100	10	8.4	10	23	0.344	0	1
HENRY	30	700	7	70	30	9.3	40	16	0.536	0	1
HENRY	30	700	7	70	100	12	30	17	0.573	0	1
HENRY	50	700	10	70	30	9.9	140	22	1.16	0	2
HENRY	20	700	7	70	30	12	30	17	0.665	0	1
HENRY	20	700	10	70	20	12	30	16	0.725	0	1
HENRY	20	700	10	70	30	10	130	23	1.24	0	2.5
Averages	Boron ug/G	Barium ug/G	Cobalt ug/G	Chromium ug/G	Lead ug/G	Arsenic ug/G	Mercury ng/G	Lithium ug/G	Selenium ug/G	Silver ug/G	Cadmium
Averages	31.54	548.08	12.42	69.42	24.04	11.30	28.08	28.69	0.72	0.00	1.01

April 07, 2025

Paul Wilkerson
Sunbelt Environmental Services
621 N. Prince Lane
Springfield, MO 65802
TEL: (417) 831-5052
FAX: (417) 831-6258



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Henry County

WorkOrder: 25031016

Dear Paul Wilkerson:

TEKLAB, INC received 10 samples on 3/12/2025 12:29:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

This reporting package includes the following:

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Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Cooler Receipt Temp: 4.1 °C

Ra226/228 analyses were performed by Alliance Technical Group. See attached report for results and QC.

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

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Phone (618) 344-1004
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Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

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Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Client: Sunbelt Environmental Services**Work Order:** 25031016**Client Project:** Henry County**Report Date:** 07-Apr-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-001

Client Sample ID: MSD

Matrix: SOLID

Collection Date: 03/10/2025 10:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		27.8	%	1	03/13/2025 11:52	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.2746	0.6864	R	< 0.6864	mg/Kg-dry	50	03/14/2025 15:28	235951
RPD for MS/MSD was outside control limits due to sample composition.									
Elevated reporting limit due to sample composition.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	12.9	64.7		ND	mg/Kg-dry	1	03/14/2025 12:59	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.97	2.50		9.86	mg/Kg-dry	1	03/20/2025 8:32	236226
Barium	NELAP	0.17	0.50		166	mg/Kg-dry	1	03/20/2025 8:32	236226
Boron	NELAP	0.86	2.00		2.96	mg/Kg-dry	1	03/20/2025 8:32	236226
Cadmium	NELAP	0.05	0.20		0.52	mg/Kg-dry	1	03/20/2025 8:32	236226
Chromium	NELAP	0.23	0.50		21.9	mg/Kg-dry	1	03/20/2025 8:32	236226
Cobalt	NELAP	0.32	0.50		9.35	mg/Kg-dry	1	03/20/2025 8:32	236226
Lead	NELAP	0.59	1.50		45.4	mg/Kg-dry	1	03/20/2025 8:32	236226
Lithium	NELAP	0.15	0.50		8.84	mg/Kg-dry	1	03/20/2025 8:32	236226
Selenium	NELAP	1.68	4.00		< 4.00	mg/Kg-dry	1	03/20/2025 8:32	236226
Silver	NELAP	0.11	0.50		< 0.50	mg/Kg-dry	1	03/20/2025 8:32	236226
SW-846 7471B									
Mercury	NELAP	0.006	0.013		0.031	mg/Kg-dry	1	03/14/2025 12:47	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-002

Client Sample ID: MSR

Matrix: SOLID

Collection Date: 03/10/2025 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		23.8	%	1	03/13/2025 11:51	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.0524	0.1310		< 0.1310	mg/Kg-dry	10	03/14/2025 15:30	235951
<i>Results of the matrix spike have less certainty because value exceeds upper quantitation limits. Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	12.1	60.7		ND	mg/Kg-dry	1	03/14/2025 13:11	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.95	2.45		7.39	mg/Kg-dry	1	03/20/2025 8:34	236226
Barium	NELAP	0.17	0.49		180	mg/Kg-dry	1	03/20/2025 8:34	236226
Boron	NELAP	0.84	1.96		3.19	mg/Kg-dry	1	03/20/2025 8:34	236226
Cadmium	NELAP	0.05	0.20		0.29	mg/Kg-dry	1	03/20/2025 8:34	236226
Chromium	NELAP	0.23	0.49		18.4	mg/Kg-dry	1	03/20/2025 8:34	236226
Cobalt	NELAP	0.31	0.49		15.4	mg/Kg-dry	1	03/20/2025 8:34	236226
Lead	NELAP	0.58	1.47		20.9	mg/Kg-dry	1	03/20/2025 8:34	236226
Lithium	NELAP	0.15	0.49		12.3	mg/Kg-dry	1	03/20/2025 8:34	236226
Selenium	NELAP	1.65	3.92		< 3.92	mg/Kg-dry	1	03/20/2025 8:34	236226
Silver	NELAP	0.11	0.49		< 0.49	mg/Kg-dry	1	03/20/2025 8:34	236226
SW-846 7471B									
Mercury	NELAP	0.006	0.013		0.034	mg/Kg-dry	1	03/14/2025 12:49	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-003

Client Sample ID: 650 & 851

Matrix: SOLID

Collection Date: 03/10/2025 12:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		25.5	%	1	03/13/2025 11:51	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.5348	1.337	S	< 1.337	mg/Kg-dry	100	03/14/2025 16:58	235951
<i>Results of the matrix spike have less certainty because value exceeds upper quantitation limits.</i>									
<i>Matrix spike did not recover within control limits due to sample composition.</i>									
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	12.1	60.4		ND	mg/Kg-dry	1	03/14/2025 13:22	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.97	2.50		3.77	mg/Kg-dry	1	03/20/2025 8:35	236226
Barium	NELAP	0.17	0.50		107	mg/Kg-dry	1	03/20/2025 8:35	236226
Boron	NELAP	0.86	2.00		2.15	mg/Kg-dry	1	03/20/2025 8:35	236226
Cadmium	NELAP	0.05	0.20		< 0.20	mg/Kg-dry	1	03/20/2025 8:35	236226
Chromium	NELAP	0.23	0.50		14.2	mg/Kg-dry	1	03/20/2025 8:35	236226
Cobalt	NELAP	0.32	0.50		5.27	mg/Kg-dry	1	03/20/2025 8:35	236226
Lead	NELAP	0.59	1.50		10.2	mg/Kg-dry	1	03/20/2025 8:35	236226
Lithium	NELAP	0.15	0.50		9.24	mg/Kg-dry	1	03/20/2025 8:35	236226
Selenium	NELAP	1.68	4.00		< 4.00	mg/Kg-dry	1	03/20/2025 8:35	236226
Silver	NELAP	0.11	0.50		< 0.50	mg/Kg-dry	1	03/20/2025 8:35	236226
SW-846 7471B									
Mercury	NELAP	0.006	0.013		0.016	mg/Kg-dry	1	03/14/2025 12:51	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-004

Client Sample ID: 601 & T

Matrix: SOLID

Collection Date: 03/10/2025 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		33.1	%	1	03/13/2025 11:47	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.0590	0.1475		< 0.1475	mg/Kg-dry	10	03/14/2025 15:34	235951
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	14.7	73.3		ND	mg/Kg-dry	1	03/14/2025 13:34	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.95	2.45		3.40	mg/Kg-dry	1	03/20/2025 16:17	236226
Barium	NELAP	0.17	0.49		114	mg/Kg-dry	1	03/20/2025 8:37	236226
Boron	NELAP	0.84	1.96		3.12	mg/Kg-dry	1	03/20/2025 8:37	236226
Cadmium	NELAP	0.05	0.20		0.25	mg/Kg-dry	1	03/20/2025 8:37	236226
Chromium	NELAP	0.23	0.49		14.4	mg/Kg-dry	1	03/20/2025 8:37	236226
Cobalt	NELAP	0.31	0.49		4.83	mg/Kg-dry	1	03/20/2025 8:37	236226
Lead	NELAP	0.58	1.47		12.3	mg/Kg-dry	1	03/20/2025 8:37	236226
Lithium	NELAP	0.15	0.49		9.21	mg/Kg-dry	1	03/20/2025 8:37	236226
Selenium	NELAP	1.65	3.92		< 3.92	mg/Kg-dry	1	03/20/2025 8:37	236226
Silver	NELAP	0.11	0.49		< 0.49	mg/Kg-dry	1	03/20/2025 8:37	236226
SW-846 7471B									
Mercury	NELAP	0.007	0.015		0.033	mg/Kg-dry	1	03/14/2025 12:54	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-005

Client Sample ID: 250 & 651

Matrix: SOLID

Collection Date: 03/10/2025 13:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		31.2	%	1	03/13/2025 11:48	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.0260	0.0651		< 0.0651	mg/Kg-dry	5	03/14/2025 15:37	235951
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	14.5	72.7		115	mg/Kg-dry	1	03/14/2025 13:46	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.93	2.40		4.83	mg/Kg-dry	1	03/20/2025 9:45	236226
Barium	NELAP	0.16	0.48		166	mg/Kg-dry	1	03/20/2025 9:45	236226
Boron	NELAP	0.80	1.85	S	2.96	mg/Kg-dry	1	03/24/2025 10:30	236391
Cadmium	NELAP	0.05	0.19		0.22	mg/Kg-dry	1	03/20/2025 9:45	236226
Chromium	NELAP	0.22	0.48		22.3	mg/Kg-dry	1	03/20/2025 9:45	236226
Cobalt	NELAP	0.31	0.48		6.42	mg/Kg-dry	1	03/20/2025 9:45	236226
Lead	NELAP	0.57	1.44		13.7	mg/Kg-dry	1	03/20/2025 9:45	236226
Lithium	NELAP	0.14	0.48		15.2	mg/Kg-dry	1	03/20/2025 9:45	236226
Selenium	NELAP	1.62	3.85		< 3.85	mg/Kg-dry	1	03/20/2025 9:45	236226
Silver	NELAP	0.11	0.48		< 0.48	mg/Kg-dry	1	03/20/2025 9:45	236226
<i>Matrix spike did not recover within control limits due to sample composition. Verified by re-prep and re-analysis.</i>									
SW-846 7471B									
Mercury	NELAP	0.006	0.014		0.025	mg/Kg-dry	1	03/14/2025 12:56	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-006

Client Sample ID: DSD

Matrix: SOLID

Collection Date: 03/10/2025 13:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		32.5	%	1	03/13/2025 11:48	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.2959	0.7396		< 0.7396	mg/Kg-dry	50	03/14/2025 15:38	235951
<i>Results of the matrix spike have less certainty because value exceeds upper quantitation limits. Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	13.8	69.2		ND	mg/Kg-dry	1	03/14/2025 13:57	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.92	2.36		6.98	mg/Kg-dry	1	03/20/2025 9:51	236226
Barium	NELAP	0.16	0.47		105	mg/Kg-dry	1	03/20/2025 9:51	236226
Boron	NELAP	0.81	1.89		3.00	mg/Kg-dry	1	03/20/2025 9:51	236226
Cadmium	NELAP	0.05	0.19		0.41	mg/Kg-dry	1	03/20/2025 9:51	236226
Chromium	NELAP	0.22	0.47		17.0	mg/Kg-dry	1	03/20/2025 9:51	236226
Cobalt	NELAP	0.30	0.47		6.39	mg/Kg-dry	1	03/20/2025 9:51	236226
Lead	NELAP	0.56	1.42		18.0	mg/Kg-dry	1	03/20/2025 9:51	236226
Lithium	NELAP	0.14	0.47		8.75	mg/Kg-dry	1	03/20/2025 9:51	236226
Selenium	NELAP	1.58	3.77		< 3.77	mg/Kg-dry	1	03/20/2025 9:51	236226
Silver	NELAP	0.10	0.47		< 0.47	mg/Kg-dry	1	03/20/2025 9:51	236226
SW-846 7471B									
Mercury	NELAP	0.006	0.014		0.030	mg/Kg-dry	1	03/14/2025 12:58	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-007

Client Sample ID: DEP

Matrix: SOLID

Collection Date: 03/10/2025 14:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		27.1	%	1	03/13/2025 11:49	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.2712	0.6780	S	< 0.6780	mg/Kg-dry	50	03/14/2025 15:41	235951
<i>Matrix spike did not recover within control limits due to sample composition.</i>									
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	12.5	62.3		ND	mg/Kg-dry	1	03/14/2025 14:44	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.95	2.45		10.8	mg/Kg-dry	1	03/20/2025 9:52	236226
Barium	NELAP	0.17	0.49		135	mg/Kg-dry	1	03/20/2025 9:52	236226
Boron	NELAP	0.84	1.96		2.75	mg/Kg-dry	1	03/20/2025 9:52	236226
Cadmium	NELAP	0.05	0.20		0.49	mg/Kg-dry	1	03/20/2025 9:52	236226
Chromium	NELAP	0.23	0.49		27.6	mg/Kg-dry	1	03/20/2025 9:52	236226
Cobalt	NELAP	0.31	0.49		12.5	mg/Kg-dry	1	03/20/2025 9:52	236226
Lead	NELAP	0.58	1.47		17.7	mg/Kg-dry	1	03/20/2025 9:52	236226
Lithium	NELAP	0.15	0.49		7.66	mg/Kg-dry	1	03/20/2025 9:52	236226
Selenium	NELAP	1.65	3.92		< 3.92	mg/Kg-dry	1	03/20/2025 9:52	236226
Silver	NELAP	0.11	0.49		< 0.49	mg/Kg-dry	1	03/20/2025 9:52	236226
SW-846 7471B									
Mercury	NELAP	0.006	0.013		0.029	mg/Kg-dry	1	03/14/2025 13:18	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-008

Client Sample ID: DWP

Matrix: SOLID

Collection Date: 03/10/2025 15:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		29.1	%	1	03/13/2025 11:48	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	2.808	7.020		< 7.020	mg/Kg-dry	500	03/26/2025 12:41	236529
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	12.9	64.7		ND	mg/Kg-dry	1	03/14/2025 15:19	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.92	2.36		7.76	mg/Kg-dry	1	03/20/2025 9:54	236226
Barium	NELAP	0.16	0.47		152	mg/Kg-dry	1	03/20/2025 9:54	236226
Boron	NELAP	0.81	1.89		2.76	mg/Kg-dry	1	03/20/2025 9:54	236226
Cadmium	NELAP	0.05	0.19		0.33	mg/Kg-dry	1	03/20/2025 9:54	236226
Chromium	NELAP	0.22	0.47		22.2	mg/Kg-dry	1	03/20/2025 9:54	236226
Cobalt	NELAP	0.30	0.47		7.17	mg/Kg-dry	1	03/20/2025 9:54	236226
Lead	NELAP	0.56	1.42		20.3	mg/Kg-dry	1	03/20/2025 9:54	236226
Lithium	NELAP	0.14	0.47		11.4	mg/Kg-dry	1	03/20/2025 9:54	236226
Selenium	NELAP	1.58	3.77		< 3.77	mg/Kg-dry	1	03/20/2025 9:54	236226
Silver	NELAP	0.10	0.47		< 0.47	mg/Kg-dry	1	03/20/2025 9:54	236226
SW-846 7471B									
Mercury	NELAP	0.006	0.013		0.028	mg/Kg-dry	1	03/14/2025 13:25	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-009

Client Sample ID: DST

Matrix: SOLID

Collection Date: 03/10/2025 15:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		28.6	%	1	03/13/2025 11:49	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	2.542	6.356		11.44	mg/Kg-dry	500	03/26/2025 13:39	236529
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	13.9	69.3		ND	mg/Kg-dry	1	03/14/2025 15:31	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.90	2.31		6.54	mg/Kg-dry	1	03/20/2025 9:56	236226
Barium	NELAP	0.16	0.46		132	mg/Kg-dry	1	03/20/2025 9:56	236226
Boron	NELAP	0.80	1.85		2.66	mg/Kg-dry	1	03/20/2025 9:56	236226
Cadmium	NELAP	0.05	0.19		0.31	mg/Kg-dry	1	03/20/2025 9:56	236226
Chromium	NELAP	0.21	0.46		17.4	mg/Kg-dry	1	03/20/2025 9:56	236226
Cobalt	NELAP	0.30	0.46		6.13	mg/Kg-dry	1	03/20/2025 9:56	236226
Lead	NELAP	0.55	1.39		17.6	mg/Kg-dry	1	03/20/2025 9:56	236226
Lithium	NELAP	0.14	0.46		9.10	mg/Kg-dry	1	03/20/2025 9:56	236226
Selenium	NELAP	1.56	3.70		< 3.70	mg/Kg-dry	1	03/20/2025 9:56	236226
Silver	NELAP	0.10	0.46		< 0.46	mg/Kg-dry	1	03/20/2025 9:56	236226
SW-846 7471B									
Mercury	NELAP	0.006	0.014		0.023	mg/Kg-dry	1	03/14/2025 13:32	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab ID: 25031016-010

Client Sample ID: DSW

Matrix: SOLID

Collection Date: 03/10/2025 15:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		28.7	%	1	03/13/2025 11:49	R361738
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.2801	0.7003	S	< 0.7003	mg/Kg-dry	50	03/14/2025 15:47	235951
<i>Matrix spike did not recover within control limits due to sample composition.</i>									
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	13.9	69.5		ND	mg/Kg-dry	1	03/14/2025 15:42	235935
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.92	2.36		7.39	mg/Kg-dry	1	03/20/2025 9:57	236226
Barium	NELAP	0.16	0.47		122	mg/Kg-dry	1	03/20/2025 9:57	236226
Boron	NELAP	0.81	1.89		2.68	mg/Kg-dry	1	03/20/2025 9:57	236226
Cadmium	NELAP	0.05	0.19		0.25	mg/Kg-dry	1	03/20/2025 9:57	236226
Chromium	NELAP	0.22	0.47		17.0	mg/Kg-dry	1	03/20/2025 9:57	236226
Cobalt	NELAP	0.30	0.47		5.45	mg/Kg-dry	1	03/20/2025 9:57	236226
Lead	NELAP	0.56	1.42		17.7	mg/Kg-dry	1	03/20/2025 9:57	236226
Lithium	NELAP	0.14	0.47		8.42	mg/Kg-dry	1	03/20/2025 9:57	236226
Selenium	NELAP	1.58	3.77		< 3.77	mg/Kg-dry	1	03/20/2025 9:57	236226
Silver	NELAP	0.10	0.47		< 0.47	mg/Kg-dry	1	03/20/2025 9:57	236226
SW-846 7471B									
Mercury	NELAP	0.006	0.014		0.023	mg/Kg-dry	1	03/14/2025 13:34	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R362863



Sample Summary

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25031016-001	MSD	Solid	3	03/10/2025 10:40
25031016-002	MSR	Solid	3	03/10/2025 11:15
25031016-003	650 & 851	Solid	3	03/10/2025 12:00
25031016-004	601 & T	Solid	3	03/10/2025 12:30
25031016-005	250 & 651	Solid	3	03/10/2025 13:10
25031016-006	DSD	Solid	3	03/10/2025 13:54
25031016-007	DEP	Solid	3	03/10/2025 14:45
25031016-008	DWP	Solid	3	03/10/2025 15:10
25031016-009	DST	Solid	3	03/10/2025 15:35
25031016-010	DSW	Solid	3	03/10/2025 15:45



Dates Report

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
25031016-001A	MSD	03/10/2025 10:40	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:52
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 8:32
	SW-846 7196A			03/13/2025 13:31	03/14/2025 15:28
	SW-846 7471B			03/14/2025 10:03	03/14/2025 12:47
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 12:59
25031016-001B	MSD	03/10/2025 10:40	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-002A	MSR	03/10/2025 11:15	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:51
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 8:34
	SW-846 7196A			03/13/2025 13:31	03/14/2025 15:30
	SW-846 7471B			03/14/2025 10:03	03/14/2025 12:49
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 13:11
25031016-002B	MSR	03/10/2025 11:15	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-003A	650 & 851	03/10/2025 12:00	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:51
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 8:35
	SW-846 7196A			03/13/2025 13:31	03/14/2025 16:58
	SW-846 7471B			03/14/2025 10:03	03/14/2025 12:51
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 13:22
25031016-003B	650 & 851	03/10/2025 12:00	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-004A	601 & T	03/10/2025 12:30	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:47
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 8:37
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 16:17
	SW-846 7196A			03/13/2025 13:31	03/14/2025 15:34
	SW-846 7471B			03/14/2025 10:03	03/14/2025 12:54
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 13:34
25031016-004B	601 & T	03/10/2025 12:30	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-005A	250 & 651	03/10/2025 13:10	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:48
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 9:45

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3050B, 6010B, Metals by ICP			03/21/2025 19:00	03/24/2025 10:30
	SW-846 7196A			03/13/2025 13:31	03/14/2025 15:37
	SW-846 7471B			03/14/2025 10:03	03/14/2025 12:56
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 13:46
25031016-005B	250 & 651	03/10/2025 13:10	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-006A	DSD	03/10/2025 13:54	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:48
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 9:51
	SW-846 7196A			03/13/2025 13:31	03/14/2025 15:38
	SW-846 7471B			03/14/2025 10:03	03/14/2025 12:58
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 13:57
25031016-006B	DSD	03/10/2025 13:54	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-007A	DEP	03/10/2025 14:45	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:49
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 9:52
	SW-846 7196A			03/13/2025 13:31	03/14/2025 15:41
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:18
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 14:44
25031016-007B	DEP	03/10/2025 14:45	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-008A	DWP	03/10/2025 15:10	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:48
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 9:54
	SW-846 7196A			03/25/2025 14:49	03/26/2025 12:41
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:25
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 15:19
25031016-008B	DWP	03/10/2025 15:10	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-009A	DST	03/10/2025 15:35	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:49
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 9:56
	SW-846 7196A			03/25/2025 14:49	03/26/2025 13:39
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:32
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 15:31

Dates Report

<http://www.teklabinc.com/>
Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
25031016-009B	DST	03/10/2025 15:35	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031016-010A	DSW	03/10/2025 15:45	03/12/2025 12:29		
	EPA SW846 3550B, 5035A, ASTM D2974				03/13/2025 11:49
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 14:24	03/20/2025 9:57
	SW-846 7196A			03/13/2025 13:31	03/14/2025 15:47
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:34
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/13/2025 10:43	03/14/2025 15:42
25031016-010B	DSW	03/10/2025 15:45	03/12/2025 12:29		
	EPA 903/904, Radium 226/228				04/02/2025 14:16



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

EPA SW846 3550B, 5035A, ASTM D2974

Batch R361738		SampType: LCS		Units %							
SampID: LCS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Percent Moisture		*	0.1		99.0	99.00	0	100.0	90	110	03/13/2025
Percent Moisture		*	0.1		98.9	99.00	0	99.9	90	110	03/13/2025
Percent Moisture		*	0.1		99.0	99.00	0	100.1	90	110	03/13/2025
Percent Moisture		*	0.1		99.0	99.00	0	100.0	90	110	03/13/2025
Percent Moisture		*	0.1		99.0	99.00	0	100.0	90	110	03/13/2025
Percent Moisture		*	0.1		99.0	99.00	0	100.0	90	110	03/13/2025

SW-846 7196A

Batch 235951		SampType: MBLK		Units mg/Kg							
SampID: MBLK-235951											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Chromium, Hexavalent		0.0100		< 0.0100	0.0040	0	0	-100	100	03/14/2025	

Batch 235951		SampType: MBLK		Units mg/Kg							
SampID: MB-R361779											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Chromium, Hexavalent		0.0010		< 0.0010	0.0004	0	0	-100	100	03/14/2025	

Batch 235951		SampType: LCS		Units mg/Kg							
SampID: LCS-R361779											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.0010		0.0495	0.0500	0	99.0	90	110	03/14/2025	

Batch 235951		SampType: MS		Units mg/Kg-dry							
SampID: 25031016-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.6864		29.24	34.32	0	85.2	85	115	03/14/2025	

Batch 235951		SampType: MSD		Units mg/Kg-dry				RPD Limit 10			
SampID: 25031016-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium, Hexavalent			0.6864	R	33.84	34.32	0	98.6	29.24	14.58	03/14/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

SW-846 7196A

Batch 235951		SampType: MS		Units mg/Kg-dry							
SampID: 25031016-002AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chromium, Hexavalent		0.1310		5.816	6.549	0	88.8	85	115	03/14/2025	

Batch 235951		SampType: MS		Units mg/Kg-dry							
SampID: 25031016-003AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chromium, Hexavalent		1.337	S	52.81	66.85	0	79.0	85	115	03/14/2025	

Batch 235951		SampType: MS		Units mg/Kg-dry							
SampID: 25031016-004AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.1475		6.533	7.373	0	88.6	85	115	03/14/2025	

Batch 235951		SampType: MS		Units mg/Kg-dry							
SampID: 25031016-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.0651		3.255	3.255	0	100.0	85	115	03/14/2025	

Batch 235951		SampType: MS		Units mg/Kg-dry							
SampID: 25031016-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.7396		36.54	36.98	0	98.8	85	115	03/14/2025	

Batch 235951		SampType: MS		Units mg/Kg-dry							
SampID: 25031016-007AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.6780	S	27.53	33.90	0	81.2	85	115	03/14/2025	

Batch 235951		SampType: MS		Units mg/Kg-dry							
SampID: 25031016-010AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.7003	S	28.01	35.01	0	80.0	85	115	03/14/2025	

Batch 236529		SampType: MBLK		Units mg/Kg							
SampID: MBLK-236529											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.0100		< 0.0100	0.0004	0	0	-100	100	03/26/2025	



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

SW-846 7196A

Batch 236529 SampType: MBLK Units mg/Kg

SampID: MB-R362364

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		< 0.0010	0.0004	0	0	-100	100	03/26/2025

Batch 236529 SampType: LCS Units mg/Kg

SampID: LCS-R362364

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		0.0547	0.0500	0	109.4	90	110	03/26/2025

Batch 236529 SampType: MS Units mg/Kg-dry

SampID: 25031016-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		7.020		344.0	351.0	0	98.0	85	115	03/26/2025

Batch 236529 SampType: MS Units mg/Kg-dry

SampID: 25031016-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		6.356		320.3	317.8	11.44	97.2	85	115	03/26/2025

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch 235935 SampType: MBLK Units mg/Kg

SampID: MBLK 250313 IC-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50.0		ND	10.00	0	0	0	100	03/14/2025

Batch 235935 SampType: LCS Units mg/Kg

SampID: LCS 250313 IC-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50.0		187	200.0	0	93.7	80	120	03/14/2025

Batch 235935 SampType: MS Units mg/Kg-dry

SampID: 25031016-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		65.9		256	263.7	21.35	88.9	80	120	03/14/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch 235935		SampType: MSD		Units mg/Kg-dry				RPD Limit 15			Date Analyzed	
SampID: 25031016-007AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Sulfate			64.7		261	258.7	21.35	92.5	255.7	1.96		

SW-846 3050B, 6010B, METALS BY ICP

Batch 236226		SampType: MBLK		Units mg/Kg-dry						
SampID: MBLK-236226										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.50		< 2.50	0.9700	0	0	-100	100	03/20/2025
Barium		0.50		< 0.50	0.1700	0	0	-100	100	03/20/2025
Boron		2.00		< 2.00	0.8600	0	0	-100	100	03/20/2025
Cadmium		0.20		< 0.20	0.0500	0	0	-100	100	03/20/2025
Chromium		0.50		< 0.50	0.2300	0	0	-100	100	03/20/2025
Cobalt		0.50		< 0.50	0.1900	0	0	-100	100	03/20/2025
Lead		1.50		< 1.50	0.5900	0	0	-100	100	03/20/2025
Lithium		0.50		< 0.50	0.1500	0	0	-100	100	03/20/2025
Selenium		4.00		< 4.00	1.680	0	0	-100	100	03/20/2025
Silver		0.50		< 0.50	0.1100	0	0	-100	100	03/20/2025

Batch 236226		SampType: LCS		Units mg/Kg-dry							
SampID: LCS-236226											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		2.50		47.8	50.00	0	95.6	85	115	03/20/2025	
Barium		0.50		192	200.0	0	95.9	85	115	03/20/2025	
Boron		2.00		45.0	50.00	0	90.0	85	115	03/20/2025	
Cadmium		0.20		4.78	5.000	0	95.6	85	115	03/20/2025	
Chromium		0.50		19.4	20.00	0	96.9	85	115	03/20/2025	
Cobalt		0.50		47.9	50.00	0	95.8	85	115	03/20/2025	
Lead		1.50		47.3	50.00	0	94.7	85	115	03/20/2025	
Lithium		0.50		46.5	50.00	0	93.0	85	115	03/20/2025	
Selenium		4.00		45.0	50.00	0	90.1	85	115	03/20/2025	
Silver		0.50		4.67	5.000	0	93.4	85	115	03/20/2025	



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

SW-846 3050B, 6010B, METALS BY ICP

Batch 236226		SampType: MS		Units mg/Kg-dry						
SampID: 25031016-005AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.40		49.8	48.08	4.827	93.6	75	125	03/20/2025
Barium		0.48		365	192.3	166.5	103.4	75	125	03/20/2025
Cadmium		0.19		4.38	4.808	0.2212	86.6	75	125	03/20/2025
Chromium		0.48		43.5	19.23	22.28	110.2	75	125	03/20/2025
Cobalt		0.48		48.9	48.08	6.423	88.3	75	125	03/20/2025
Lead		1.44		55.2	48.08	13.66	86.4	75	125	03/20/2025
Lithium		0.48		66.6	48.08	15.24	106.9	75	125	03/20/2025
Selenium		3.85		40.9	48.08	0	85.1	75	125	03/20/2025
Silver		0.48		4.75	4.808	0	98.8	75	125	03/20/2025

Batch 236226		SampType: MSD	Units mg/Kg-dry					RPD Limit 20		
SampID: 25031016-005AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		2.36		52.2	47.17	4.827	100.4	49.82	4.61	03/20/2025
Barium		0.47		354	188.7	166.5	99.3	365.4	3.23	03/20/2025
Cadmium		0.19		4.53	4.717	0.2212	91.3	4.385	3.22	03/20/2025
Chromium		0.47		44.7	18.87	22.28	119.0	43.46	2.87	03/20/2025
Cobalt		0.47		51.0	47.17	6.423	94.5	48.88	4.27	03/20/2025
Lead		1.42		57.9	47.17	13.66	93.8	55.20	4.76	03/20/2025
Lithium		0.47		67.1	47.17	15.24	109.9	66.62	0.69	03/20/2025
Selenium		3.77		43.4	47.17	0	92.1	40.89	6.00	03/20/2025
Silver		0.47		4.82	4.717	0	102.2	4.750	1.48	03/20/2025

Batch 236303		SampType: MBLK		Units mg/Kg-dry							
SampID: MBLK-236303											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		2.50		< 2.50	0.9700	0	0	-100	100	03/21/2025	
Barium		0.50		< 0.50	0.1700	0	0	-100	100	03/21/2025	
Boron		2.00		< 2.00	0.8600	0	0	-100	100	03/21/2025	
Cadmium		0.20		< 0.20	0.0500	0	0	-100	100	03/21/2025	
Chromium		0.50		< 0.50	0.2300	0	0	-100	100	03/21/2025	
Cobalt		0.50		< 0.50	0.1900	0	0	-100	100	03/21/2025	
Lead		1.50		< 1.50	0.5900	0	0	-100	100	03/21/2025	
Lithium		0.50		< 0.50	0.1500	0	0	-100	100	03/21/2025	
Selenium		4.00		< 4.00	1.680	0	0	-100	100	03/21/2025	
Silver		0.50		< 0.50	0.1100	0	0	-100	100	03/21/2025	



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

SW-846 3050B, 6010B, METALS BY ICP

Batch 236391 SampType: MBLK Units mg/Kg-dry

SampID: MBLK-236391

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.50		< 2.50	0.9700	0	0	-100	100	03/24/2025
Barium		0.50		< 0.50	0.1700	0	0	-100	100	03/24/2025
Boron		2.00		< 2.00	0.8600	0	0	-100	100	03/24/2025
Cadmium		0.20		< 0.20	0.0500	0	0	-100	100	03/24/2025
Chromium		0.50		< 0.50	0.2300	0	0	-100	100	03/24/2025
Cobalt		0.50		< 0.50	0.1900	0	0	-100	100	03/24/2025
Lead		1.50		< 1.50	0.5900	0	0	-100	100	03/24/2025
Lithium		0.50		< 0.50	0.1500	0	0	-100	100	03/24/2025
Selenium		4.00		< 4.00	1.680	0	0	-100	100	03/24/2025
Silver		0.50		< 0.50	0.1100	0	0	-100	100	03/24/2025

Batch 236391 SampType: LCS Units mg/Kg-dry

SampID: LCS-236391

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.50		50.4	50.00	0	100.8	85	115	03/24/2025
Barium		0.50		201	200.0	0	100.5	85	115	03/24/2025
Boron		2.00		46.4	50.00	0	92.7	85	115	03/24/2025
Cadmium		0.20		5.07	5.000	0	101.4	85	115	03/24/2025
Chromium		0.50		20.1	20.00	0	100.4	85	115	03/24/2025
Cobalt		0.50		49.0	50.00	0	98.0	85	115	03/24/2025
Lead		1.50		48.9	50.00	0	97.8	85	115	03/24/2025
Lithium		0.50		48.3	50.00	0	96.7	85	115	03/24/2025
Selenium		4.00		46.4	50.00	0	92.7	85	115	03/24/2025
Silver		0.50		4.78	5.000	0	95.6	85	115	03/24/2025

Batch 236391 SampType: MS Units mg/Kg-dry

SampID: 25031016-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		1.96	S	37.5	49.02	2.963	70.4	75	125	03/24/2025

Batch 236391 SampType: MSD Units mg/Kg-dry

RPD Limit 20

SampID: 25031016-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		1.89	S	33.9	47.17	2.963	65.6	37.47	9.96	03/24/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

SW-846 7471B

Batch 235927 SampType: MBLK Units mg/Kg

SampID: MBLK-235927

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.010		< 0.010	0.0045	0	0	-100	100	03/14/2025

Batch 235927 SampType: LCS Units mg/Kg

SampID: LCS-235927

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.010		0.234	0.2500	0	93.8	85	115	03/14/2025

Batch 235927 SampType: MS Units mg/Kg-dry

SampID: 25031016-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.014		0.389	0.3398	0.02848	106.2	75	125	03/14/2025

Batch 235927 SampType: MSD Units mg/Kg-dry

RPD Limit 15

SampID: 25031016-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.013		0.386	0.3357	0.02848	106.6	0.3892	0.72	03/14/2025



Receiving Check List

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031016

Client Project: Henry County

Report Date: 07-Apr-25

Carrier: Crossroads

Received By: NR

Completed by:

On:

12-Mar-25

Laura E Henson

Reviewed by:

On:

12-Mar-25

Elizabeth A. Hurley

Pages to follow:

Chain of custody

1

Extra pages included

33

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 4.1

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☐

No ☒

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

NA ☒

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

Custody seal(s) intact on shipping container/cooler. - NR/lhenson - 3/12/2025 4:29:24 PM

250 & 651 is labeled 651 & 250 on the containers. Client was notified via work order summary. - JD/LH 03/12/25

Drop off Location

☐ Downers Grove, IL ☒ Lenexa, KS☐ Springfield, IL ☒ Collinsville, IL**CHAIN OF CUSTODY**Pg 1 of 1 Workorder # 25031016

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Client: <u>Sunbelt Environmental Services, Inc.</u> Address: <u>621 North Prince Lane</u> City/State/Zip: <u>Springfield, MO 65802</u> Contact: <u>Paul Wilkerson</u> Phone: <u>417-831-5052</u> Email: <u>pwilkerson@sunbeltenv.com</u> Fax: <u>471-831-6258</u>				Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE <u>4.1 °C</u> LTG# <u>9</u> Preserved in: ☐ LAB ☐ FIELD FOR LAB USE ONLY LAB NOTES: <u>Samples 250 & 651 is labeled 651 & 250</u> <u>JD 3/12/25</u>																																																																																																																																																																																																																																												
Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☒ Yes ☐ No Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section: ☒ Yes ☐ No				Client Comments: <u>Matrix Spike Duplicate from DSD</u> <u>Temp. Blank in cooler</u> Report QC LVL: _____ Custody seal intact on cooler. <u>3/12</u>																																																																																																																																																																																																																																												
Project Name / Number <u>Henry County</u>		Sample Collector's Name <u>Chris Schaefer/Paul Wilkerson</u>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2"># and Type of Containers</th> <th colspan="10">INDICATE ANALYSIS REQUESTED</th> </tr> <tr> <th>UNP</th> <th>HNO3</th> <th>NaOH</th> <th>H2SO4</th> <th>HCL</th> <th>MeOH</th> <th>NaHSO4</th> <th>TSP</th> <th>Other</th> <th>M3500-Cr B</th> <th>E245.1</th> <th>M200.7</th> <th>M903/904</th> <th>SW7196A</th> <th>SW7471B</th> <th>SW6010B</th> <th>SW-846 9056A</th> </tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> </table>				# and Type of Containers		INDICATE ANALYSIS REQUESTED										UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	M3500-Cr B	E245.1	M200.7	M903/904	SW7196A	SW7471B	SW6010B	SW-846 9056A	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X	3												X	X	X	X	X
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*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

April 04, 2025

Elizabeth Hurley
TEKLAB Inc,
5445 Horseshoe lake Road
Collinsville, IL 62234
TEL:
FAX:
RE: 25031016

Order No.: 25031295

Dear Elizabeth Hurley:

Alliance Technical Group - Akron received 10 sample(s) on 3/17/2025 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Jennifer Woolf

Project Manager

3310 Win St.
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0108, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



Alliance Technical Group - Akron
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Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Case Narrative

WO#: 25031295
Date: 4/4/2025

CLIENT: TEKLAB Inc,

Project: 25031016

WorkOrder Narrative:

25031295: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Alliance Technical Group Work Order Number assigned to this report.

Alliance Technical Group holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Alliance Technical Group and that of the customer. It cannot be reproduced in any form without the consent of Alliance Technical Group or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Alliance Technical Group is not responsible for use or interpretation of the data included herein.

All results for solid samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Analytical Sequence Sample Notes:

25031295-001A Radium-228_S(9320): Sample and Sample Duplicate exhibited high RPD due to detections < PQL.

Analytical Sequence QC Notes:

25031295-001ADUP Radium-228_S(9320): Sample and Sample Duplicate exhibited high RPD due to detections < PQL.

Original

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Workorder
Sample Summary
WO#: 25031295
04-Apr-25

CLIENT: TEKLAB Inc,
Project: 25031016

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
25031295-001	25031016-001B		3/10/2025 10:40:00 AM	3/17/2025 1:00:00 PM	Solid
25031295-002	25031016-002B		3/10/2025 11:15:00 AM	3/17/2025 1:00:00 PM	Solid
25031295-003	25031016-003B		3/10/2025 12:00:00 PM	3/17/2025 1:00:00 PM	Solid
25031295-004	25031016-004B		3/10/2025 12:30:00 PM	3/17/2025 1:00:00 PM	Solid
25031295-005	25031016-005B		3/10/2025 1:10:00 PM	3/17/2025 1:00:00 PM	Solid
25031295-006	25031016-006B		3/10/2025 1:54:00 PM	3/17/2025 1:00:00 PM	Solid
25031295-007	25031016-007B		3/10/2025 2:45:00 PM	3/17/2025 1:00:00 PM	Solid
25031295-008	25031016-008B		3/10/2025 3:10:00 PM	3/17/2025 1:00:00 PM	Solid
25031295-009	25031016-009B		3/10/2025 3:35:00 PM	3/17/2025 1:00:00 PM	Solid
25031295-010	25031016-010B		3/10/2025 3:45:00 PM	3/17/2025 1:00:00 PM	Solid



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DATES REPORT

WO#: 25031295

04-Apr-25

Client: TEKLAB Inc,
Project: 25031016

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25031295-001A	25031016-001B	3/10/2025 10:40:00 AM	Solid	Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-002A	25031016-002B	3/10/2025 11:15:00 AM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-003A	25031016-003B	3/10/2025 12:00:00 PM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-004A	25031016-004B	3/10/2025 12:30:00 PM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-005A	25031016-005B	3/10/2025 1:10:00 PM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-006A	25031016-006B	3/10/2025 1:54:00 PM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-007A	25031016-007B	3/10/2025 2:45:00 PM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-008A	25031016-008B	3/10/2025 3:10:00 PM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM

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DATES REPORT

WO#: 25031295

04-Apr-25

Client: TEKLAB Inc,

Project: 25031016

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25031295-008A	25031016-008B	3/10/2025 3:10:00 PM	Solid	Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-009A	25031016-009B	3/10/2025 3:35:00 PM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031295-010A	25031016-010B	3/10/2025 3:45:00 PM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM

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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-001
Client Sample ID: 25031016-001B

Collection Date: 3/10/2025 10:40:00 AM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)					SW9315	E903-904	Analyst: HDJ
Radium-226	ND	1.38		pCi/g-dry	± 0.100	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)					SW9320	E903-904	Analyst: HDJ
Radium-228	ND	2.76	QDR	pCi/g-dry	± 0.540	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-002
Client Sample ID: 25031016-002B

Collection Date: 3/10/2025 11:15:00 AM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)					SW9315	E903-904	Analyst: HDJ
Radium-226	ND	1.40		pCi/g-dry	± 0.0800	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)					SW9320	E903-904	Analyst: HDJ
Radium-228	ND	2.79		pCi/g-dry	± 0.490	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-003
Client Sample ID: 25031016-003B

Collection Date: 3/10/2025 12:00:00 PM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)					SW9315	E903-904	Analyst: HDJ
Radium-226	ND	1.38		pCi/g-dry	± 0.0800	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)					SW9320	E903-904	Analyst: HDJ
Radium-228	ND	2.75		pCi/g-dry	± 0.400	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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Analytical Report

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WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-004
Client Sample ID: 25031016-004B

Collection Date: 3/10/2025 12:30:00 PM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)					SW9315	E903-904	Analyst: HDJ
Radium-226	ND	1.49		pCi/g-dry	± 0.0800	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)					SW9320	E903-904	Analyst: HDJ
Radium-228	ND	2.98		pCi/g-dry	± 0.470	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-005
Client Sample ID: 25031016-005B

Collection Date: 3/10/2025 1:10:00 PM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)					SW9315	E903-904	Analyst: HDJ
Radium-226	ND	1.46		pCi/g-dry	± 0.110	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)					SW9320	E903-904	Analyst: HDJ
Radium-228	ND	2.93		pCi/g-dry	± 0.440	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-006
Client Sample ID: 25031016-006B

Collection Date: 3/10/2025 1:54:00 PM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)							
				SW9315	E903-904		Analyst: HDJ
Radium-226	ND	1.45		pCi/g-dry	± 0.0900	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)							
				SW9320	E903-904		Analyst: HDJ
Radium-228	ND	2.91		pCi/g-dry	± 0.410	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-007
Client Sample ID: 25031016-007B

Collection Date: 3/10/2025 2:45:00 PM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)					SW9315	E903-904	Analyst: HDJ
Radium-226	ND	1.44		pCi/g-dry	± 0.0900	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)					SW9320	E903-904	Analyst: HDJ
Radium-228	ND	2.87		pCi/g-dry	± 0.470	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-008
Client Sample ID: 25031016-008B

Collection Date: 3/10/2025 3:10:00 PM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)							
				SW9315	E903-904		Analyst: HDJ
Radium-226	ND	1.36		pCi/g-dry	± 0.0700	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)							
				SW9320	E903-904		Analyst: HDJ
Radium-228	ND	2.72		pCi/g-dry	± 0.430	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-009
Client Sample ID: 25031016-009B

Collection Date: 3/10/2025 3:35:00 PM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)					SW9315	E903-904	Analyst: HDJ
Radium-226	ND	1.39		pCi/g-dry	± 0.0900	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)					SW9320	E903-904	Analyst: HDJ
Radium-228	ND	2.78		pCi/g-dry	± 0.420	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Project: 25031016
Lab ID: 25031295-010
Client Sample ID: 25031016-010B

Collection Date: 3/10/2025 3:45:00 PM

Matrix: SOLID

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RAD226/228 RADIUM-226 ANALYSIS (9315)					SW9315	E903-904	Analyst: HDJ
Radium-226	ND	1.44		pCi/g-dry	± 0.120	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RAD226/228 RADIUM-228 ANALYSIS (9320)					SW9320	E903-904	Analyst: HDJ
Radium-228	ND	2.89		pCi/g-dry	± 0.530	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-001A
Project: 25031016
Client Sample ID 25031016-001B

Tag Number:
Collection Date: 3/10/2025 10:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	27.7	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-002A
Project: 25031016
Client Sample ID 25031016-002B

Tag Number:
Collection Date: 3/10/2025 11:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	28.3	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-003A
Project: 25031016
Client Sample ID 25031016-003B

Tag Number:
Collection Date: 3/10/2025 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	27.3	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-004A
Project: 25031016
Client Sample ID 25031016-004B

Tag Number:
Collection Date: 3/10/2025 12:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	32.9	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-005A
Project: 25031016
Client Sample ID 25031016-005B

Tag Number:
Collection Date: 3/10/2025 1:10:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	31.7	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-006A
Project: 25031016
Client Sample ID 25031016-006B

Tag Number:
Collection Date: 3/10/2025 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	31.2	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-007A
Project: 25031016
Client Sample ID 25031016-007B

Tag Number:
Collection Date: 3/10/2025 2:45:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	30.4	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-008A
Project: 25031016
Client Sample ID 25031016-008B

Tag Number:
Collection Date: 3/10/2025 3:10:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	26.5	0.100	%	1	3/19/2025 12:00:00 PM	

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-009A
Project: 25031016
Client Sample ID 25031016-009B

Tag Number:
Collection Date: 3/10/2025 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	28.0	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031295

Date Reported: 4/4/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031295-010A
Project: 25031016
Client Sample ID 25031016-010B

Tag Number:
Collection Date: 3/10/2025 3:45:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	30.8	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031295

04-Apr-25

Client: TEKLAB Inc,
Project: 25031016

BatchID: 83056

Sample ID: MB-83056	SampType: MBLK	TestCode: Radium-228_ Units: pCi/g			Prep Date: 3/20/2025				RunNo: 206319		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320		E903-904		Analysis Date: 4/2/2025				SeqNo: 5523191	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	2.00									
Yield	1.00										

Sample ID: LCS-83056	SampType: LCS	TestCode: Radium-228_		Units: pCi/g	Prep Date: 3/20/2025				RunNo: 206319		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320		E903-904	Analysis Date: 4/2/2025				SeqNo: 5523192		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.41	2.00	5.000	0	68.2	50	130				

Sample ID: LCSD-83056	SampType: LCSD	TestCode: Radium-228_ Units: pCi/g				Prep Date: 3/20/2025			RunNo: 206319		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320		E903-904		Analysis Date: 4/2/2025			SeqNo: 5523193		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.12	2.00	5.000	0	62.4	50	130	3.410	8.88	20	

Sample ID: 25031295-001ADUP	SampType: DUP	TestCode: Radium-228	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206319						
Client ID: 25031016-001B	Batch ID: 83056	TestNo: SW9320	E903-904	Analysis Date: 4/2/2025	SeqNo: 5523198						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031295

04-Apr-25

Client: TEKLAB Inc,
Project: 25031016

BatchID: 83056

Sample ID: 25031295-001ADUP	SampType: DUP	TestCode: Radium-228_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206319						
Client ID: 25031016-001B	Batch ID: 83056	TestNo: SW9320	E903-904	Analysis Date: 4/2/2025	SeqNo: 5523198						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	2.76		0	0	0	0	0	0	20	R
Yield	1							1.382	0	0	

Sample ID: 25031295-002ADUP	SampType: DUP	TestCode: Radium-228_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206319						
Client ID: 25031016-002B	Batch ID: 83056	TestNo: SW9320	E903-904	Analysis Date: 4/2/2025	SeqNo: 5523200						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	2.79		0	0	0	0	0	0	20	
Yield	1							1.395	0	0	

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031295

04-Apr-25

Client: TEKLAB Inc,
Project: 25031016

BatchID: 83056

Sample ID: MB-83056	SampType: MBLK	TestCode: Radium-226_ Units: pCi/g			Prep Date: 3/20/2025				RunNo: 206326		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315		E903-904		Analysis Date: 4/3/2025				SeqNo: 5523386	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00									
Yield	1.00										

Sample ID: LCS-83056	SampType: LCS	TestCode: Radium-226_ Units: pCi/g				Prep Date: 3/20/2025				RunNo: 206326		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315		E903-904		Analysis Date: 4/3/2025				SeqNo: 5523387		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-226	4.35	1.00	5.000	0	87.0	70	130					

Sample ID: LCSD-83056	SampType: LCSD	TestCode: Radium-226_ Units: pCi/g				Prep Date: 3/20/2025			RunNo: 206326		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315		E903-904		Analysis Date: 4/3/2025			SeqNo: 5523388		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	4.77	1.00	5.000	0	95.4	60	140	4.350	9.21	40	

Sample ID: 25031295-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206326						
Client ID: 25031016-001B	Batch ID: 83056	TestNo: SW9315	E903-904	Analysis Date: 4/3/2025	SeqNo: 5523393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031295

04-Apr-25

Client: TEKLAB Inc,
Project: 25031016

BatchID: 83056

Sample ID: 25031295-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206326						
Client ID: 25031016-001B	Batch ID: 83056	TestNo: SW9315	E903-904	Analysis Date: 4/3/2025	SeqNo: 5523393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.38						0	0	20	
Yield	1							1.382	0	0	

Sample ID: 25031295-002ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206326						
Client ID: 25031016-002B	Batch ID: 83056	TestNo: SW9315	E903-904	Analysis Date: 4/3/2025	SeqNo: 5523395						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.40						0	0	20	
Yield	1							1.395	0	0	

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031295

04-Apr-25

Client: TEKLAB Inc,
Project: 25031016

BatchID: R205271

Sample ID: MB-R205271	SampType: MBLK	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205271		
Client ID: BatchQC	Batch ID: R205271	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496680		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	ND	0.100										

Sample ID: 25031120-001ADUP	SampType: DUP	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205271		
Client ID: BatchQC	Batch ID: R205271	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496701		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	96.1	0.100						96.16	0.0201	5		

Sample ID: 25031207-001ADUP	SampType: DUP	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205271		
Client ID: BatchQC	Batch ID: R205271	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496702		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	98.8	0.100						98.72	0.0320	5		

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ Field**Teklab Inc**5445 Horseshoe Lake Road
Collinsville, IL 62234Cooler Temp: Sampler: QC Level:

Project#

Contact: Email: Requested Due Date: Billing/PO: Phone: Comments: **Please Issue reports and invoices via email only**

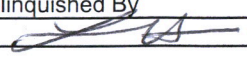
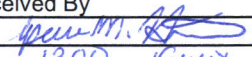
Please analyze for Radium 226/228 per your usual methods.

Any changes to analysis/methods must be approved by Teklab, Inc. Batch QC is required.

Samples collected from an ☒ site.**Litigation samples****NO TE SAM 3/12/25****PLEASE NOTE:**

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Radium 226/228															
CPM 36	25031016-001B	3/10/25 10:40	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 20	25031016-002B	3/10/25 11:15	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 40	25031016-003B	3/10/25 12:00	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 33	25031016-004B	3/10/25 12:30	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 44	25031016-005B	3/10/25 13:10	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 37	25031016-006B	3/10/25 13:54	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 28	25031016-007B	3/10/25 14:45	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 25	25031016-008B	3/10/25 15:10	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 36	25031016-009B	3/10/25 15:35	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
CPM 46	25031016-010B	3/10/25 15:45	Unpres	Soil	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			Other	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

*Relinquished By	Date/Time	Received By	Date/Time
	3/13/25		3/17/25
		1300 Kux	
		10.4 - 0.0 = 10.4	

Sample Log-In Check List

Client Name: TEK-IL-62234-A

Work Order Number: 25031295

RcptNo: 1

Logged by: Spencer M. Hartwell 3/17/2025 1:00:00 PM

Spencer M. Hartwell

Completed By: Spencer M. Hartwell 3/17/2025 5:29:44 PM

Spencer M. Hartwell

Reviewed By: Jennifer Woolf 3/18/2025 3:17:32 PM

Jennifer M. Woolf

Chain of Custody

1. Is Chain of Custody complete? Yes ☐ No ☒ Not Present ☐
2. How was the sample delivered? FedEx

Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☒ No ☐ Not Present ☐
No. Seal Date: 2/28/2025 Signed By:
5. Was an attempt made to cool the samples? Yes ☐ No ☒ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☒ NA ☐
Not required
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:
relinquish time not included

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	10.4	Good	Yes		3/5/2025	

April 15, 2025

Paul Wilkerson
Sunbelt Environmental Services
621 N. Prince Lane
Springfield, MO 65802
TEL: (417) 831-5052
FAX: (417) 831-6258



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Henry County

WorkOrder: 25031146

Dear Paul Wilkerson:

TEKLAB, INC received 16 samples on 3/13/2025 12:55:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

This reporting package includes the following:

Cover Letter	1
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Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	23
Dates Report	24
Quality Control Results	29
Receiving Check List	41
Chain of Custody	Appended

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Cooler Receipt Temp: 5.3 °C

Ra226/228 analyses were performed by Alliance Technical Group-Akron. See attached report for results and QC.

Locations

Collinsville

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Collinsville, IL 62234-7425
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Collinsville Air

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Client: Sunbelt Environmental Services**Work Order:** 25031146**Client Project:** Henry County**Report Date:** 15-Apr-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-001

Client Sample ID: DSR

Matrix: SOLID

Collection Date: 03/10/2025 14:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		29.3	%	1	03/17/2025 18:49	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.0539	0.1347	R	3.234	mg/Kg-dry	10	03/26/2025 14:29	236529
<i>RPD for MS/MSD was outside control limits due to sample composition.</i>									
<i>Results of the matrix spike have less certainty because value exceeds upper quantitation limits.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	13.9	69.3		ND	mg/Kg-dry	1	03/17/2025 18:53	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.93	2.40		7.66	mg/Kg-dry	1	03/20/2025 17:40	236228
Barium	NELAP	0.16	0.48		114	mg/Kg-dry	1	03/20/2025 17:40	236228
Boron	NELAP	0.83	1.92		4.84	mg/Kg-dry	1	03/20/2025 17:40	236228
Cadmium	NELAP	0.05	0.19		0.54	mg/Kg-dry	1	03/20/2025 17:40	236228
Chromium	NELAP	0.22	0.48		22.2	mg/Kg-dry	1	03/20/2025 17:40	236228
Cobalt	NELAP	0.18	0.48		6.83	mg/Kg-dry	1	03/20/2025 17:40	236228
Lead	NELAP	0.57	1.44		35.0	mg/Kg-dry	1	03/20/2025 17:40	236228
Lithium	NELAP	0.14	0.48		10.6	mg/Kg-dry	1	03/20/2025 17:40	236228
Selenium	NELAP	1.62	3.85		< 3.85	mg/Kg-dry	1	03/20/2025 17:40	236228
Silver	NELAP	0.11	0.48		< 0.48	mg/Kg-dry	1	03/20/2025 17:40	236228
SW-846 7471B									
Mercury	NELAP	0.006	0.014		0.049	mg/Kg-dry	1	03/14/2025 13:36	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-002

Client Sample ID: CCAD

Matrix: SOLID

Collection Date: 03/11/2025 8:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		42.2	%	1	03/17/2025 18:49	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	3.365	8.412		< 8.412	mg/Kg-dry	500	03/26/2025 13:41	236529
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	16.6	83.1		ND	mg/Kg-dry	1	03/17/2025 19:28	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.92	2.36		3.67	mg/Kg-dry	1	03/20/2025 17:42	236228
Barium	NELAP	0.16	0.47		82.7	mg/Kg-dry	1	03/20/2025 17:42	236228
Boron	NELAP	0.81	1.89		4.17	mg/Kg-dry	1	03/20/2025 17:42	236228
Cadmium	NELAP	0.05	0.19		0.33	mg/Kg-dry	1	03/20/2025 17:42	236228
Chromium	NELAP	0.22	0.47		14.6	mg/Kg-dry	1	03/20/2025 17:42	236228
Cobalt	NELAP	0.18	0.47		6.36	mg/Kg-dry	1	03/20/2025 17:42	236228
Lead	NELAP	0.56	1.42		28.6	mg/Kg-dry	1	03/20/2025 17:42	236228
Lithium	NELAP	0.14	0.47		8.99	mg/Kg-dry	1	03/20/2025 17:42	236228
Selenium	NELAP	1.58	3.77		< 3.77	mg/Kg-dry	1	03/20/2025 17:42	236228
Silver	NELAP	0.10	0.47		< 0.47	mg/Kg-dry	1	03/20/2025 17:42	236228
SW-846 7471B									
Mercury	NELAP	0.008	0.017		< 0.017	mg/Kg-dry	1	03/14/2025 13:38	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-003

Client Sample ID: 18 & 901

Matrix: SOLID

Collection Date: 03/11/2025 8:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		29.3	%	1	03/17/2025 18:50	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	2.773	6.932		< 6.932	mg/Kg-dry	500	03/26/2025 13:47	236529
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	13.7	68.6		ND	mg/Kg-dry	1	03/17/2025 19:39	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.97	2.50		6.22	mg/Kg-dry	1	03/20/2025 17:43	236228
Barium	NELAP	0.17	0.50		178	mg/Kg-dry	1	03/20/2025 17:43	236228
Boron	NELAP	0.86	2.00		4.51	mg/Kg-dry	1	03/20/2025 17:43	236228
Cadmium	NELAP	0.05	0.20		0.26	mg/Kg-dry	1	03/20/2025 17:43	236228
Chromium	NELAP	0.23	0.50		21.8	mg/Kg-dry	1	03/20/2025 17:43	236228
Cobalt	NELAP	0.19	0.50		12.6	mg/Kg-dry	1	03/20/2025 17:43	236228
Lead	NELAP	0.59	1.50		17.6	mg/Kg-dry	1	03/20/2025 17:43	236228
Lithium	NELAP	0.15	0.50		17.4	mg/Kg-dry	1	03/20/2025 17:43	236228
Selenium	NELAP	1.68	4.00		< 4.00	mg/Kg-dry	1	03/20/2025 17:43	236228
Silver	NELAP	0.11	0.50		< 0.50	mg/Kg-dry	1	03/20/2025 17:43	236228
SW-846 7471B									
Mercury	NELAP	0.006	0.014		0.019	mg/Kg-dry	1	03/14/2025 13:41	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-004

Client Sample ID: K & 18

Matrix: SOLID

Collection Date: 03/11/2025 9:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		40.1	%	1	03/17/2025 18:50	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	3.308	8.270		< 8.270	mg/Kg-dry	500	03/26/2025 13:48	236529
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	15.5	77.3		ND	mg/Kg-dry	1	03/17/2025 19:51	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.90	2.31		6.60	mg/Kg-dry	1	03/20/2025 17:54	236228
Barium	NELAP	0.16	0.46		160	mg/Kg-dry	1	03/20/2025 17:54	236228
Boron	NELAP	0.80	1.85		5.18	mg/Kg-dry	1	03/20/2025 17:54	236228
Cadmium	NELAP	0.05	0.19		0.47	mg/Kg-dry	1	03/20/2025 17:54	236228
Chromium	NELAP	0.21	0.46		21.4	mg/Kg-dry	1	03/20/2025 17:54	236228
Cobalt	NELAP	0.18	0.46		9.48	mg/Kg-dry	1	03/20/2025 17:54	236228
Lead	NELAP	0.55	1.39		38.7	mg/Kg-dry	1	03/20/2025 17:54	236228
Lithium	NELAP	0.14	0.46		12.6	mg/Kg-dry	1	03/20/2025 17:54	236228
Selenium	NELAP	1.56	3.70		< 3.70	mg/Kg-dry	1	03/20/2025 17:54	236228
Silver	NELAP	0.10	0.46		< 0.46	mg/Kg-dry	1	03/20/2025 17:54	236228
SW-846 7471B									
Mercury	NELAP	0.007	0.016		0.030	mg/Kg-dry	1	03/14/2025 13:43	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-005

Client Sample ID: P & 230

Matrix: SOLID

Collection Date: 03/11/2025 10:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		40.0	%	1	03/17/2025 18:50	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	3.199	7.999		< 7.999	mg/Kg-dry	500	03/26/2025 13:50	236529
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	15.9	79.3		ND	mg/Kg-dry	1	03/17/2025 20:03	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.93	2.40		8.58	mg/Kg-dry	1	03/20/2025 17:56	236228
Barium	NELAP	0.16	0.48		207	mg/Kg-dry	1	03/20/2025 17:56	236228
Boron	NELAP	0.86	2.00	S	3.11	mg/Kg-dry	1	03/25/2025 10:37	236454
Cadmium	NELAP	0.05	0.19		0.62	mg/Kg-dry	1	03/20/2025 17:56	236228
Chromium	NELAP	0.22	0.48		28.9	mg/Kg-dry	1	03/20/2025 17:56	236228
Cobalt	NELAP	0.18	0.48		22.1	mg/Kg-dry	1	03/20/2025 17:56	236228
Lead	NELAP	0.57	1.44		20.8	mg/Kg-dry	1	03/20/2025 17:56	236228
Lithium	NELAP	0.14	0.48		17.9	mg/Kg-dry	1	03/20/2025 17:56	236228
Selenium	NELAP	1.62	3.85		< 3.85	mg/Kg-dry	1	03/20/2025 17:56	236228
Silver	NELAP	0.11	0.48		< 0.48	mg/Kg-dry	1	03/20/2025 17:56	236228
<i>Matrix spike did not recover within control limits due to sample composition. Verified by re-prep and re-analysis.</i>									
SW-846 7471B									
Mercury	NELAP	0.007	0.016		0.025	mg/Kg-dry	1	03/14/2025 13:54	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-006

Client Sample ID: P & 350

Matrix: SOLID

Collection Date: 03/11/2025 10:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		29.9	%	1	03/17/2025 18:50	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	2.680	6.700		11.39	mg/Kg-dry	500	03/26/2025 13:51	236529
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	12.4	62.0		ND	mg/Kg-dry	1	03/17/2025 20:49	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.93	2.40		5.53	mg/Kg-dry	1	03/20/2025 18:01	236228
Barium	NELAP	0.16	0.48		187	mg/Kg-dry	1	03/20/2025 18:01	236228
Boron	NELAP	0.83	1.92		4.86	mg/Kg-dry	1	03/20/2025 18:01	236228
Cadmium	NELAP	0.05	0.19		0.36	mg/Kg-dry	1	03/20/2025 18:01	236228
Chromium	NELAP	0.22	0.48		17.0	mg/Kg-dry	1	03/20/2025 18:01	236228
Cobalt	NELAP	0.18	0.48		5.71	mg/Kg-dry	1	03/20/2025 18:01	236228
Lead	NELAP	0.57	1.44		16.3	mg/Kg-dry	1	03/20/2025 18:01	236228
Lithium	NELAP	0.14	0.48		9.67	mg/Kg-dry	1	03/20/2025 18:01	236228
Selenium	NELAP	1.62	3.85		< 3.85	mg/Kg-dry	1	03/20/2025 18:01	236228
Silver	NELAP	0.11	0.48		< 0.48	mg/Kg-dry	1	03/20/2025 18:01	236228
SW-846 7471B									
Mercury	NELAP	0.006	0.014		0.025	mg/Kg-dry	1	03/14/2025 13:57	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-007

Client Sample ID: NHR

Matrix: SOLID

Collection Date: 03/11/2025 11:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		41.2	%	1	03/17/2025 18:50	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.3383	0.8458		< 0.8458	mg/Kg-dry	50	03/26/2025 14:33	236529
<i>Results of the matrix spike have less certainty because value exceeds upper quantitation limits.</i>									
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	15.8	78.8		305	mg/Kg-dry	1	03/17/2025 21:01	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.97	2.50		4.04	mg/Kg-dry	1	03/20/2025 18:03	236228
Barium	NELAP	0.17	0.50		149	mg/Kg-dry	1	03/20/2025 18:03	236228
Boron	NELAP	0.86	2.00		11.4	mg/Kg-dry	1	03/20/2025 18:03	236228
Cadmium	NELAP	0.05	0.20		1.52	mg/Kg-dry	1	03/20/2025 18:03	236228
Chromium	NELAP	0.23	0.50		11.8	mg/Kg-dry	1	03/20/2025 18:03	236228
Cobalt	NELAP	0.19	0.50		4.88	mg/Kg-dry	1	03/20/2025 18:03	236228
Lead	NELAP	0.59	1.50		28.8	mg/Kg-dry	1	03/20/2025 18:03	236228
Lithium	NELAP	0.15	0.50		6.98	mg/Kg-dry	1	03/20/2025 18:03	236228
Selenium	NELAP	1.68	4.00		< 4.00	mg/Kg-dry	1	03/20/2025 18:03	236228
Silver	NELAP	0.11	0.50		< 0.50	mg/Kg-dry	1	03/20/2025 18:03	236228
SW-846 7471B									
Mercury	NELAP	0.007	0.016		0.027	mg/Kg-dry	1	03/14/2025 13:59	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-008

Client Sample ID: MLUF

Matrix: AQUEOUS

Collection Date: 03/11/2025 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 3500-CR B 2009, 2011									
Chromium, Hexavalent	*	0.0004	0.0010		0.0012	mg/L	1	03/14/2025 11:42	R361761
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	0.99	10.0		82.4	mg/L	10	03/15/2025 0:27	R361818
EPA 600 245.1 R3.0 (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	03/17/2025 17:21	236068
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)									
Barium	NELAP	0.0007	0.0025		0.0730	mg/L	1	03/20/2025 13:56	236081
Boron	NELAP	0.0090	0.0200		0.0341	mg/L	1	03/20/2025 13:56	236081
Cadmium	NELAP	0.0005	0.0018		< 0.0018	mg/L	1	03/20/2025 13:56	236081
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	03/20/2025 13:56	236081
Cobalt	NELAP	0.0020	0.0050		< 0.0050	mg/L	1	03/20/2025 13:56	236081
Lead	NELAP	0.0040	0.0100		< 0.0100	mg/L	1	03/20/2025 13:56	236081
Lithium	*	0.0187	0.0500		< 0.0500	mg/L	1	03/21/2025 18:40	236081
Selenium	NELAP	0.0170	0.0400		< 0.0400	mg/L	1	03/20/2025 13:56	236081
Silver	NELAP	0.0027	0.0070		< 0.0070	mg/L	1	03/20/2025 13:56	236081
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Arsenic	NELAP	0.0004	0.0004		0.0020	mg/L	5	03/18/2025 21:47	236081
<i>Results have less certainty for As - Client Requested Quantitation Limit is below the calibration range.</i>									
EPA 903.0/904.0, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306
Radium-228	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-009

Client Sample ID: MLF

Matrix: AQUEOUS

Collection Date: 03/11/2025 12:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 3500-CR B 2009, 2011									
Chromium, Hexavalent	*	0.0004	0.0010		0.0010	mg/L	1	03/14/2025 11:43	R361761
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	0.99	10.0		83.9	mg/L	10	03/15/2025 1:02	R361818
EPA 600 245.1 R3.0 (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	03/17/2025 17:24	236068
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)									
Barium	NELAP	0.0007	0.0025		0.0460	mg/L	1	03/20/2025 13:57	236081
Boron	NELAP	0.0090	0.0200		0.0356	mg/L	1	03/20/2025 13:57	236081
Cadmium	NELAP	0.0005	0.0018		< 0.0018	mg/L	1	03/20/2025 13:57	236081
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	03/20/2025 13:57	236081
Cobalt	NELAP	0.0020	0.0050		< 0.0050	mg/L	1	03/20/2025 13:57	236081
Lead	NELAP	0.0040	0.0100		< 0.0100	mg/L	1	03/20/2025 13:57	236081
Lithium	*	0.0187	0.0500		< 0.0500	mg/L	1	03/21/2025 18:24	236081
Selenium	NELAP	0.0170	0.0400		< 0.0400	mg/L	1	03/20/2025 13:57	236081
Silver	NELAP	0.0027	0.0070		< 0.0070	mg/L	1	03/20/2025 13:57	236081
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Arsenic	NELAP	0.0004	0.0004		0.0010	mg/L	5	03/18/2025 21:53	236081
<i>Results have less certainty for As - Client Requested Quantitation Limit is below the calibration range.</i>									
EPA 903.0/904.0, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306
Radium-228	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-010

Client Sample ID: MLS

Matrix: SOLID

Collection Date: 03/11/2025 14:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		31.4	%	1	03/17/2025 18:50	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.2809	0.7022		< 0.7022	mg/Kg-dry	50	03/26/2025 14:35	236529
<i>Elevated reporting limit due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	14.3	71.5		774	mg/Kg-dry	1	03/17/2025 21:13	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.93	2.40		10.7	mg/Kg-dry	1	03/20/2025 18:05	236228
Barium	NELAP	0.16	0.48		160	mg/Kg-dry	1	03/20/2025 18:05	236228
Boron	NELAP	0.83	1.92		7.21	mg/Kg-dry	1	03/20/2025 18:05	236228
Cadmium	NELAP	0.05	0.19		2.05	mg/Kg-dry	1	03/20/2025 18:05	236228
Chromium	NELAP	0.22	0.48		20.5	mg/Kg-dry	1	03/20/2025 18:05	236228
Cobalt	NELAP	0.18	0.48		15.2	mg/Kg-dry	1	03/20/2025 18:05	236228
Lead	NELAP	0.57	1.44		25.0	mg/Kg-dry	1	03/20/2025 18:05	236228
Lithium	NELAP	0.14	0.48		10.1	mg/Kg-dry	1	03/20/2025 18:05	236228
Selenium	NELAP	1.62	3.85		< 3.85	mg/Kg-dry	1	03/20/2025 18:05	236228
Silver	NELAP	0.11	0.48		< 0.48	mg/Kg-dry	1	03/20/2025 18:05	236228
SW-846 7471B									
Mercury	NELAP	0.007	0.015		0.020	mg/Kg-dry	1	03/14/2025 14:01	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-011

Client Sample ID: ASH

Matrix: SOLID

Collection Date: 03/11/2025 15:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550B, 5035A, ASTM D2974									
Percent Moisture	*	0.1	0.1		25.7	%	1	03/17/2025 18:50	R361921
SW-846 7196A									
Chromium, Hexavalent	NELAP	0.0538	0.1345	S	0.2017	mg/Kg-dry	10	03/26/2025 14:36	236529
<i>Matrix spike did not recover within control limits due to sample composition.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	13.5	67.3		2270	mg/Kg-dry	1	03/17/2025 21:24	236054
SW-846 3050B, 6010B, METALS BY ICP									
Arsenic	NELAP	0.97	2.50		13.8	mg/Kg-dry	1	03/20/2025 18:06	236228
Barium	NELAP	0.17	0.50		418	mg/Kg-dry	1	03/20/2025 18:06	236228
Boron	NELAP	0.86	2.00		363	mg/Kg-dry	1	03/20/2025 18:06	236228
Cadmium	NELAP	0.05	0.20		0.77	mg/Kg-dry	1	03/20/2025 18:06	236228
Chromium	NELAP	0.23	0.50		43.2	mg/Kg-dry	1	03/20/2025 18:06	236228
Cobalt	NELAP	0.19	0.50		11.6	mg/Kg-dry	1	03/20/2025 18:06	236228
Lead	NELAP	0.59	1.50		20.4	mg/Kg-dry	1	03/20/2025 18:06	236228
Lithium	NELAP	0.15	0.50		26.0	mg/Kg-dry	1	03/20/2025 18:06	236228
Selenium	NELAP	1.68	4.00		8.54	mg/Kg-dry	1	03/21/2025 18:21	236228
Silver	NELAP	0.11	0.50		< 0.50	mg/Kg-dry	1	03/20/2025 18:06	236228
SW-846 7471B									
Mercury	NELAP	0.030	0.066		0.831	mg/Kg-dry	5	03/14/2025 14:41	235927
EPA 903/904, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306
Radium-228	*	0	0		See Attached	pCi/Kg	1	04/02/2025 14:16	R363306

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-012

Client Sample ID: DCUF

Matrix: AQUEOUS

Collection Date: 03/11/2025 15:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 3500-CR B 2009, 2011									
Chromium, Hexavalent	*	0.0004	0.0010		0.0010	mg/L	1	03/14/2025 11:45	R361761
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	0.99	10.0		138	mg/L	10	03/15/2025 1:13	R361818
EPA 600 245.1 R3.0 (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	03/17/2025 17:26	236068
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)									
Barium	NELAP	0.0007	0.0025		0.0782	mg/L	1	03/20/2025 13:59	236081
Boron	NELAP	0.0090	0.0200		0.0499	mg/L	1	03/20/2025 13:59	236081
Cadmium	NELAP	0.0005	0.0018		< 0.0018	mg/L	1	03/20/2025 13:59	236081
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	03/20/2025 13:59	236081
Cobalt	NELAP	0.0020	0.0050		< 0.0050	mg/L	1	03/20/2025 13:59	236081
Lead	NELAP	0.0040	0.0100		< 0.0100	mg/L	1	03/20/2025 13:59	236081
Lithium	*	0.0187	0.0500		< 0.0500	mg/L	1	03/21/2025 18:42	236081
Selenium	NELAP	0.0170	0.0400		< 0.0400	mg/L	1	03/20/2025 13:59	236081
Silver	NELAP	0.0027	0.0070		< 0.0070	mg/L	1	03/20/2025 13:59	236081
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Arsenic	NELAP	0.0004	0.0004		0.0016	mg/L	5	03/18/2025 23:22	236081
<i>Results have less certainty for As - Client Requested Quantitation Limit is below the calibration range.</i>									
EPA 903.0/904.0, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306
Radium-228	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306



Laboratory Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-013

Client Sample ID: DCF

Matrix: AQUEOUS

Collection Date: 03/11/2025 16:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 3500-CR B 2009, 2011									
Chromium, Hexavalent	*	0.0004	0.0010		0.0012	mg/L	1	03/14/2025 11:46	R361761
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	0.99	10.0		137	mg/L	10	03/15/2025 2:00	R361818
EPA 600 245.1 R3.0 (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	03/17/2025 17:28	236068
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)									
Barium	NELAP	0.0007	0.0025		0.0643	mg/L	1	03/20/2025 14:00	236081
Boron	NELAP	0.0090	0.0200		0.0480	mg/L	1	03/20/2025 14:00	236081
Cadmium	NELAP	0.0005	0.0018		< 0.0018	mg/L	1	03/20/2025 14:00	236081
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	03/20/2025 14:00	236081
Cobalt	NELAP	0.0020	0.0050		< 0.0050	mg/L	1	03/20/2025 14:00	236081
Lead	NELAP	0.0040	0.0100		< 0.0100	mg/L	1	03/20/2025 14:00	236081
Lithium	*	0.0187	0.0500		< 0.0500	mg/L	1	03/21/2025 18:43	236081
Selenium	NELAP	0.0170	0.0400		< 0.0400	mg/L	1	03/20/2025 14:00	236081
Silver	NELAP	0.0027	0.0070		< 0.0070	mg/L	1	03/20/2025 14:00	236081
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Arsenic	NELAP	0.0004	0.0004		0.0009	mg/L	5	03/18/2025 23:28	236081
<i>Results have less certainty for As - Client Requested Quantitation Limit is below the calibration range.</i>									
EPA 903.0/904.0, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306
Radium-228	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-014

Client Sample ID: TLI

Matrix: AQUEOUS

Collection Date: 03/11/2025 17:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 3500-CR B 2009, 2011									
Chromium, Hexavalent	*	0.0004	0.0010		0.0012	mg/L	1	03/14/2025 11:49	R361761
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	0.99	10.0		41.6	mg/L	10	03/15/2025 2:11	R361818
EPA 600 245.1 R3.0 (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	03/17/2025 17:30	236068
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)									
Barium	NELAP	0.0007	0.0025		0.0793	mg/L	1	03/20/2025 14:00	236081
Boron	NELAP	0.0090	0.0200		0.0235	mg/L	1	03/20/2025 14:00	236081
Cadmium	NELAP	0.0005	0.0018		< 0.0018	mg/L	1	03/20/2025 14:00	236081
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	03/20/2025 14:00	236081
Cobalt	NELAP	0.0020	0.0050		< 0.0050	mg/L	1	03/20/2025 14:00	236081
Lead	NELAP	0.0040	0.0100		< 0.0100	mg/L	1	03/20/2025 14:00	236081
Lithium	*	0.0187	0.0500		< 0.0500	mg/L	1	03/21/2025 18:45	236081
Selenium	NELAP	0.0170	0.0400		< 0.0400	mg/L	1	03/20/2025 14:00	236081
Silver	NELAP	0.0027	0.0070		< 0.0070	mg/L	1	03/20/2025 14:00	236081
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Arsenic	NELAP	0.0004	0.0004		0.0017	mg/L	5	03/18/2025 23:34	236081
<i>Results have less certainty for As - Client Requested Quantitation Limit is below the calibration range.</i>									
EPA 903.0/904.0, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306
Radium-228	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-015

Client Sample ID: TLI-F

Matrix: AQUEOUS

Collection Date: 03/11/2025 17:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 3500-CR B 2009, 2011									
Chromium, Hexavalent	*	0.0004	0.0010		0.0012	mg/L	1	03/14/2025 11:52	R361761
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	0.99	10.0		41.8	mg/L	10	03/15/2025 2:23	R361818
EPA 600 245.1 R3.0 (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	03/17/2025 17:33	236068
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)									
Barium	NELAP	0.0007	0.0025		0.0654	mg/L	1	03/20/2025 14:01	236081
Boron	NELAP	0.0090	0.0200		0.0246	mg/L	1	03/20/2025 14:01	236081
Cadmium	NELAP	0.0005	0.0018		< 0.0018	mg/L	1	03/20/2025 14:01	236081
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	03/20/2025 14:01	236081
Cobalt	NELAP	0.0020	0.0050		< 0.0050	mg/L	1	03/20/2025 14:01	236081
Lead	NELAP	0.0040	0.0100		< 0.0100	mg/L	1	03/20/2025 14:01	236081
Lithium	*	0.0187	0.0500		< 0.0500	mg/L	1	03/21/2025 18:46	236081
Selenium	NELAP	0.0170	0.0400		< 0.0400	mg/L	1	03/20/2025 14:01	236081
Silver	NELAP	0.0027	0.0070		< 0.0070	mg/L	1	03/20/2025 14:01	236081
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Arsenic	NELAP	0.0004	0.0004		0.0011	mg/L	5	03/18/2025 23:40	236081
<i>Results have less certainty for As - Client Requested Quantitation Limit is below the calibration range.</i>									
EPA 903.0/904.0, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306
Radium-228	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab ID: 25031146-016

Client Sample ID: Field Blank

Matrix: AQUEOUS

Collection Date: 03/11/2025 18:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 3500-CR B 2009, 2011									
Chromium, Hexavalent	*	0.0020	0.0050		< 0.0050	mg/L	5	03/14/2025 12:21	R361761
<i>Elevated reporting limit due to matrix interference.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	03/15/2025 2:35	R361818
EPA 600 245.1 R3.0 (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	03/17/2025 17:44	236068
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)									
Barium	NELAP	0.0007	0.0025		< 0.0025	mg/L	1	03/20/2025 14:02	236081
Boron	NELAP	0.0090	0.0200		< 0.0200	mg/L	1	03/20/2025 14:02	236081
Cadmium	NELAP	0.0005	0.0018		< 0.0018	mg/L	1	03/20/2025 14:02	236081
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	03/20/2025 14:02	236081
Cobalt	NELAP	0.0020	0.0050		< 0.0050	mg/L	1	03/20/2025 14:02	236081
Lead	NELAP	0.0040	0.0100		< 0.0100	mg/L	1	03/20/2025 14:02	236081
Lithium	*	0.0187	0.0500		< 0.0500	mg/L	1	03/21/2025 18:48	236081
Selenium	NELAP	0.0170	0.0400		< 0.0400	mg/L	1	03/20/2025 14:02	236081
Silver	NELAP	0.0027	0.0070		< 0.0070	mg/L	1	03/20/2025 14:02	236081
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Arsenic	NELAP	0.0004	0.0004		< 0.0004	mg/L	5	03/18/2025 23:47	236081
<i>Results have less certainty for As - Client Requested Quantitation Limit is below the calibration range.</i>									
EPA 903.0/904.0, RADIUM 226/228									
Radium-226	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306
Radium-228	*	0	0		See Attached	pci/L	1	04/10/2025 15:44	R363306



Sample Summary

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25031146-001	DSR	Solid	3	03/10/2025 14:17
25031146-002	CCAD	Solid	3	03/11/2025 8:12
25031146-003	18 & 901	Solid	3	03/11/2025 8:57
25031146-004	K & 18	Solid	3	03/11/2025 9:40
25031146-005	P & 230	Solid	3	03/11/2025 10:34
25031146-006	P & 350	Solid	3	03/11/2025 10:55
25031146-007	NHR	Solid	3	03/11/2025 11:35
25031146-008	MLUF	Aqueous	5	03/11/2025 12:40
25031146-009	MLF	Aqueous	5	03/11/2025 12:55
25031146-010	MLS	Solid	3	03/11/2025 14:25
25031146-011	ASH	Solid	3	03/11/2025 15:08
25031146-012	DCUF	Aqueous	5	03/11/2025 15:45
25031146-013	DCF	Aqueous	5	03/11/2025 16:00
25031146-014	TLI	Aqueous	5	03/11/2025 17:24
25031146-015	TLI-F	Aqueous	5	03/11/2025 17:33
25031146-016	Field Blank	Aqueous	5	03/11/2025 18:15



Dates Report

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
25031146-001A	DSR	03/10/2025 14:17	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:49
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 17:40
	SW-846 7196A			03/25/2025 14:49	03/26/2025 14:29
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:36
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 18:53
25031146-001B	DSR	03/10/2025 14:17	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-002A	CCAD	03/11/2025 8:12	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:49
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 17:42
	SW-846 7196A			03/25/2025 14:49	03/26/2025 13:41
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:38
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 19:28
25031146-002B	CCAD	03/11/2025 8:12	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-003A	18 & 901	03/11/2025 8:57	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:50
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 17:43
	SW-846 7196A			03/25/2025 14:49	03/26/2025 13:47
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:41
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 19:39
25031146-003B	18 & 901	03/11/2025 8:57	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-004A	K & 18	03/11/2025 9:40	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:50
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 17:54
	SW-846 7196A			03/25/2025 14:49	03/26/2025 13:48
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:43
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 19:51
25031146-004B	K & 18	03/11/2025 9:40	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-005A	P & 230	03/11/2025 10:34	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:50
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 17:56
	SW-846 3050B, 6010B, Metals by ICP			03/24/2025 14:00	03/25/2025 10:37

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 7196A			03/25/2025 14:49	03/26/2025 13:50
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:54
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 20:03
25031146-005B	P & 230	03/11/2025 10:34	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-006A	P & 350	03/11/2025 10:55	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:50
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 18:01
	SW-846 7196A			03/25/2025 14:49	03/26/2025 13:51
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:57
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 20:49
25031146-006B	P & 350	03/11/2025 10:55	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-007A	NHR	03/11/2025 11:35	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:50
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 18:03
	SW-846 7196A			03/25/2025 14:49	03/26/2025 14:33
	SW-846 7471B			03/14/2025 10:03	03/14/2025 13:59
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 21:01
25031146-007B	NHR	03/11/2025 11:35	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-008B	MLUF	03/11/2025 12:40	03/13/2025 12:55		
	SW846 9056A Total Anionic Compounds by Ion Chromatography				03/15/2025 0:27
25031146-008C	MLUF	03/11/2025 12:40	03/13/2025 12:55		
	EPA 903.0/904.0, Radium 226/228				04/10/2025 15:44
25031146-008D	MLUF	03/11/2025 12:40	03/13/2025 12:55		
	EPA 600 245.1 R3.0 (Total)			03/17/2025 10:05	03/17/2025 17:21
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/20/2025 13:56
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/21/2025 18:40
	EPA 600 4.1.4, 200.8 R5.4, Metals by ICPMS (Total)			03/17/2025 11:35	03/18/2025 21:47
25031146-008E	MLUF	03/11/2025 12:40	03/13/2025 12:55		
	Standard Methods 3500-Cr B 2009, 2011				03/14/2025 11:42
25031146-009B	MLF	03/11/2025 12:55	03/13/2025 12:55		
	SW846 9056A Total Anionic Compounds by Ion Chromatography				03/15/2025 1:02
25031146-009C	MLF	03/11/2025 12:55	03/13/2025 12:55		
	EPA 903.0/904.0, Radium 226/228				04/10/2025 15:44



Dates Report

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
25031146-009D	MLF	03/11/2025 12:55	03/13/2025 12:55		
	EPA 600 245.1 R3.0 (Total)			03/17/2025 10:05	03/17/2025 17:24
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/20/2025 13:57
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/21/2025 18:24
	EPA 600 4.1.4, 200.8 R5.4, Metals by ICPMS (Total)			03/17/2025 11:35	03/18/2025 21:53
25031146-009E	MLF	03/11/2025 12:55	03/13/2025 12:55		
	Standard Methods 3500-Cr B 2009, 2011				03/14/2025 11:43
25031146-010A	MLS	03/11/2025 14:25	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:50
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 18:05
	SW-846 7196A			03/25/2025 14:49	03/26/2025 14:35
	SW-846 7471B			03/14/2025 10:03	03/14/2025 14:01
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 21:13
25031146-010B	MLS	03/11/2025 14:25	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-011A	ASH	03/11/2025 15:08	03/13/2025 12:55		
	EPA SW846 3550B, 5035A, ASTM D2974				03/17/2025 18:50
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/20/2025 18:06
	SW-846 3050B, 6010B, Metals by ICP			03/19/2025 16:27	03/21/2025 18:21
	SW-846 7196A			03/25/2025 14:49	03/26/2025 14:36
	SW-846 7471B			03/14/2025 10:03	03/14/2025 14:41
	SW846 9056A Total Anionic Compounds by Ion Chromatography			03/17/2025 5:55	03/17/2025 21:24
25031146-011B	ASH	03/11/2025 15:08	03/13/2025 12:55		
	EPA 903/904, Radium 226/228				04/02/2025 14:16
25031146-012B	DCUF	03/11/2025 15:45	03/13/2025 12:55		
	SW846 9056A Total Anionic Compounds by Ion Chromatography				03/15/2025 1:13
25031146-012C	DCUF	03/11/2025 15:45	03/13/2025 12:55		
	EPA 903.0/904.0, Radium 226/228				04/10/2025 15:44
25031146-012D	DCUF	03/11/2025 15:45	03/13/2025 12:55		
	EPA 600 245.1 R3.0 (Total)			03/17/2025 10:05	03/17/2025 17:26
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/20/2025 13:59
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/21/2025 18:42
	EPA 600 4.1.4, 200.8 R5.4, Metals by ICPMS (Total)			03/17/2025 11:35	03/18/2025 23:22
25031146-012E	DCUF	03/11/2025 15:45	03/13/2025 12:55		
	Standard Methods 3500-Cr B 2009, 2011				03/14/2025 11:45
25031146-013B	DCF	03/11/2025 16:00	03/13/2025 12:55		



Dates Report

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW846 9056A Total Anionic Compounds by Ion Chromatography				03/15/2025 2:00
25031146-013C	DCF	03/11/2025 16:00	03/13/2025 12:55		
	EPA 903.0/904.0, Radium 226/228				04/10/2025 15:44
25031146-013D	DCF	03/11/2025 16:00	03/13/2025 12:55		
	EPA 600 245.1 R3.0 (Total)			03/17/2025 10:05	03/17/2025 17:28
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/20/2025 14:00
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/21/2025 18:43
	EPA 600 4.1.4, 200.8 R5.4, Metals by ICPMS (Total)			03/17/2025 11:35	03/18/2025 23:28
25031146-013E	DCF	03/11/2025 16:00	03/13/2025 12:55		
	Standard Methods 3500-Cr B 2009, 2011				03/14/2025 11:46
25031146-014B	TLI	03/11/2025 17:24	03/13/2025 12:55		
	SW846 9056A Total Anionic Compounds by Ion Chromatography				03/15/2025 2:11
25031146-014C	TLI	03/11/2025 17:24	03/13/2025 12:55		
	EPA 903.0/904.0, Radium 226/228				04/10/2025 15:44
25031146-014D	TLI	03/11/2025 17:24	03/13/2025 12:55		
	EPA 600 245.1 R3.0 (Total)			03/17/2025 10:05	03/17/2025 17:30
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/20/2025 14:00
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/21/2025 18:45
	EPA 600 4.1.4, 200.8 R5.4, Metals by ICPMS (Total)			03/17/2025 11:35	03/18/2025 23:34
25031146-014E	TLI	03/11/2025 17:24	03/13/2025 12:55		
	Standard Methods 3500-Cr B 2009, 2011				03/14/2025 11:49
25031146-015B	TLI-F	03/11/2025 17:33	03/13/2025 12:55		
	SW846 9056A Total Anionic Compounds by Ion Chromatography				03/15/2025 2:23
25031146-015C	TLI-F	03/11/2025 17:33	03/13/2025 12:55		
	EPA 903.0/904.0, Radium 226/228				04/10/2025 15:44
25031146-015D	TLI-F	03/11/2025 17:33	03/13/2025 12:55		
	EPA 600 245.1 R3.0 (Total)			03/17/2025 10:05	03/17/2025 17:33
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/20/2025 14:01
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/21/2025 18:46
	EPA 600 4.1.4, 200.8 R5.4, Metals by ICPMS (Total)			03/17/2025 11:35	03/18/2025 23:40
25031146-015E	TLI-F	03/11/2025 17:33	03/13/2025 12:55		
	Standard Methods 3500-Cr B 2009, 2011				03/14/2025 11:52
25031146-016B	Field Blank	03/11/2025 18:15	03/13/2025 12:55		
	SW846 9056A Total Anionic Compounds by Ion Chromatography				03/15/2025 2:35
25031146-016C	Field Blank	03/11/2025 18:15	03/13/2025 12:55		
	EPA 903.0/904.0, Radium 226/228				04/10/2025 15:44



Dates Report

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
25031146-016D	Field Blank	03/11/2025 18:15	03/13/2025 12:55		
	EPA 600 245.1 R3.0 (Total)			03/17/2025 10:05	03/17/2025 17:44
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/20/2025 14:02
	EPA 600 4.1.4, 200.7R4.4, Metals by ICP (Total)			03/17/2025 11:35	03/21/2025 18:48
	EPA 600 4.1.4, 200.8 R5.4, Metals by ICPMS (Total)			03/17/2025 11:35	03/18/2025 23:47
25031146-016E	Field Blank	03/11/2025 18:15	03/13/2025 12:55		
	Standard Methods 3500-Cr B 2009, 2011				03/14/2025 12:21



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

EPA SW846 3550B, 5035A, ASTM D2974

Batch R361921		SampType: LCS		Units %						
SampID: LCS										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	03/17/2025

STANDARD METHODS 3500-CR B 2009, 2011

Batch R361761		SampType: MBLK		Units mg/L							
SampID: MB-R361761											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chromium, Hexavalent	*	0.0010		< 0.0010	0.0004	0	0	-100	100	03/14/2025	

Batch R361761		SampType: LCS		Units mg/L							
SampID: LCS-R361761											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent	*	0.0010		0.0549	0.0500	0	109.8	90	110	03/14/2025	

Batch R361761		SampType: MS		Units mg/L							Date Analyzed
SampID: 25031146-008EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chromium, Hexavalent	*	0.0010		0.0491	0.0500	0.001200	95.8	85	115		

Batch R361761		SampType: MS		Units mg/L							
SampID: 25031146-009EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent	*	0.0010		0.0499	0.0500	0.001000	97.8	85	115	03/14/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

STANDARD METHODS 3500-CR B 2009, 2011

Batch R361761 SampType: MS Units mg/L

SampID: 25031146-012EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent	*	0.0010		0.0450	0.0500	0.001000	88.0	85	115	03/14/2025

Batch R361761 SampType: MS Units mg/L

SampID: 25031146-013EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent	*	0.0010		0.0486	0.0500	0.001200	94.8	85	115	03/14/2025

Batch R361761 SampType: MS Units mg/L

SampID: 25031146-014EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent	*	0.0010		0.0470	0.0500	0.001200	91.6	85	115	03/14/2025

Batch R361761 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031146-014EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium, Hexavalent	*	0.0010		0.0509	0.0500	0.001200	99.4	0.04700	7.97	03/14/2025

Batch R361761 SampType: MS Units mg/L

SampID: 25031146-015EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent	*	0.0010		0.0534	0.0500	0.001200	104.4	85	115	03/14/2025

Batch R361761 SampType: MS Units mg/L

SampID: 25031146-016EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent	*	0.0050		0.2675	0.2500	0.002000	106.2	85	115	03/14/2025

SW-846 7196A

Batch 236529 SampType: MBLK Units mg/Kg

SampID: MBLK-236529

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0100		< 0.0100	0.0004	0	0	-100	100	03/26/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

SW-846 7196A

Batch 236529 SampType: MBLK Units mg/Kg

SampID: MB-R362364

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		< 0.0010	0.0004	0	0	-100	100	03/26/2025

Batch 236529 SampType: LCS Units mg/Kg

SampID: LCS-R362364

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		0.0547	0.0500	0	109.4	90	110	03/26/2025

Batch 236529 SampType: MS Units mg/Kg-dry

SampID: 25031146-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.1347		9.000	6.737	3.234	85.6	85	115	03/26/2025

Batch 236529 SampType: MSD Units mg/Kg-dry

RPD Limit 10

SampID: 25031146-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium, Hexavalent		0.1347	R	10.51	6.737	3.234	108.0	9.000	15.47	03/26/2025

Batch 236529 SampType: MS Units mg/Kg-dry

SampID: 25031146-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		8.412		370.1	420.6	0	88.0	85	115	03/26/2025

Batch 236529 SampType: MS Units mg/Kg-dry

SampID: 25031146-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		6.932		346.6	346.6	4.852	98.6	85	115	03/26/2025

Batch 236529 SampType: MS Units mg/Kg-dry

SampID: 25031146-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		8.270		391.2	413.5	0	94.6	85	115	03/26/2025

Batch 236529 SampType: MS Units mg/Kg-dry

SampID: 25031146-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		7.999		399.1	399.9	7.199	98.0	85	115	03/26/2025



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

SW-846 7196A

Batch 236529		SampType: MS		Units mg/Kg-dry						
SampID: 25031146-006AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		6.700		331.0	335.0	11.39	95.4	85	115	03/26/2025

Batch 236529		SampType: MS		Units mg/Kg-dry							
SampID: 25031146-007AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chromium, Hexavalent		0.8458		37.13	42.29	0	87.8	85	115	03/26/2025	

Batch 236529		SampType: MS		Units mg/Kg-dry							
SampID: 25031146-010AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.7022		32.86	35.11	0	93.6	85	115	03/26/2025	

Batch 236529		SampType: MS		Units mg/Kg-dry							
SampID: 25031146-011AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium, Hexavalent		0.1345	S	4.935	6.724	0.2017	70.4	85	115	03/26/2025	

Batch 236529		SampType: MSD		Units mg/Kg-dry				RPD Limit 10			
SampID: 25031146-011AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium, Hexavalent			0.1345	S	4.559	6.724	0.2017	64.8	4.935	7.93	03/26/2025

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch 236000		SampType: MBLK		Units mg/Kg							
SampID: MBLK 250314 IC-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50.0		ND	10.00	0	0	0	100	03/15/2025	

Batch 236000		SampType: LCS		Units mg/Kg							
SampID: LCS 250314 IC-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50.0	S	ND	200.0	0	0	80	120	03/15/2025	



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch 236054		SampType: MBLK		Units mg/Kg							
SampID: MBLK 250317 IC-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50.0		ND	10.00	0	0	0	100	03/17/2025	

Batch 236054		SampType: LCS		Units mg/Kg							
SampID: LCS 250317 IC-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50.0		186	200.0	0	92.9	80	120	03/17/2025	

Batch 236054		SampType: MS		Units mg/Kg-dry							
SampID: 25031146-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		68.7		262	274.6	16.06	89.6	80	120	03/17/2025	

Batch 236054		SampType: MSD		Units mg/Kg-dry				RPD Limit 15			
SampID: 25031146-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			69.3		264	277.3	16.06	89.3	262.0	0.62	03/17/2025

Batch R361818		SampType: MBLK		Units mg/L							
SampID: MBLK/ICB											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate			1.00		ND	0.0990	0	0	0	100	03/14/2025

Batch R361818		SampType: LCS		Units mg/L							
SampID: LCS/ICV/QCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		1.00		18.9	20.00	0	94.7	90	110	03/14/2025	

Batch R361818		SampType: MS		Units mg/L							
SampID: 25031146-008BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10.0		279	200.0	82.39	98.3	80	120	03/15/2025	

Batch R361818		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25031146-008BMMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			10.0		279	200.0	82.39	98.4	278.9	0.12	03/15/2025



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

EPA 600 245.1 R3.0 (TOTAL)

Batch 236068		SampType: MBLK		Units mg/L							
SampID: MBLK-236068											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	03/17/2025	

Batch 236068		SampType: LCS		Units mg/L							
SampID: LCS-236068											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00464	0.0050	0	92.7	85	115	03/17/2025	

Batch 236068		SampType: MS		Units mg/L							
SampID: 25031146-015DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00447	0.0050	0	89.4	75	125	03/17/2025	

Batch 236068		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25031146-015DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00451	0.0050	0	90.1	0.004471	0.75	03/17/2025

EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)

Batch 236081		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-236081											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	03/20/2025	
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	03/20/2025	
Cadmium		0.0020		< 0.0020	0.0005	0	100.0	-100	100	03/20/2025	
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	03/20/2025	
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	03/20/2025	
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	03/20/2025	
Lithium	*	0.0500		< 0.0500	0.0019	0	0	-100	100	03/21/2025	
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	03/20/2025	
Silver		0.0070		< 0.0070	0.0027	0	0	-100	100	03/20/2025	
Silver		0.0070		< 0.0070	0.0027	0	0	-100	100	03/21/2025	



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)

Batch 236081		SampType: LCS		Units mg/L							
SampID: LCS-236081											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Barium		0.0025		4.10	4.000	0	102.5	85	115	03/20/2025	
Boron		0.0200		0.931	1.000	0	93.1	85	115	03/20/2025	
Cadmium		0.0020		0.113	0.1000	0	112.9	85	115	03/20/2025	
Chromium		0.0050		0.399	0.4000	0	99.7	85	115	03/20/2025	
Cobalt		0.0050		0.975	1.000	0	97.5	85	115	03/20/2025	
Lead		0.0150		0.983	1.000	0	98.3	85	115	03/20/2025	
Lithium	*	0.0500		0.976	1.000	0	97.6	85	115	03/21/2025	
Selenium		0.0400		0.998	1.000	0	99.8	85	115	03/20/2025	
Silver		0.0070		0.0954	0.1000	0	95.4	85	115	03/21/2025	
Silver		0.0070		0.102	0.1000	0	102.4	85	115	03/20/2025	

Batch 236081		SampType: MS		Units mg/L							Date Analyzed
SampID: 25031146-009DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Barium		0.0025		4.11	4.000	0.04600	101.6	75	125	03/20/2025	
Boron		0.0200		0.964	1.000	0.03560	92.9	75	125	03/20/2025	
Cadmium		0.0020		0.112	0.1000	0	111.5	75	125	03/20/2025	
Chromium		0.0050		0.397	0.4000	0	99.2	75	125	03/20/2025	
Cobalt		0.0050		0.978	1.000	0	97.8	75	125	03/20/2025	
Lead		0.0150		0.975	1.000	0	97.5	75	125	03/20/2025	
Lithium	*	0.0500		1.02	1.000	0	102.0	75	125	03/21/2025	
Selenium		0.0400		0.963	1.000	0	96.3	75	125	03/20/2025	
Silver		0.0070		0.103	0.1000	0.002800	100.6	75	125	03/20/2025	

Batch 236081		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25031146-009DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		0.0025		4.22	4.000	0.04600	104.4	4.110	2.64	03/20/2025
Boron		0.0200		0.996	1.000	0.03560	96.1	0.9645	3.23	03/20/2025
Cadmium		0.0020		0.116	0.1000	0	115.5	0.1115	3.52	03/20/2025
Chromium		0.0050		0.411	0.4000	0	102.6	0.3966	3.47	03/20/2025
Cobalt		0.0050		1.01	1.000	0	100.9	0.9783	3.13	03/20/2025
Lead		0.0150		1.01	1.000	0	100.8	0.9753	3.30	03/20/2025
Lithium	*	0.0500		1.04	1.000	0	104.0	1.020	1.94	03/21/2025
Selenium		0.0400		1.01	1.000	0	100.7	0.9630	4.45	03/20/2025
Silver		0.0070		0.107	0.1000	0.002800	104.1	0.1034	3.33	03/20/2025



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)

Batch 236081 SampType: MBLK Units mg/L

SampID: MBLK-236081

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	03/18/2025

Batch 236081 SampType: LCS Units mg/L

SampID: LCS-236081

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		1.01	1.000	0	101.3	85	115	03/18/2025

Batch 236081 SampType: MS Units mg/L

SampID: 25031146-009DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		1.01	1.000	0.001037	100.6	70	130	03/18/2025

Batch 236081 SampType: MSD Units mg/L

SampID: 25031146-009DMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0010		1.02	1.000	0.001037	101.9	1.007	1.26	03/18/2025

SW-846 3050B, 6010B, METALS BY ICP

Batch 236081 SampType: MBLK Units mg/L

SampID: MBLK-236081

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	03/20/2025

Batch 236081 SampType: LCS Units mg/L

SampID: LCS-236081

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		0.981	1.000	0	98.1	85	115	03/20/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

SW-846 3050B, 6010B, METALS BY ICP

Batch 236228 SampType: MBLK Units mg/Kg-dry

SampleID: MBLK-236228

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.50		< 2.50	0.9700	0	0	-100	100	03/20/2025
Barium		0.50		< 0.50	0.1700	0	0	-100	100	03/20/2025
Boron		2.00		< 2.00	0.8600	0	0	-100	100	03/20/2025
Cadmium		0.20		< 0.20	0.0500	0	0	-100	100	03/20/2025
Chromium		0.50		< 0.50	0.2300	0	0	-100	100	03/20/2025
Cobalt		0.50		< 0.50	0.1900	0	0	-100	100	03/20/2025
Lead		1.50		< 1.50	0.5900	0	0	-100	100	03/20/2025
Lithium		0.50		< 0.50	0.1500	0	0	-100	100	03/20/2025
Selenium		4.00		< 4.00	1.680	0	0	-100	100	03/20/2025
Silver		0.50		< 0.50	0.1100	0	0	-100	100	03/20/2025

Batch 236228 SampType: LCS Units mg/Kg-dry

SampleID: LCS-236228

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.50		49.8	50.00	0	99.5	85	115	03/20/2025
Barium		0.50		198	200.0	0	98.8	85	115	03/20/2025
Boron		2.00		45.7	50.00	0	91.4	85	115	03/20/2025
Cadmium		0.20		4.88	5.000	0	97.6	85	115	03/20/2025
Chromium		0.50		20.0	20.00	0	100.1	85	115	03/20/2025
Cobalt		0.50		49.3	50.00	0	98.5	85	115	03/20/2025
Lead		1.50		48.6	50.00	0	97.1	85	115	03/20/2025
Lithium		0.50		47.9	50.00	0	95.9	85	115	03/20/2025
Selenium		4.00		45.7	50.00	0	91.5	85	115	03/20/2025
Silver		0.50		4.78	5.000	0	95.6	85	115	03/20/2025



Quality Control Results

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Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

SW-846 3050B, 6010B, METALS BY ICP

Batch 236228 SampType: MS Units mg/Kg-dry

SampID: 25031146-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.45		55.0	49.02	8.577	94.6	75	125	03/20/2025
Barium		0.49		388	196.1	206.7	92.6	75	125	03/20/2025
Cadmium		0.20		5.01	4.902	0.6154	89.6	75	125	03/20/2025
Chromium		0.49		50.6	19.61	28.93	110.6	75	125	03/20/2025
Cobalt		0.49		68.2	49.02	22.07	94.1	75	125	03/20/2025
Lead		1.47		66.4	49.02	20.82	93.0	75	125	03/20/2025
Lithium		0.49		67.7	49.02	17.88	101.7	75	125	03/20/2025
Selenium		3.92		40.5	49.02	0	82.7	75	125	03/20/2025
Silver		0.49		4.88	4.902	0.2404	94.7	75	125	03/20/2025

Batch 236228 SampType: MSD Units mg/Kg-dry

RPD Limit 20

SampID: 25031146-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		2.40		55.9	48.08	8.577	98.5	54.95	1.79	03/20/2025
Barium		0.48		391	192.3	206.7	96.0	388.2	0.80	03/20/2025
Cadmium		0.19		5.06	4.808	0.6154	92.4	5.010	0.95	03/20/2025
Chromium		0.48		49.7	19.23	28.93	108.1	50.62	1.79	03/20/2025
Cobalt		0.48		68.9	48.08	22.07	97.5	68.19	1.07	03/20/2025
Lead		1.44		66.3	48.08	20.82	94.7	66.39	0.07	03/20/2025
Lithium		0.48		67.0	48.08	17.88	102.1	67.72	1.13	03/20/2025
Selenium		3.85		40.7	48.08	0	84.6	40.53	0.33	03/20/2025
Silver		0.48		4.97	4.808	0.2404	98.4	4.882	1.80	03/20/2025

Batch 236454 SampType: MBLK Units mg/Kg-dry

SampID: MBLK-236454

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.50		< 2.50	0.9700	0	0	-100	100	03/25/2025
Barium		0.50		< 0.50	0.1700	0	0	-100	100	03/25/2025
Boron		2.00		< 2.00	0.8600	0	0	-100	100	03/25/2025
Cadmium		0.20		< 0.20	0.0500	0	0	-100	100	03/25/2025
Chromium		0.50		< 0.50	0.2300	0	0	-100	100	03/25/2025
Cobalt		0.50		< 0.50	0.1900	0	0	-100	100	03/25/2025
Lead		1.50		< 1.50	0.5900	0	0	-100	100	03/25/2025
Lithium		0.50		< 0.50	0.1500	0	0	-100	100	03/25/2025
Selenium		4.00		< 4.00	1.680	0	0	-100	100	03/25/2025
Silver		0.50		< 0.50	0.1100	0	0	-100	100	03/25/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

SW-846 3050B, 6010B, METALS BY ICP

Batch 236454 SampType: LCS Units mg/Kg-dry

SampID: LCS-236454

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		2.50		49.4	50.00	0	98.7	85	115	03/25/2025
Barium		0.50		205	200.0	0	102.5	85	115	03/25/2025
Boron		2.00		46.7	50.00	0	93.5	85	115	03/25/2025
Cadmium		0.20		4.88	5.000	0	97.6	85	115	03/25/2025
Chromium		0.50		20.4	20.00	0	101.8	85	115	03/25/2025
Cobalt		0.50		49.7	50.00	0	99.4	85	115	03/25/2025
Lead		1.50		48.7	50.00	0	97.4	85	115	03/25/2025
Lithium		0.50		49.3	50.00	0	98.5	85	115	03/25/2025
Selenium		4.00		45.9	50.00	0	91.8	85	115	03/25/2025
Silver		0.50		4.92	5.000	0	98.4	85	115	03/25/2025

Batch 236454 SampType: MS Units mg/Kg-dry

SampID: 25031146-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		1.89	S	794	47.17	3.110	1676	75	125	03/25/2025

Batch 236454 SampType: MSD Units mg/Kg-dry

RPD Limit 20

SampID: 25031146-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		1.89	S	808	47.17	3.110	1706	793.7	1.74	03/25/2025

SW-846 7471B

Batch 235927 SampType: MBLK Units mg/Kg

SampID: MBLK-235927

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.010		< 0.010	0.0045	0	0	-100	100	03/14/2025

Batch 235927 SampType: LCS Units mg/Kg

SampID: LCS-235927

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.010		0.234	0.2500	0	93.8	85	115	03/14/2025

Batch 235927 SampType: MS Units mg/Kg-dry

SampID: 25031146-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.016		0.453	0.4023	0.03042	105.1	75	125	03/14/2025



Quality Control Results

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

SW-846 7471B

Batch 235927		SampType: MSD		Units mg/Kg-dry				RPD Limit 15			Date Analyzed	
SampID: 25031146-004AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Mercury		0.016		0.443	0.3928	0.03042	105.0	0.4532	2.33			
											03/14/2025	



Receiving Check List

<http://www.teklabinc.com/>

Client: Sunbelt Environmental Services

Work Order: 25031146

Client Project: Henry County

Report Date: 15-Apr-25

Carrier: Crossroads

Received By: AMD

Completed by:

On:

13-Mar-25

Laura E Henson

Reviewed by:

On:

13-Mar-25

Ellie Hopkins

Pages to follow:

Chain of custody

2

Extra pages included

40

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 5.3

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

Custody seal(s) intact on shipping container/cooler. - AMD/lhenson - 3/13/2025 2:46:35 PM

pH strip #101358 / 98858. - JD/lhenson - 3/13/2025 2:46:38 PM

Cooler #2 4.1C. LTG #9. LH 03/13/25

Samples for Cr 6 analysis were filtered and preserved with (NH4)2SO4 (97998) / NH4OH (98074) upon arrival at the Kansas City service center. - WGK/ehopkins - 3/13/2025 2:59:43 PM

☐ Downers Grove, IL ☒ Lenexa, KS
☐ Springfield, IL ☒ Collinsville, IL

Pg 1 of 2 Workorder # 25031146

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Client: Sunbelt Environmental Services, Inc.				Samples on:	☒ ICE	☐ BLUE ICE	☐ NO ICE	53.4°C LTG# 9																				
Address: 621 North Prince Lane				Preserved in:	☐ LAB	☒ FIELD	FOR LAB USE ONLY																					
City/State/Zip: Springfield, MO 65802				LAB NOTES: PH 10.35 98858																								
Contact: Paul Wilkerson Phone: 417-831-5052																												
Email: pwilkerson@sunbeltenv.com Fax: 471-831-6258				Client Comments: Report QC LVL: 4 Temp Blank with cooler(s) COC + SAMPLES PRESERVED W/ K 3/12/25 Metals include Lead, Arsenic, barium, cobolt, Sulfate, mercury, boron, cadmium, chromium, lithium,																								
Are these samples known to be involved in litigation? If yes, a surcharge will apply: ☒ Yes ☐ No																												
Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No																												
Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: ☒ Yes ☐ No																												
Project Name / Number Henry County				Sample Collector's Name Chris Schaefer/Paul Wilkerson																								
Results Requested (call for PFAS TAT and surcharges)				Billing Inst. / PO#																								
☒ Standard ☐ 1-2 Day (100% Surcharge)				Sunbelt																								
☐ Date ☐ 3 Day (50% Surcharge)																												
Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers	INDICATE ANALYSIS REQUESTED																							
				UNP	HNO3	NaOH	H2SO4	HCL	MEOH	NAHSO4	TSP	Other	M3500-Cr B	E245.1	M200.7	M903/904	SWT196A	SWT471B	SW6010B	SW-846 9056A	SUBJECT A							
DSR	031146-001	03/10/25 2:17	Soil	3											X	X	X	X	X									
CCAD	002	03/11/25 8:12	Soil	3											X	X	X	X	X									
18 & 901	003	03/11/25 8:57	Soil	3											X	X	X	X	X									
K&L	004	03/11/25 9:40	Soil	3											X	X	X	X	X									
P R 230	005	03/11/25 10:34	Soil	3											X	X	X	X	X									
P R 350	006	03/11/25 10:55	Soil	3											X	X	X	X	X									
NTR	007	03/11/25 11:35	Soil	3											X	X	X	X	X									
MLUP	008	03/11/25 12:40	Water	2	3									X	X	X	X			X								
MLF	009	03/11/25 12:55	Water	2	3									X	X	X	X			X								
MLS	010	03/11/25 2:25	Soil	3											X	X	X	X	X									
ASH	011	03/11/25 3:08	Ash	3											X	X	X	X	X									
Relinquished By Chris Schaefer				Date/Time 3/11/25 - 9:06				Received By [Signature]				Date/Time 3/11/25 2006																
												3/12/25 1600																

Crossroads shipping

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

☐ Downers Grove, IL ☒ Lenexa, KS
☐ Springfield, IL ☒ Collinsville, IL

Pg 2 of 2 Workorder # 25031146

TEKLAB INC, 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

[illegible]

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

CoC Rev D Oct 2024



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

April 14, 2025

Elizabeth Hurley
TEKLAB Inc,
5445 Horseshoe lake Road
Collinsville, IL 62234
TEL:
FAX:
RE: 25031146

Order No.: 25031302

Dear Elizabeth Hurley:

Alliance Technical Group - Akron received 16 sample(s) on 3/17/2025 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Jennifer Woolf
Project Manager

3310 Win St.
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0108, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



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Website: <http://www.settek.com>

Case Narrative

WO#: 25031302
Date: 4/14/2025

CLIENT: TEKLAB Inc,

Project: 25031146

WorkOrder Narrative:

25031302: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Alliance Technical Group Work Order Number assigned to this report.

Alliance Technical Group holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Alliance Technical Group and that of the customer. It cannot be reproduced in any form without the consent of Alliance Technical Group or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Alliance Technical Group is not responsible for use or interpretation of the data included herein.

All results for solid samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Analytical Sequence QC Notes:

25031302-003ADUP PctMoist_S(2540): Parent sample and DUP exhibited high RPD due to suspected sample inhomogeneity.

25031302-004ADUP PctMoist_S(2540): Parent sample and DUP exhibited high RPD due to suspected sample inhomogeneity.

Original

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



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TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Workorder
Sample Summary
WO#: 25031302
14-Apr-25

CLIENT: TEKLAB Inc,
Project: 25031146

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
25031302-001	25031146-001		3/10/2025 2:17:00 PM	3/17/2025 1:00:00 PM	Solid
25031302-002	25031146-002		3/11/2025 8:12:00 AM	3/17/2025 1:00:00 PM	Solid
25031302-003	25031146-003		3/11/2025 8:57:00 AM	3/17/2025 1:00:00 PM	Solid
25031302-004	25031146-004		3/11/2025 9:40:00 AM	3/17/2025 1:00:00 PM	Solid
25031302-005	25031146-005		3/11/2025 10:34:00 AM	3/17/2025 1:00:00 PM	Solid
25031302-006	25031146-006		3/11/2025 10:55:00 AM	3/17/2025 1:00:00 PM	Solid
25031302-007	25031146-007		3/11/2025 11:35:00 AM	3/17/2025 1:00:00 PM	Solid
25031302-008	25031146-008		3/11/2025 12:40:00 PM	3/17/2025 1:00:00 PM	Non-Potable Water
25031302-009	25031146-009		3/11/2025 12:55:00 PM	3/17/2025 1:00:00 PM	Non-Potable Water
25031302-010	25031146-010		3/11/2025 2:25:00 PM	3/17/2025 1:00:00 PM	Solid
25031302-011	25031146-011		3/11/2025 3:08:00 PM	3/17/2025 1:00:00 PM	Solid
25031302-012	25031146-012		3/11/2025 3:45:00 PM	3/17/2025 1:00:00 PM	Non-Potable Water
25031302-013	25031146-013		3/11/2025 4:00:00 PM	3/17/2025 1:00:00 PM	Non-Potable Water
25031302-014	25031146-014		3/11/2025 5:24:00 PM	3/17/2025 1:00:00 PM	Non-Potable Water
25031302-015	25031146-015		3/11/2025 5:33:00 PM	3/17/2025 1:00:00 PM	Non-Potable Water
25031302-016	25031146-016		3/11/2025 6:15:00 PM	3/17/2025 1:00:00 PM	Non-Potable Water



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DATES REPORT

WO#: 25031302
14-Apr-25

Client: TEKLAB Inc,
Project: 25031146

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25031302-001A	25031146-001	3/10/2025 2:17:00 PM	Solid	Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-002A	25031146-002	3/11/2025 8:12:00 AM		Percent Moisture by SM2540Mod			3/19/2025 12:00:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-003A	25031146-003	3/11/2025 8:57:00 AM		Percent Moisture by SM2540Mod			3/19/2025 4:30:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-004A	25031146-004	3/11/2025 9:40:00 AM		Percent Moisture by SM2540Mod			3/19/2025 4:30:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-005A	25031146-005	3/11/2025 10:34:00 AM		Percent Moisture by SM2540Mod			3/19/2025 4:30:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-006A	25031146-006	3/11/2025 10:55:00 AM		Percent Moisture by SM2540Mod			3/19/2025 4:30:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-007A	25031146-007	3/11/2025 11:35:00 AM		Percent Moisture by SM2540Mod			3/19/2025 4:30:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-008A	25031146-008	3/11/2025 12:40:00 PM	Non-Potable Water	Radium-226 (EPA 903.0)		4/7/2025 12:36:00 PM	4/11/2025 11:07:00 AM
				Radium-228 (EPA 904.0)		4/7/2025 12:36:00 PM	4/10/2025 3:44:00 PM

Original



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Website: <http://www.settek.com>

DATES REPORT

WO#: 25031302

14-Apr-25

Client: TEKLAB Inc,
Project: 25031146

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25031302-009A	25031146-009	3/11/2025 12:55:00 PM	Non-Potable Water	Radium-226 (EPA 903.0)		4/7/2025 12:36:00 PM	4/11/2025 11:07:00 AM
				Radium-228 (EPA 904.0)		4/7/2025 12:36:00 PM	4/10/2025 3:44:00 PM
25031302-010A	25031146-010	3/11/2025 2:25:00 PM	Solid	Percent Moisture by SM2540Mod			3/19/2025 4:30:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-011A	25031146-011	3/11/2025 3:08:00 PM		Percent Moisture by SM2540Mod			3/19/2025 4:30:00 PM
				Radium-226 Analysis (9315)		3/20/2025 12:07:29 PM	4/3/2025 10:57:00 AM
				Radium-228 Analysis (9320)		3/20/2025 12:07:29 PM	4/2/2025 2:16:00 PM
25031302-012A	25031146-012	3/11/2025 3:45:00 PM	Non-Potable Water	Radium-226 (EPA 903.0)		4/7/2025 12:36:00 PM	4/11/2025 11:07:00 AM
				Radium-228 (EPA 904.0)		4/7/2025 12:36:00 PM	4/10/2025 3:44:00 PM
25031302-013A	25031146-013	3/11/2025 4:00:00 PM		Radium-226 (EPA 903.0)		4/7/2025 12:36:00 PM	4/11/2025 11:07:00 AM
				Radium-228 (EPA 904.0)		4/7/2025 12:36:00 PM	4/10/2025 3:44:00 PM
25031302-014A	25031146-014	3/11/2025 5:24:00 PM		Radium-226 (EPA 903.0)		4/7/2025 12:36:00 PM	4/11/2025 11:07:00 AM
				Radium-228 (EPA 904.0)		4/7/2025 12:36:00 PM	4/10/2025 3:44:00 PM
25031302-015A	25031146-015	3/11/2025 5:33:00 PM		Radium-226 (EPA 903.0)		4/7/2025 12:36:00 PM	4/11/2025 11:07:00 AM
				Radium-228 (EPA 904.0)		4/7/2025 12:36:00 PM	4/10/2025 3:44:00 PM
25031302-016A	25031146-016	3/11/2025 6:15:00 PM		Radium-226 (EPA 903.0)		4/7/2025 12:36:00 PM	4/11/2025 11:07:00 AM
				Radium-228 (EPA 904.0)		4/7/2025 12:36:00 PM	4/10/2025 3:44:00 PM

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/10/2025 2:17:00 PM

Project: 25031146

Lab ID: 25031302-001

Matrix: SOLID

Client Sample ID: 25031146-001

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.55		pCi/g-dry	± 0.0900	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	3.10		pCi/g-dry	± 0.390	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode

M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 8:12:00 AM

Project: 25031146

Lab ID: 25031302-002

Matrix: SOLID

Client Sample ID: 25031146-002

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.55		pCi/g-dry	± 0.0800	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	3.09		pCi/g-dry	± 0.410	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode

M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit

Original



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 8:57:00 AM

Project: 25031146

Lab ID: 25031302-003

Matrix: SOLID

Client Sample ID: 25031146-003

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.37		pCi/g-dry	± 0.0700	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	2.74		pCi/g-dry	± 0.570	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Website: <http://www.settek.com>

Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 9:40:00 AM

Project: 25031146

Lab ID: 25031302-004

Matrix: SOLID

Client Sample ID: 25031146-004

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.60		pCi/g-dry	± 0.0800	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	3.20		pCi/g-dry	± 0.500	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 10:34:00 AM

Project: 25031146

Lab ID: 25031302-005

Matrix: SOLID

Client Sample ID: 25031146-005

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.66		pCi/g-dry	± 0.0900	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	3.32		pCi/g-dry	± 0.470	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode

M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 10:55:00 AM

Project: 25031146

Lab ID: 25031302-006

Matrix: SOLID

Client Sample ID: 25031146-006

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.55		pCi/g-dry	± 0.0700	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	3.11		pCi/g-dry	± 0.470	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 11:35:00 AM

Project: 25031146

Lab ID: 25031302-007

Matrix: SOLID

Client Sample ID: 25031146-007

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.25		pCi/g-dry	± 0.0800	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	2.50		pCi/g-dry	± 0.380	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode

M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 12:40:00 PM

Project: 25031146

Lab ID: 25031302-008

Matrix: NON-POTABLE WATER

Client Sample ID: 25031146-008

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: HDJ	
Radium-226	ND	1.00		pCi/L	± 0.0500	1	4/11/2025 11:07:00 AM
Yield	1.00					1	4/11/2025 11:07:00 AM
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: HDJ	
Radium-228	ND	1.00		pCi/L	± 0.220	1	4/10/2025 3:44:00 PM
Yield	1.00					1	4/10/2025 3:44:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 12:55:00 PM

Project: 25031146

Lab ID: 25031302-009

Matrix: NON-POTABLE WATER

Client Sample ID: 25031146-009

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: HDJ	
Radium-226	ND	1.00		pCi/L	± 0.0400	1	4/11/2025 11:07:00 AM
Yield	1.00					1	4/11/2025 11:07:00 AM
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: HDJ	
Radium-228	ND	1.00		pCi/L	± 0.250	1	4/10/2025 3:44:00 PM
Yield	1.00					1	4/10/2025 3:44:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 2:25:00 PM

Project: 25031146

Lab ID: 25031302-010

Matrix: SOLID

Client Sample ID: 25031146-010

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.41		pCi/g-dry	± 0.0600	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	2.82		pCi/g-dry	± 0.510	1	4/2/2025 2:16:00 PM
Yield	0.96					1	4/2/2025 2:16:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 3:08:00 PM

Project: 25031146

Lab ID: 25031302-011

Matrix: SOLID

Client Sample ID: 25031146-011

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 ANALYSIS (9315)				SW9315	E903-904	Analyst: HDJ	
Radium-226	ND	1.37		pCi/g-dry	± 0.100	1	4/3/2025 10:57:00 AM
Yield	1					1	4/3/2025 10:57:00 AM
RADIUM-228 ANALYSIS (9320)				SW9320	E903-904	Analyst: HDJ	
Radium-228	ND	2.75		pCi/g-dry	± 0.510	1	4/2/2025 2:16:00 PM
Yield	1					1	4/2/2025 2:16:00 PM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode

M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 3:45:00 PM

Project: 25031146

Lab ID: 25031302-012

Matrix: NON-POTABLE WATER

Client Sample ID: 25031146-012

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: HDJ	
Radium-226	ND	1.00		pCi/L	± 0.0500	1	4/11/2025 11:07:00 AM
Yield	1.00					1	4/11/2025 11:07:00 AM
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: HDJ	
Radium-228	ND	1.00		pCi/L	± 0.360	1	4/10/2025 3:44:00 PM
Yield	1.00					1	4/10/2025 3:44:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 4:00:00 PM

Project: 25031146

Lab ID: 25031302-013

Matrix: NON-POTABLE WATER

Client Sample ID: 25031146-013

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: HDJ	
Radium-226	ND	1.00		pCi/L	± 0.0300	1	4/11/2025 11:07:00 AM
Yield	1.00					1	4/11/2025 11:07:00 AM
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: HDJ	
Radium-228	ND	1.00		pCi/L	± 0.370	1	4/10/2025 3:44:00 PM
Yield	1.00					1	4/10/2025 3:44:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 5:24:00 PM

Project: 25031146

Lab ID: 25031302-014

Matrix: NON-POTABLE WATER

Client Sample ID: 25031146-014

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: HDJ	
Radium-226	ND	1.00		pCi/L	± 0.0500	1	4/11/2025 11:07:00 AM
Yield	1.00					1	4/11/2025 11:07:00 AM
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: HDJ	
Radium-228	ND	1.00		pCi/L	± 0.380	1	4/10/2025 3:44:00 PM
Yield	1.00					1	4/10/2025 3:44:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 5:33:00 PM

Project: 25031146

Lab ID: 25031302-015

Matrix: NON-POTABLE WATER

Client Sample ID: 25031146-015

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: HDJ	
Radium-226	ND	1.00		pCi/L	± 0.0300	1	4/11/2025 11:07:00 AM
Yield	1.00					1	4/11/2025 11:07:00 AM
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: HDJ	
Radium-228	ND	1.00		pCi/L	± 0.380	1	4/10/2025 3:44:00 PM
Yield	1.00					1	4/10/2025 3:44:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(consolidated)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,

Collection Date: 3/11/2025 6:15:00 PM

Project: 25031146

Lab ID: 25031302-016

Matrix: NON-POTABLE WATER

Client Sample ID: 25031146-016

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 (EPA 903.0)				E903.0	E903-904	Analyst: HDJ	
Radium-226	ND	1.00		pCi/L	± 0.0500	1	4/11/2025 11:07:00 AM
Yield	1.00					1	4/11/2025 11:07:00 AM
RADIUM-228 (EPA 904.0)				E904.0	E903-904	Analyst: HDJ	
Radium-228	ND	1.00		pCi/L	± 0.360	1	4/10/2025 3:44:00 PM
Yield	1.00					1	4/10/2025 3:44:00 PM

Qualifiers: H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit

Original



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Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-001A
Project: 25031146
Client Sample ID 25031146-001

Tag Number:
Collection Date: 3/10/2025 2:17:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	35.4	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-002A
Project: 25031146
Client Sample ID 25031146-002

Tag Number:
Collection Date: 3/11/2025 8:12:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	35.3	0.100		%	1	3/19/2025 12:00:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-003A
Project: 25031146
Client Sample ID 25031146-003

Tag Number:
Collection Date: 3/11/2025 8:57:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	27.1	0.100	QDR	%	1	3/19/2025 4:30:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-004A
Project: 25031146
Client Sample ID 25031146-004

Tag Number:
Collection Date: 3/11/2025 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	37.5	0.100	QDR	%	1	3/19/2025 4:30:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-005A
Project: 25031146
Client Sample ID 25031146-005

Tag Number:
Collection Date: 3/11/2025 10:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	39.7	0.100		%	1	3/19/2025 4:30:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-006A
Project: 25031146
Client Sample ID 25031146-006

Tag Number:
Collection Date: 3/11/2025 10:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	35.7	0.100		%	1	3/19/2025 4:30:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-007A
Project: 25031146
Client Sample ID 25031146-007

Tag Number:
Collection Date: 3/11/2025 11:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	19.9	0.100		%	1	3/19/2025 4:30:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-010A
Project: 25031146
Client Sample ID 25031146-010

Tag Number:
Collection Date: 3/11/2025 2:25:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	29.2	0.100		%	1	3/19/2025 4:30:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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Analytical Report

(base report)

WO#: 25031302

Date Reported: 4/14/2025

CLIENT: TEKLAB Inc,
Matrix: SOLID
Lab ID: 25031302-011A
Project: 25031146
Client Sample ID 25031146-011

Tag Number:
Collection Date: 3/11/2025 3:08:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE BY SM2540MOD				A2540B	Analyst: HKW	
Percent Moisture	27.2	0.100		%	1	3/19/2025 4:30:00 PM

Qualifiers:

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031302

14-Apr-25

Client: TEKLAB Inc,
Project: 25031146

BatchID: 83056

Sample ID: MB-83056	SampType: MBLK	TestCode: Radium-228_ Units: pCi/g			Prep Date: 3/20/2025				RunNo: 206319		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320		E903-904		Analysis Date: 4/2/2025				SeqNo: 5523191	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	2.00									
Yield	1.00										

Sample ID: LCS-83056	SampType: LCS	TestCode: Radium-228_ Units: pCi/g				Prep Date: 3/20/2025				RunNo: 206319		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320		E903-904		Analysis Date: 4/2/2025				SeqNo: 5523192		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-228	3.41	2.00	5.000	0	68.2	50	130					

Sample ID: LCSD-83056	SampType: LCSD	TestCode: Radium-228_ Units: pCi/g				Prep Date: 3/20/2025			RunNo: 206319		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320		E903-904		Analysis Date: 4/2/2025			SeqNo: 5523193		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	3.12	2.00	5.000	0	62.4	50	130	3.410	8.88	20	

Sample ID: 25031295-001ADUP	SampType: DUP	TestCode: Radium-228	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206319						
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320	E903-904	Analysis Date: 4/2/2025	SeqNo: 5523198						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031302

14-Apr-25

Client: TEKLAB Inc,
Project: 25031146

BatchID: 83056

Sample ID: 25031295-001ADUP	SampType: DUP	TestCode: Radium-228_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206319						
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320	E903-904	Analysis Date: 4/2/2025	SeqNo: 5523198						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	2.76		0	0	0	0	0	0	20	R
Yield	1							1.382	0	0	

Sample ID: 25031295-002ADUP	SampType: DUP	TestCode: Radium-228_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206319						
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9320	E903-904	Analysis Date: 4/2/2025	SeqNo: 5523200						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-228	ND	2.79		0	0	0	0	0	0	20	
Yield	1							1.395	0	0	

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031302

14-Apr-25

Client: TEKLAB Inc,
Project: 25031146

BatchID: 83056

Sample ID: MB-83056	SampType: MBLK	TestCode: Radium-226_ Units: pCi/g			Prep Date: 3/20/2025				RunNo: 206326		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315		E903-904		Analysis Date: 4/3/2025				SeqNo: 5523386	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.00									
Yield	1.00										

Sample ID: LCS-83056	SampType: LCS	TestCode: Radium-226_ Units: pCi/g				Prep Date: 3/20/2025				RunNo: 206326		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315		E903-904		Analysis Date: 4/3/2025				SeqNo: 5523387		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-226	4.35	1.00	5.000	0	87.0	70	130					

Sample ID: LCSD-83056	SampType: LCSD	TestCode: Radium-226_ Units: pCi/g				Prep Date: 3/20/2025				RunNo: 206326		
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315		E903-904		Analysis Date: 4/3/2025				SeqNo: 5523388		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val		%RPD	RPDLimit	Qual
Radium-226	4.77	1.00	5.000	0	95.4	60	140	4.350		9.21	40	

Sample ID: 25031295-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206326						
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315	E903-904	Analysis Date: 4/3/2025	SeqNo: 5523393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031302

14-Apr-25

Client: TEKLAB Inc,
Project: 25031146

BatchID: 83056

Sample ID: 25031295-001ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206326						
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315	E903-904	Analysis Date: 4/3/2025	SeqNo: 5523393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.38						0	0	20	
Yield	1							1.382	0	0	

Sample ID: 25031295-002ADUP	SampType: DUP	TestCode: Radium-226_	Units: pCi/g-dry	Prep Date: 3/20/2025	RunNo: 206326						
Client ID: BatchQC	Batch ID: 83056	TestNo: SW9315	E903-904	Analysis Date: 4/3/2025	SeqNo: 5523395						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	ND	1.40						0	0	20	
Yield	1							1.395	0	0	

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031302

14-Apr-25

Client: TEKLAB Inc,
Project: 25031146

BatchID: R205271

Sample ID: MB-R205271	SampType: MBLK	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205271		
Client ID: BatchQC	Batch ID: R205271	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496680		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	ND	0.100										

Sample ID: 25031120-001ADUP	SampType: DUP	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205271		
Client ID: BatchQC	Batch ID: R205271	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496701		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	96.1	0.100						96.16	0.0201	5		

Sample ID: 25031207-001ADUP	SampType: DUP	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205271		
Client ID: BatchQC	Batch ID: R205271	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496702		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	98.8	0.100						98.72	0.0320	5		

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit



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QC SUMMARY REPORT

WO#: 25031302

14-Apr-25

Client: TEKLAB Inc,
Project: 25031146

BatchID: R205272

Sample ID: MB-R205272	SampType: MBLK	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205272		
Client ID: BatchQC	Batch ID: R205272	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496726		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	ND	0.100										

Sample ID: 25031302-003ADUP	SampType: DUP	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205272		
Client ID: 25031146-003	Batch ID: R205272	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496747		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	28.6	0.100						27.06	5.55	5	R	

Sample ID: 25031302-004ADUP	SampType: DUP	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 205272		
Client ID: 25031146-004	Batch ID: R205272	TestNo: A2540B				Analysis Date: 3/19/2025				SeqNo: 5496748		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	35.6	0.100						37.50	5.19	5	R	

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
R RPD outside accepted recovery limits

ND Not Detected
RL Reporting Detection Limit

25031302

Pg 1 of 2

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES ☐ NO ☒With: ☐ Ice ☐ Blue IcePreserved in: ☐ Lab ☐ Field

Teklab Inc

5445 Horseshoe Lake Road
Collinsville, IL 62234Cooler Temp: Sampler: QC Level: Project# Contact: Email: Requested Due Date: Billing/PO: Phone: Comments: **Please Issue reports and invoices via email only**

Please analyze for Radium 226/228 per your usual methods.

Any changes to analysis/methods must be approved by Teklab, Inc. Batch QC is required.

Samples collected from an site. ☒ Litigation samples

mD TEL 3/13/15

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Radium 226/228														
CPM: 34	25031146-001	3/10/25 14:17	Unpres	Soil	☒														
CPM: 42	25031146-002	3/11/25 8:12	Unpres	Soil	☒														
CPM: 26	25031146-003	3/11/25 8:57	Unpres	Soil	☒														
CPM 24	25031146-004	3/11/25 9:40	Unpres	Soil	☒														
CPM 22	25031146-005	3/11/25 10:34	Unpres	Soil	☒														
CPM 24	25031146-006	3/11/25 10:55	Unpres	Soil	☒														
CPM 48	25031146-007	3/11/25 11:35	Unpres	Soil	☒														
CPM 44.40	25031146-008 <i>pH=2</i>	3/11/25 12:40	HNO3	Aqueous	☒														
CPM 33.32	25031146-009 <i>pH=2</i>	3/11/25 12:55	HNO3	Aqueous	☒														
CPM 30	25031146-010	3/11/25 14:25	Unpres	Soil	☒														
CPM 38	25031146-011	3/11/25 15:08	Unpres	Soil	☒														

*Relinquished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	3/13/25	<i>[Signature]</i>	3/17/25
		Fax 1300	
		14.2 - 0.0 = 14.2	

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ Field

Teklab Inc

5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: Sampler: QC Level: Project#

Contact: Elizabeth Hurley

Email: ehurley@TekLabInc.com

Requested Due Date: Standard TAT

Billing/PO: 38138

Comments: **Please Issue reports and invoices via email only**

Please analyze for Radium 226/228 per your usual methods.

Any changes to analysis/methods must be approved by Teklab, Inc. Batch QC is required.

Samples collected from an ☒ site. ☐ Litigation samples

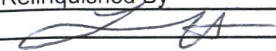
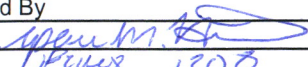
MO TE 3/13/25

Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Radium 226/228															
CPM: 34,34	25031146-012	3/11/25 15:45	HNO3	Aqueous	☒															
CPM: 26,28	25031146-013	3/11/25 16:00	HNO3	Aqueous	☒															
CPM: 42,40	25031146-014	3/11/25 17:24	HNO3	Aqueous	☒															
CPM: 44,42	25031146-015	3/11/25 17:33	HNO3	Aqueous	☒															
CPM: 38,36	25031146-016	3/11/25 18:15	HNO3	Aqueous	☒															
			Other	Aqueous																
			Other	Aqueous																
			Other	Aqueous																
			Other	Aqueous																
			Other	Aqueous																
			Other	Aqueous																
			Other	Aqueous																

*Relinquished By	Date/Time	Received By	Date/Time
	3/13/25		3/17/25
		1308	
		14.2 - 0.0 14.2	

Sample Log-In Check List

Client Name: TEK-IL-62234-A

Work Order Number: 25031302

RcptNo: 1

Logged by: Spencer M. Hartwell 3/17/2025 1:00:00 PM

Spencer M. Hartwell

Completed By: Tegan A. Richards 3/18/2025 8:52:07 AM

Tegan Richards

Reviewed By: Jennifer Woolf 3/18/2025 3:21:52 PM

Jennifer M. Woolf

Chain of Custody

1. Is Chain of Custody complete? Yes ☐ No ☒ Not Present ☐
2. How was the sample delivered? FedEx

Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☒ No ☐ Not Present ☐
No. Seal Date: 3/13/2025 Signed By:
5. Was an attempt made to cool the samples? Yes ☐ No ☒ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☒ NA ☐
Not required
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:
relinquish time not included

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	14.2	Good	Yes		3/13/2025	