AYDEN Environmental

jeff@aydenenv.com
P: 954.707.2724

March 25, 2026

RECEIVED
4/14/2026

Daniel Masveyraud
H&M Development
20200 West Dixie Hwy. Suite 1206
Aventura, FL 33180

Re: Limited Soil and Groundwater Phase II ESA
Bonaventure Driving Range (the "Site")
Weston, Broward County, Florida

Dear Mr. Masveyraud:

Ayden Environmental LLC (Ayden) has prepared this Limited Soil and Groundwater Evaluation to present our findings from the Phase II soil and groundwater assessment at the above-referenced Site located at the current Bonaventure Golf & Country driving range facility in Weston, Broward County, Florida (the "Site"). This investigation was performed at the request of **Exhibit 1** depicts the Site location on a United States Geological Survey (USGS) 7.5-Minute Cooper City, FL Quadrangle Map, while **Exhibit 2** depicts the Site location on a current aerial photograph.

Site Description

The Site consists of a rectangular parcel, oriented north-south and situated at the northeast corner of Blatt Boulevard and Bonaventure Boulevard, totaling approximately 5.5-acres in size. The Site is currently occupied by the Bonaventure Golf & Country Club golf course driving range and putting green. Based on information provided by historical aerial photographs, the Site was undeveloped until 1969 when the Bonaventure golf course was constructed. It is considered likely that the historical use of arsenic herbicides has likely resulted in arsenic impacts to the soil and arsenic impacts (potentially) to the underlying groundwater where these chemicals were applied within the golf course playing areas of the Site.

Soil Assessment

To evaluate the current status of onsite conditions and providing the necessary soil data to adequately define the required regulatory approach, Ayden employed a discrete and composite soil sampling regime within the golf course playing areas of the Site. On August 29, 2022, Ayden directed JAEE Environmental Services to advance a total of 20 soil borings (SBs) within elements of the golf course to confirm the variation

and distribution of arsenic concentrations across the Site based on existing golf course land use. **Sheet 3** depicts the SB locations onsite.

Within each SB, Ayden then collected discrete soil samples from 0-6 in bls, 6-24 in bls and 24-48 in bls soil layers using direct push drilling technology. Each soil sample were analyzed for total arsenic using EPA Method 6010.

One composite soil sample was obtained from each of the three sample depths by collecting representative aliquots from the 20 SBs and aggregating these aliquots into sample containers for analysis of total arsenic and organochlorinated pesticides (OCPs) by EPA Methods 8081.

To evaluate the environmental condition of prospective fill material generated during the excavation of a proposed offsite surface water lakes, JAEE advanced two deep soil borings (SB-A and SB-B) within the footprint of the proposed lakes offsite to the east of the Site (**Sheet 3**) within the current Bonaventure golf course playing area. Each boring was advanced to a total depth of 14 ft bls (approximate depth of proposed lake) and discrete soil samples collected continuously from the ground surface to the total depth of the boring. Each sample was containerized for analysis of arsenic by EPA Method 6010.

Golf Course Driving Range Soil Results

The arsenic concentration data within the onsite soil from each of the three sample intervals of the driving range was compiled in **Table 1.** The arsenic concentrations are also depicted on **Sheets 4, 5 and 6** for the sample depths 0-6 in bls, 6-24 in bls and 24-48 in bls, respectively. The range of concentrations for each sample interval are as follows:

- 0-6 in bls: 42 - 0.56 mg/kg
- 6-24 in bls: 21 - Non Detect
- 24-48 in bls: 10 - Non Detect

Additionally, each sample set was analyzed using the USEPA's ProUCL Version 5.0 software. The program was run with all possible distribution tests in order to determine the distribution type that the data set followed best. The ProUCL-recommended UCL95 for each sample interval was calculated as follows:

- 0-6 in bls: 16.31 mg/kg
- 6-24 in bls: 6.73 mg/kg
- 24-48 in bls: 3.65 mg/kg

The 0-6 in bls soil interval contained the highest discrete sample concentration (SB-7 @ 42 mg/kg) as well as generally the highest UCL95 values. The majority of sample interval UCL95 values exceeded the applicable Florida Direct Exposure Soil Cleanup Target Level (SCTL) of 2.1 mg/kg for arsenic. Only 6 of the 60 discrete soil samples exceeded the higher Commercial/ Industrial SCTL of 12.0 mg/kg for arsenic

and none were within the 24-48 in bls sample interval. Generally, the observed arsenic impacts decrease with depth. The respective analytical data for the golf course arsenic soil sampling effort are included as **Attachment A**.

Driving Range Soil Assessment (Other Agri-Chemicals)

To evaluate the potential presence of other agri-chemicals onsite, Ayden directed Advanced Environmental Laboratory (AEL) to complete the analysis of the three sample depth intervals on composite soil samples for total arsenic and organochlorinated pesticides by EPA Method 8081.

For all composite soil samples, no detectable concentrations of targeted OCPs were identified. The arsenic concentrations were documented to be generally lower than the discrete values described above, likely providing a more accurate depiction of average arsenic concentrations across the Site. The results of the composite grid soil sampling activity for the Site are tabulated in **Table 2**. The respective analytical data for the composite soil sampling effort are included as **Attachment A**.

Adjacent Golf Course Playing Area Soil Assessment (Potential Fill Source)

As noted on **Table 3**, none of the discrete samples collected from either deep soil boring below 24 inches exhibited arsenic concentrations in excess of the Residential SCTL of 2.1 mg/kg. The respective analytical data for the SB-A and SB-B soil sampling efforts are included as **Attachment A**.

Groundwater Sampling

Two (2) groundwater monitoring wells (MW) were installed within the Site by Ayden on August 29, 2022. Each MW was installed to a depth of approximately 15 ft bls with 10 ft of well screen. The locations of these MWs are depicted on **Sheet 7**.

Groundwater samples were collected on September 10, 2022 by AEML Microbiology Laboratories from each MW. The well sampling was conducted in accordance with Chapter 62-160, F.A.C. Quality Assurance. The analytical suite for each of the collected samples included total arsenic by EPA Method 6010. Once groundwater samples had been appropriately containerized, their collection was documented on chain-of-custody forms, which track the transport of sample containers from the laboratory, to the field, and back to AEL, a NELAP accredited laboratory.

Results of the September 10, 2022 groundwater sampling event confirmed arsenic concentrations in each of the two MWs at levels below applicable Florida Groundwater Cleanup Target Levels (GCTLs) as defined by Chapter 62-777, F.A.C. The Initial Sampling Event analytical results are summarized in **Table 4**. The complete analytical laboratory report for September 10, 2022 sampling event is provided as **Attachment B.**

Summary and Conclusions

Based on the soil sampling efforts conducted onsite and within the footprint of a proposed surface water lake adjacent to the Site, arsenic is documented to be present

at the Site at concentrations above the Florida Direct Exposure SCTL for residential and commercial land uses. Should the Client decide to move forward with the proposed development of this Site, Ayden would recommend discrete soil sampling within the Site to verify and define several discrete soil sample locations with the highest arsenic concentrations as “hot spots” to allow a recalculation of the Site-wide UCL95 arsenic values to levels more amenable to cost effective soil management techniques (blending/mixing).

An evaluation of potential onsite fill material generated by excavating an offsite lake confirmed the suitability of this material as clean fill in compliance with the strictest applicable SCTLs.

Targeted pesticides do not appear to be a concern at the Site. Soil data indicates that arsenic concentrations within the surficial soil may pose a leachability concern to groundwater. However, additional groundwater data would likely confirm that onsite arsenic concentrations are below the applicable Florida GCTL. Ayden recommends making each of the MWs permanent and conducting a minimum of three additional quarters of groundwater sampling to confirm onsite groundwater is non-increasing, static and restricted onsite.

Should you have any questions, please do not hesitate to contact me at (954) 707-2724 or jeff@aydenenv.com.

Very truly yours,

Digitally signed by
Jeffrey A Flairty
Date: 2026.03.25
09:22:52 -04'00'

Licensee Name: Jeffrey A. Flairty, P.E.
Florida P.E. Registration No. 75869

This item has been digitally signed and sealed by Jeffrey A. Flairty on the date adjacent to the seal.

The signature must be verified on any electronic copies.

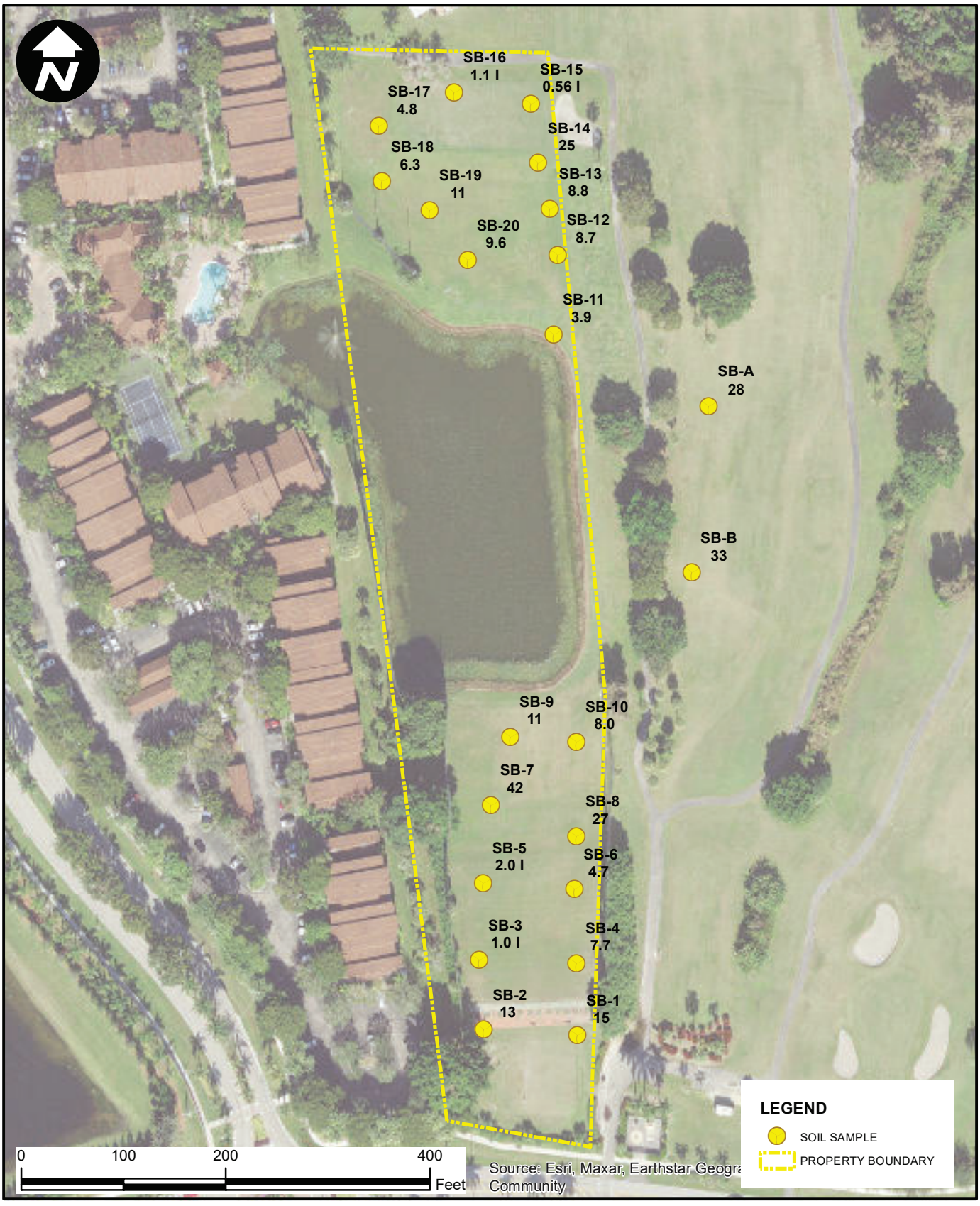
Ayden Environmental LLC
8326 Martingale Drive, Unit 110
Lake Worth, Florida 33467
Certificate of Authorization No. 30334

Attachments

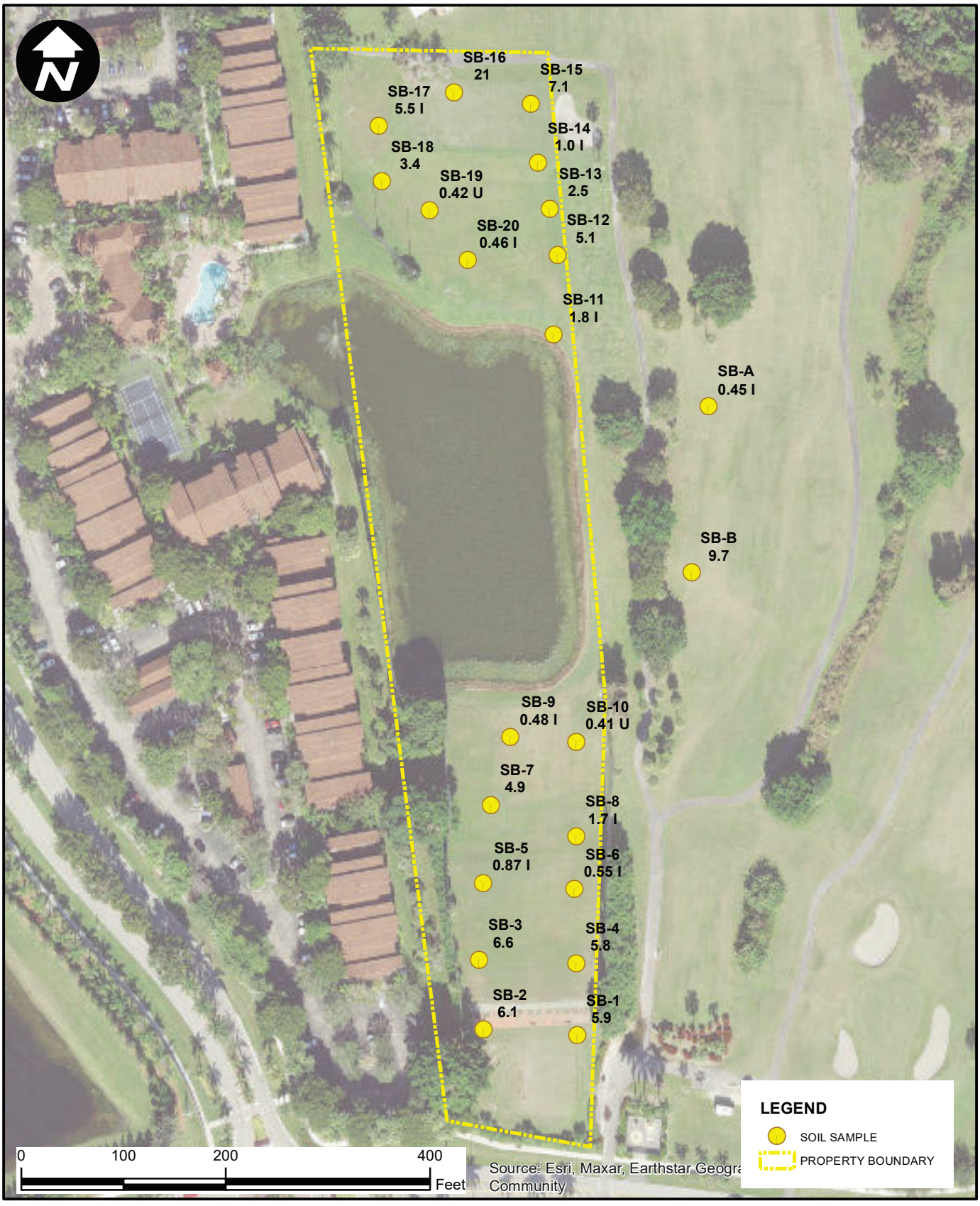
SHEET	USGS LOCATION MAP	
1	PHASE II ESA WESTON, FL	AYDEN Environmental

SHEET	SITE LOCATION MAP	
2	PHASE II ESA WESTON, FL	AYDEN Environmental

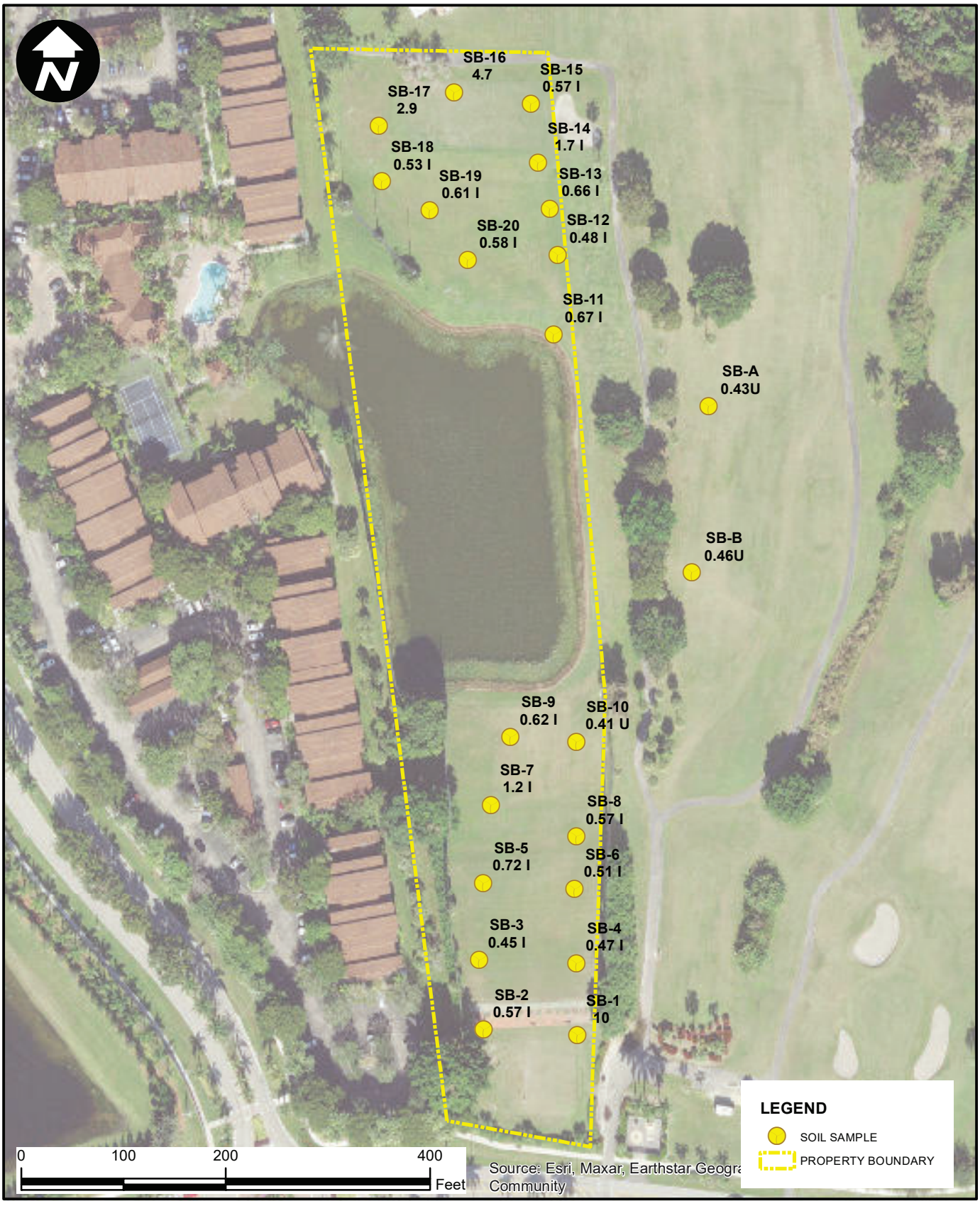
SHEET 3	SOIL SAMPLING LOCATION MAP PHASE II ESA WESTON, FL	AYDEN Environmental



SHEET	ARSENIC CONCENTRATIONS 0-6 in (mg/kg) PHASE II ESA WESTON, FL	AYDEN Environmental
4		



SHEET 5	ARSENIC CONCENTRATIONS 6-24 in (mg/kg) PHASE II ESA WESTON, FL	AYDEN Environmental



SHEET	ARSENIC CONCENTRATIONS 24-48 in (mg/kg) PHASE II ESA WESTON, FL	AYDEN Environmental
6		

SHEET	MONITORING WELL LOCATION MAP	
7	PHASE II ESA WESTON, FL	AYDEN Environmental

Table 1: Phase II Soil Concentrations - Arsenic (mg/kg)

Sample Location	Sample Depth		
	0-6 in bls	6-24 in bls	24-48 in bls
Driving Range			
SB-1	**15**	**5.9**	**10**
SB-2	**13**	**6.1**	0.57 I
SB-3	1.0 I	**6.6**	0.45 I
SB-4	**7.7**	**5.8**	0.47 I
SB-5	2.0 I	0.87 I	0.72 I
SB-6	**4.7**	0.55 I	0.51 I
SB-7	**42**	**4.9**	1.2 I
SB-8	**27**	1.7 I	0.57 I
SB-9	**11**	0.48 I	0.62 I
SB-10	**8.0**	0.41 U	0.41 U
SB-11	**3.9**	1.8 I	0.67 I
SB-12	**8.7**	**5.1**	0.48 I
SB-13	**8.8**	**2.5**	0.66 I
SB-14	**25**	1.0 I	1.7 I
SB-15	0.56 I	**7.1**	0.57 I
SB-16	1.1 I	**21**	**4.7**
SB-17	**4.8**	**5.5 I**	**2.9**
SB-18	**6.3**	**3.4**	0.53 I
SB-19	**11**	0.42 U	0.61 I
SB-20	**9.6**	0.46 I	0.58 I

Notes:
mg/kg - milligrams per kilogram
I - The reported value is between the laboratory MDL and the laboratory PQL.
U - Compound was analyzed for but not detected
Bold entry signifies concentration exceeding Residential SCTL of 2.1 mg/kg
Red entry signifies concentrations exceeding Commecial SCTL of 12.0 mg/kg
SCTL - Florida Soil Cleanup Target Level, Chapter 62-777, F.A.C.

TABLE 2: COMPOSITE PESTICIDES SOIL DATA SUMMARY

Method	Parameter	Applicable SCTL	Units	Comp-A (0-6 in)	Comp-B (6-24")	Comp-C (24-48")
Metals						
	Arsenic	2.1	mg/kg	**4.4**	1.3 I	0.50 I
OC Pesticides (8081)						
	Targeted Analytes	Various	ug/kg	ND	ND	ND

Notes:
ND = Compounds analyzed for but not detected above laboratory MDL
I = value between laboratory MDL and PQL
STCL = Soil cleanup target levels are specified in Chapter 62-777, FAC
ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
Bold values exceed applicable residential direct exposure SCTLs

TABLE 3: DEEP BORING ARSENIC CONCENTRATION DATA (mg/kg)

Sample Depth (inches)		0-6"	6-24"	24-48"	48-72"	72-96"	96-120"	120-144"	144-168"
Sample ID	Units	Arsenic Concentration (mg/kg)							
SB-A	mg/kg	**28**	0.45 I	0.43 U	0.94 I	0.82 I	0.64 I	0.43 U	0.43 I
SB-B	mg/kg	**33**	**9.7**	0.46 U	0.45 U	0.74 I	0.44 U	0.46 U	0.45 I

Notes:

mg/kg - milligrams per kilogram

SCTL - Florida Soil Cleanup Target Level, Chapter 62-777, F.A.C.

Bold entry signifies concentrations exceeding applicable Residential SCTL

Red entry signifies concentrations exceeding applicable Commercial/Industrial SCTL

I - The reported value is between the laboratory MDL and the laboratory PQL.

U - The reported value is below laboratory MDL

TABLE 4: GROUNDWATER DATA (ug/L)

Sample ID		GCTL	MW-1	MW-2
Sample Location			Driving Range	Driving Range
Sample Interval			5 to 15 ft	5 to 15 ft
Arsenic	ug/L	10	3.1 U	5.7 I

Notes:
ug/L - micrograms per liter
mg/L - milligrams per liter
GCTL - Groundwater Cleanup Target Levels (62-777, FAC)
ft = feet

ATTACHMENT A

SOIL ANALYTICAL LABORATORY REPORT

(August 29, 2022)

AYDEN Environmental

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)

September 12, 2022

Jeffrey A Flairty
Ayden Environmental
1260 NE 24th Street, Suite 140
Fort Lauderdale, FL 33305

RE: Workorder: M2204917 St Andrews Dr

Dear Jeffrey A Flairty:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday August 31, 2022. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mikelle Chong, Client Services Manager
MChong@aellab.com

Certificate of Analysis

NELAP Accredited E82535

Advanced Environmental Laboratories, Inc
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Phone: (954) 889-2288
Fax: (954) 889-2281

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Workorder: St Andrews Dr (M2204917)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
M2204917001	S-1A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917001	S-1A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917002	S-2A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917002	S-2A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917003	S-3A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917003	S-3A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917004	S-4A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917004	S-4A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917005	S-5A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917005	S-5A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917006	S-6A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917006	S-6A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917007	S-7A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917007	S-7A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917008	S-8A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917008	S-8A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917009	S-9A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917009	S-9A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917010	S-10A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917010	S-10A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917011	S-11A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917011	S-11A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917012	S-12A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
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M2204917017	S-17A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917018	S-18A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry

Certificate of Analysis

NELAP Accredited E82535

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Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
M2204917018	S-18A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917019	S-19A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917019	S-19A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917020	S-20A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917020	S-20A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917021	S-1B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917021	S-1B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917022	S-2B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917022	S-2B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917023	S-3B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917023	S-3B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
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M2204917030	S-10B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917030	S-10B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917031	S-11B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917031	S-11B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917032	S-12B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917032	S-12B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917033	S-13B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917033	S-13B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917034	S-14B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917034	S-14B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917035	S-15B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917035	S-15B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry

Advanced Environmental Laboratories, Inc
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Phone: (954) 889-2288
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FINAL

Workorder: St Andrews Dr (M2204917)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
M2204917036	S-16B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
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M2204917037	S-17B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917037	S-17B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917038	S-18B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917038	S-18B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917039	S-19B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917039	S-19B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917040	S-20B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917040	S-20B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917041	S-1C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917041	S-1C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917042	S-2C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917042	S-2C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917043	S-3C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917043	S-3C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917044	S-4C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917044	S-4C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917045	S-5C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917045	S-5C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917046	S-6C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917046	S-6C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917047	S-7C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917047	S-7C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917048	S-8C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917048	S-8C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917049	S-9C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917049	S-9C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917050	S-10C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917050	S-10C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917051	S-11C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917051	S-11C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917052	S-12C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917052	S-12C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917053	S-13C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry

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Workorder: St Andrews Dr (M2204917)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
M2204917053	S-13C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917054	S-14C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917054	S-14C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917055	S-15C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917055	S-15C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917056	S-16C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917056	S-16C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917057	S-17C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917057	S-17C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917058	S-18C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917058	S-18C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917059	S-19C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917059	S-19C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917060	S-20C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917060	S-20C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917061	S-AA	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917061	S-AA	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917062	S-AB	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917062	S-AB	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917063	S-AC	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917063	S-AC	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917064	S-AD	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917064	S-AD	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917065	S-AE	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917065	S-AE	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917066	S-AF	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917066	S-AF	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917067	S-AG	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917067	S-AG	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917068	S-AH	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917068	S-AH	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917069	S-BA	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917069	S-BA	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917070	S-BB	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917070	S-BB	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry

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Workorder: St Andrews Dr (M2204917)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
M2204917071	S-BC	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917071	S-BC	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917072	S-BD	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917072	S-BD	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917073	S-BE	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917073	S-BE	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917074	S-BF	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917074	S-BF	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917075	S-BG	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917075	S-BG	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917076	S-BH	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917076	S-BH	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917077	COMP-A	SO	EPA 8081	08/29/2022 00:00	08/31/2022 11:10	19	Dry
M2204917077	COMP-A	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917077	COMP-A	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917078	COMP-B	SO	EPA 8081	08/29/2022 00:00	08/31/2022 11:10	19	Dry
M2204917078	COMP-B	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917078	COMP-B	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917079	COMP-C	SO	EPA 8081	08/29/2022 00:00	08/31/2022 11:10	19	Dry
M2204917079	COMP-C	SO	SM 2540G	08/29/2022 00:00	08/31/2022 11:10	1	Dry
M2204917079	COMP-C	SO	SW-846 6010	08/29/2022 00:00	08/31/2022 11:10	1	Dry

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Workorder: St Andrews Dr (M2204917)

Workorder Summary

Batch Comments

GCSm/2418 - 8081/8082/608 Analysis,Soil

The upper control criterion was exceeded for the following analyte in the LCS for analytical batch 2418: aldrin. The analyte(s) in question was not detected in the associated client samples. The error associated with elevated recovery equates to a high bias. The quality of the data is not affected. No further corrective action was required.

The upper control criterion was exceeded for several target analytes in Continuing Calibration Verification (CCV) standards for analytical batch 2418, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

ICPm/2811 - ICP 6010B Analysis

The matrix spike duplicate recovery of Arsenic for M2204917021 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS), Matrix Spike (MS) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was required.

ICPm/2812 - ICP 6010B Analysis

The matrix spike duplicate recovery of Arsenic for M2204917041 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS), Matrix Spike (MS) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was required.

ICPm/2813 - ICP 6010B Analysis

The matrix spike recovery of Arsenic for M2204917061 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS), Matrix Spike Duplicate (MSD) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was required.

Analysis Results Comments

M2204917077 (COMP-A) - Tetrachloro-m-xylene

The upper control criterion was exceeded for the surrogates in sample M2204917077. The error associated with an elevated recovery equates to a high bias. The quality of the sample data is not significantly affected, as internal recoveries were within acceptance criteria of the ICAL and are consistent with quality control samples. The outlier surrogates are qualified with a J4 to indicate potential matrix interference.

M2204917078 (COMP-B) - Tetrachloro-m-xylene

The upper control criterion was exceeded for the surrogates in sample M2204917078. The error associated with an elevated recovery equates to a high bias. The quality of the sample data is not significantly affected, as internal recoveries were within acceptance criteria of the ICAL and are consistent with quality control samples. The outlier surrogates are qualified with a J4 to indicate potential matrix interference.

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Workorder: St Andrews Dr (M2204917)

Analytical Results Qualifiers

Parameter Qualifiers

U	The compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J4	Estimated Result

Lab Qualifiers

M	DOH Certification #E82535 (FL NELAC) AEL-Miami

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917001 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-1A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**15**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/02/2022 15:18	M
(SM 2540G)								
Percent Moisture	**15**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917002 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-2A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**13**	mg/Kg	2.3	0.44	1	09/01/2022 10:00	09/02/2022 15:21	M
(SM 2540G)								
Percent Moisture	**14**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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FINAL

Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917003 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-3A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**1.0 I**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/02/2022 15:25	M
(SM 2540G)								
Percent Moisture	**5**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917004 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-4A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**7.7**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/02/2022 15:28	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917005 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-5A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**2.0 I**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/02/2022 15:32	M
(SM 2540G)								
Percent Moisture	**15**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917006 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-6A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**4.7**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/02/2022 15:35	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917007 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-7A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**42**	mg/Kg	2.4	0.44	1	09/01/2022 10:00	09/02/2022 15:39	M
(SM 2540G)								
Percent Moisture	**16**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917008 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-8A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**27**	mg/Kg	2.6	0.49	1	09/01/2022 10:00	09/02/2022 15:43	M
(SM 2540G)								
Percent Moisture	**22**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917009 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-9A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**11**	mg/Kg	2.8	0.52	1	09/01/2022 10:00	09/02/2022 15:46	M
(SM 2540G)								
Percent Moisture	**28**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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FINAL

Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917010 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-10A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**8.0**	mg/Kg	2.6	0.48	1	09/01/2022 10:00	09/02/2022 15:57	M
(SM 2540G)								
Percent Moisture	**22**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917011 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-11A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**3.9**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/02/2022 16:00	M
(SM 2540G)								
Percent Moisture	**14**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917012 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-12A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**8.7**	mg/Kg	2.8	0.52	1	09/01/2022 10:00	09/02/2022 16:04	M
(SM 2540G)								
Percent Moisture	**28**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917013 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-13A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**8.8**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/02/2022 16:07	M
(SM 2540G)								
Percent Moisture	**14**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917014 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-14A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**25**	mg/Kg	2.5	0.48	1	09/01/2022 10:00	09/02/2022 16:11	M
(SM 2540G)								
Percent Moisture	**22**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917015 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-15A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.56 I**	mg/Kg	2.1	0.39	1	09/01/2022 10:00	09/02/2022 16:14	M
(SM 2540G)								
Percent Moisture	**3**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917016 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-16A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**1.1 I**	mg/Kg	2.0	0.38	1	09/01/2022 10:00	09/02/2022 16:18	M
(SM 2540G)								
Percent Moisture	**4**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917017 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-17A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**4.8**	mg/Kg	2.0	0.39	1	09/01/2022 10:00	09/02/2022 16:21	M
(SM 2540G)								
Percent Moisture	**4**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917018 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-18A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**6.3**	mg/Kg	2.5	0.48	1	09/01/2022 10:00	09/02/2022 16:25	M
(SM 2540G)								
Percent Moisture	**21**	%	0.001	0.0010	1	09/01/2022 14:40	09/01/2022 14:40	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917019 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-19A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**11**	mg/Kg	2.5	0.48	1	09/01/2022 10:00	09/02/2022 16:28	M
(SM 2540G)								
Percent Moisture	**20**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917020 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-20A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**9.6**	mg/Kg	2.4	0.45	1	09/01/2022 10:00	09/02/2022 16:39	M
(SM 2540G)								
Percent Moisture	**16**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917021 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-1B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**5.9**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/06/2022 10:41	M
(SM 2540G)								
Percent Moisture	**11**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917022 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-2B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**6.1**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/06/2022 10:52	M
(SM 2540G)								
Percent Moisture	**10**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917023 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-3B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**6.6**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/06/2022 10:55	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917024 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-4B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**5.8**	mg/Kg	2.5	0.47	1	09/01/2022 10:00	09/06/2022 10:59	M
(SM 2540G)								
Percent Moisture	**19**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917025 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-5B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.87 I**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/06/2022 11:02	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917026 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-6B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.55 I**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/06/2022 11:06	M
(SM 2540G)								
Percent Moisture	**8**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917027 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-7B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**4.9**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/06/2022 11:09	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917028 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-8B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**1.7 I**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/06/2022 11:13	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917029 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-9B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.48 I**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/06/2022 11:16	M
(SM 2540G)								
Percent Moisture	**7**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917030 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-10B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.41 U	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/06/2022 11:20	M
(SM 2540G)								
Percent Moisture	**7**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917031 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-11B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**1.8 I**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/06/2022 11:23	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917032 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-12B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**5.1**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/06/2022 11:39	M
(SM 2540G)								
Percent Moisture	**11**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917033 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-13B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**2.5**	mg/Kg	2.3	0.44	1	09/01/2022 10:00	09/06/2022 11:43	M
(SM 2540G)								
Percent Moisture	**12**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917034 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-14B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**1.0 I**	mg/Kg	2.1	0.39	1	09/01/2022 10:00	09/06/2022 11:46	M
(SM 2540G)								
Percent Moisture	**3**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917035 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-15B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**7.1**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/06/2022 11:50	M
(SM 2540G)								
Percent Moisture	**7**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917036 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-16B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**21**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/06/2022 11:53	M
(SM 2540G)								
Percent Moisture	**11**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917037 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-17B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**5.5 I**	mg/Kg	9.6	1.8	4	09/01/2022 10:00	09/06/2022 12:30	M
(SM 2540G)								
Percent Moisture	**19**	%	0.001	0.0010	1	09/01/2022 15:30	09/01/2022 15:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917038 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-18B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**3.4**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/06/2022 12:00	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917039 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-19B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.42 U	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/06/2022 12:04	M
(SM 2540G)								
Percent Moisture	**8**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917040 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-20B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.46 I**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/06/2022 12:07	M
(SM 2540G)								
Percent Moisture	**7**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917041 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-1C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**10**	mg/Kg	2.3	0.44	1	09/01/2022 10:00	09/08/2022 11:20	M
(SM 2540G)								
Percent Moisture	**13**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917042 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-2C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.57 I**	mg/Kg	2.4	0.46	1	09/01/2022 10:00	09/08/2022 11:24	M
(SM 2540G)								
Percent Moisture	**18**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917043 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-3C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.45 I**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/08/2022 11:27	M
(SM 2540G)								
Percent Moisture	**6**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917044 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-4C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.47 I**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/08/2022 11:38	M
(SM 2540G)								
Percent Moisture	**6**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917045 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-5C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.72 I**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/08/2022 11:41	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917046 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-6C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.51 I**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/08/2022 11:45	M
(SM 2540G)								
Percent Moisture	**7**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917047 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-7C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**1.2 I**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/08/2022 11:48	M
(SM 2540G)								
Percent Moisture	**3**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917048 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-8C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.57 I**	mg/Kg	2.1	0.39	1	09/01/2022 10:00	09/08/2022 11:51	M
(SM 2540G)								
Percent Moisture	**4**	%	0.001	0.0010	1	09/07/2022 15:10	09/07/2022 15:10	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917049 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-9C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.62 I**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/08/2022 11:55	M
(SM 2540G)								
Percent Moisture	**8**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917050 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-10C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.41 U	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/08/2022 11:58	M
(SM 2540G)								
Percent Moisture	**7**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917051 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-11C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.67 I**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/08/2022 12:02	M
(SM 2540G)								
Percent Moisture	**8**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917052 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-12C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.48 I**	mg/Kg	2.1	0.39	1	09/01/2022 10:00	09/08/2022 12:05	M
(SM 2540G)								
Percent Moisture	**4**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917053 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-13C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.66 I**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/08/2022 12:09	M
(SM 2540G)								
Percent Moisture	**10**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917054 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-14C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**1.7 I**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/08/2022 12:19	M
(SM 2540G)								
Percent Moisture	**7**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917055 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-15C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.57 I**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/08/2022 12:23	M
(SM 2540G)								
Percent Moisture	**12**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917056 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-16C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**4.7**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/08/2022 12:26	M
(SM 2540G)								
Percent Moisture	**8**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917057 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-17C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**2.9**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/08/2022 12:30	M
(SM 2540G)								
Percent Moisture	**13**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917058 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-18C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.53 I**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/08/2022 12:33	M
(SM 2540G)								
Percent Moisture	**8**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917059 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-19C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.61 I**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/08/2022 12:37	M
(SM 2540G)								
Percent Moisture	**11**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917060 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-20C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.58 I**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/08/2022 12:40	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917061 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-AA **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**28**	mg/Kg	2.4	0.44	1	09/01/2022 10:00	09/08/2022 13:33	M
(SM 2540G)								
Percent Moisture	**15**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

Analysis Results Comments

Arsenic

J4|Estimated Result

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917062 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-AB **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.45 I**	mg/Kg	2.1	0.41	1	09/01/2022 10:00	09/08/2022 13:43	M
(SM 2540G)								
Percent Moisture	**7**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917063 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-AC **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.43 U	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/08/2022 13:47	M
(SM 2540G)								
Percent Moisture	**14**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917064 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-AD **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.94 I**	mg/Kg	2.6	0.49	1	09/01/2022 10:00	09/08/2022 13:50	M
(SM 2540G)								
Percent Moisture	**25**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917065 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-AE **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.82 I**	mg/Kg	2.2	0.42	1	09/01/2022 10:00	09/08/2022 13:54	M
(SM 2540G)								
Percent Moisture	**12**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917066 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-AF **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.64 I**	mg/Kg	2.2	0.41	1	09/01/2022 10:00	09/08/2022 13:57	M
(SM 2540G)								
Percent Moisture	**9**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917067 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-AG **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.43 U	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/08/2022 14:01	M
(SM 2540G)								
Percent Moisture	**13**	%	0.001	0.0010	1	09/07/2022 18:30	09/07/2022 18:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917068 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-AH **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.43 I**	mg/Kg	2.1	0.40	1	09/01/2022 10:00	09/08/2022 14:04	M
(SM 2540G)								
Percent Moisture	**8**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917069 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-BA **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**33**	mg/Kg	2.3	0.44	1	09/01/2022 10:00	09/08/2022 14:08	M
(SM 2540G)								
Percent Moisture	**15**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917070 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-BB **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**9.7**	mg/Kg	2.3	0.43	1	09/01/2022 10:00	09/08/2022 14:12	M
(SM 2540G)								
Percent Moisture	**10**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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FINAL

Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917071 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-BC **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.46 U	mg/Kg	2.4	0.46	1	09/01/2022 10:00	09/08/2022 14:15	M
(SM 2540G)								
Percent Moisture	**18**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917072 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-BD **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.45 U	mg/Kg	2.4	0.45	1	09/01/2022 10:00	09/08/2022 14:26	M
(SM 2540G)								
Percent Moisture	**18**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917073 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-BE **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.74 I**	mg/Kg	2.4	0.45	1	09/01/2022 10:00	09/08/2022 14:29	M
(SM 2540G)								
Percent Moisture	**18**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917074 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-BF **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.44 U	mg/Kg	2.3	0.44	1	09/01/2022 10:00	09/08/2022 14:32	M
(SM 2540G)								
Percent Moisture	**13**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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FINAL

Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917075 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-BG **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.46 U	mg/Kg	2.4	0.46	1	09/01/2022 10:00	09/08/2022 14:36	M
(SM 2540G)								
Percent Moisture	**18**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917076 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: S-BH **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.45 I**	mg/Kg	2.3	0.44	1	09/01/2022 10:00	09/08/2022 14:39	M
(SM 2540G)								
Percent Moisture	**16**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917077 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: COMP-A **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**4.4**	mg/Kg	2.3	0.44	1	09/01/2022 10:00	09/08/2022 14:43	M
SEMIVOLATILES (SW-846 3550B/EPA 8081)								
4,4`-DDD	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
4,4`-DDE	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
4,4`-DDT	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Aldrin	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Chlordane (technical)	0.011 U	mg/Kg	0.037	0.011	1	09/06/2022 11:00	09/09/2022 19:08	M
Dieldrin	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Endosulfan I	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Endosulfan II	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Endosulfan Sulfate	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Endrin	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Endrin Aldehyde	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Heptachlor	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Heptachlor Epoxide	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Methoxychlor	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
Toxaphene	0.012 U	mg/Kg	0.037	0.012	1	09/06/2022 11:00	09/09/2022 19:08	M
alpha-BHC	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
beta-BHC	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
delta-BHC	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
gamma-BHC (Lindane)	0.0012 U	mg/Kg	0.0019	0.0012	1	09/06/2022 11:00	09/09/2022 19:08	M
(SM 2540G)								
Percent Moisture	**13**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	80	69	86	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	160	250	**155**	42 - 129	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917078 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: COMP-B **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**1.3 I**	mg/Kg	2.4	0.45	1	09/01/2022 10:00	09/08/2022 14:47	M
SEMIVOLATILES (SW-846 3550B/EPA 8081)								
4,4`-DDD	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
4,4`-DDE	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
4,4`-DDT	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Aldrin	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Chlordane (technical)	0.012 U	mg/Kg	0.039	0.012	1	09/06/2022 11:00	09/09/2022 19:30	M
Dieldrin	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Endosulfan I	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Endosulfan II	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Endosulfan Sulfate	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Endrin	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Endrin Aldehyde	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Heptachlor	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Heptachlor Epoxide	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Methoxychlor	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
Toxaphene	0.012 U	mg/Kg	0.039	0.012	1	09/06/2022 11:00	09/09/2022 19:30	M
alpha-BHC	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
beta-BHC	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
delta-BHC	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
gamma-BHC (Lindane)	0.0013 U	mg/Kg	0.0019	0.0013	1	09/06/2022 11:00	09/09/2022 19:30	M
(SM 2540G)								
Percent Moisture	**16**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	81	58	71	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	160	220	**134**	42 - 129	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Lab ID: M2204917079 **Date Collected:** 08/29/2022 00:00 **Matrix:** Soil
Sample ID: COMP-C **Date Received:** 08/31/2022 11:10

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	**0.50 I**	mg/Kg	2.4	0.45	1	09/01/2022 10:00	09/08/2022 14:50	M
SEMIVOLATILES (SW-846 3550B/EPA 8081)								
4,4`-DDD	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
4,4`-DDE	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
4,4`-DDT	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Aldrin	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Chlordane (technical)	0.011 U	mg/Kg	0.037	0.011	1	09/06/2022 11:00	09/09/2022 19:51	M
Dieldrin	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Endosulfan I	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Endosulfan II	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Endosulfan Sulfate	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Endrin	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Endrin Aldehyde	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Heptachlor	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Heptachlor Epoxide	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Methoxychlor	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
Toxaphene	0.012 U	mg/Kg	0.037	0.012	1	09/06/2022 11:00	09/09/2022 19:51	M
alpha-BHC	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
beta-BHC	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
delta-BHC	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
gamma-BHC (Lindane)	0.0012 U	mg/Kg	0.0018	0.0012	1	09/06/2022 11:00	09/09/2022 19:51	M
(SM 2540G)								
Percent Moisture	**17**	%	0.001	0.0010	1	09/08/2022 12:30	09/08/2022 12:30	M

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Workorder: St Andrews Dr (M2204917)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	76	54	71	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	150	200	**133**	42 - 129	M

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Workorder: St Andrews Dr (M2204917)

QC Results

QC Batch: GCSm/2418
Preparation Method: SW-846 3550B
Associated Lab IDs: M2204917077, M2204917078, M2204917079
Analysis Method: EPA 8081

Method Blank(4455173)

Parameter	Results	Units	PQL	MDL	Lab
alpha-BHC	0.00094 U	mg/Kg	0.0014	0.00094	M
gamma-BHC (Lindane)	0.00094 U	mg/Kg	0.0014	0.00094	M
beta-BHC	0.00094 U	mg/Kg	0.0014	0.00094	M
delta-BHC	0.00094 U	mg/Kg	0.0014	0.00094	M
Heptachlor	0.00094 U	mg/Kg	0.0014	0.00094	M
Aldrin	0.00094 U	mg/Kg	0.0014	0.00094	M
Heptachlor Epoxide	0.00094 U	mg/Kg	0.0014	0.00094	M
Endosulfan I	0.00094 U	mg/Kg	0.0014	0.00094	M
4,4`-DDE	0.00094 U	mg/Kg	0.0014	0.00094	M
Dieldrin	0.00094 U	mg/Kg	0.0014	0.00094	M
Endrin	0.00094 U	mg/Kg	0.0014	0.00094	M
4,4`-DDD	0.00094 U	mg/Kg	0.0014	0.00094	M
Endosulfan II	0.00094 U	mg/Kg	0.0014	0.00094	M
Endrin Aldehyde	0.00094 U	mg/Kg	0.0014	0.00094	M
4,4`-DDT	0.00094 U	mg/Kg	0.0014	0.00094	M
Endosulfan Sulfate	0.00094 U	mg/Kg	0.0014	0.00094	M
Methoxychlor	0.00094 U	mg/Kg	0.0014	0.00094	M
Chlordane (technical)	0.0086 U	mg/Kg	0.029	0.0086	M
Toxaphene	0.0093 U	mg/Kg	0.029	0.0093	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.0720	0.06	80	63 - 130	
Tetrachloro-m-xylene (S)	mg/L	0.14	0.22	**155**	42 - 129	

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Workorder: St Andrews Dr (M2204917)

QC Results

QC Batch: ICPm/2810 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3050B
Associated Lab IDs: M2204917001, M2204917002, M2204917003, M2204917004, M2204917005, M2204917006, M2204917007, M2204917008, M2204917009, M2204917010, M2204917011, M2204917012, M2204917013, M2204917014, M2204917015, M2204917016, M2204917017, M2204917018, M2204917019, M2204917020

Method Blank(4451407)

Parameter	Results	Units	PQL	MDL	Lab
Arsenic	0.38 U	mg/Kg	2.0	0.38	M

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Workorder: St Andrews Dr (M2204917)

QC Results

QC Batch: ICPm/2811 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3050B
Associated Lab IDs: M2204917021, M2204917022, M2204917023, M2204917024, M2204917025, M2204917026, M2204917027, M2204917028, M2204917029, M2204917030, M2204917031, M2204917032, M2204917033, M2204917034, M2204917035, M2204917036, M2204917037, M2204917038, M2204917039, M2204917040

Method Blank(4451436)

Parameter	Results	Units	PQL	MDL	Lab
Arsenic	0.38 U	mg/Kg	2.0	0.38	M

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Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)

QC Results

QC Batch: ICPm/2812 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3050B
Associated Lab IDs: M2204917041, M2204917042, M2204917043, M2204917044, M2204917045, M2204917046, M2204917047, M2204917048, M2204917049, M2204917050, M2204917051, M2204917052, M2204917053, M2204917054, M2204917055, M2204917056, M2204917057, M2204917058, M2204917059, M2204917060

Method Blank(4451466)

Parameter	Results	Units	PQL	MDL	Lab
Arsenic	0.38 U	mg/Kg	2.0	0.38	M

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Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)

QC Results

QC Batch: ICPm/2813 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3050B
Associated Lab IDs: M2204917061, M2204917062, M2204917063, M2204917064, M2204917065, M2204917066, M2204917067, M2204917068, M2204917069, M2204917070, M2204917071, M2204917072, M2204917073, M2204917074, M2204917075, M2204917076, M2204917077, M2204917078, M2204917079

Method Blank(4451478)

Parameter	Results	Units	PQL	MDL	Lab
Arsenic	0.38 U	mg/Kg	2.0	0.38	M

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FINAL

Workorder: St Andrews Dr (M2204917)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
GCSm/2418 - EPA 8081			
M2204917077	COMP-A	EXTm/3370	SW-846 3550B
M2204917078	COMP-B	EXTm/3370	SW-846 3550B
M2204917079	COMP-C	EXTm/3370	SW-846 3550B
ICPm/2810 - SW-846 6010			
M2204917001	S-1A	DGMm/2888	SW-846 3050B
M2204917002	S-2A	DGMm/2888	SW-846 3050B
M2204917003	S-3A	DGMm/2888	SW-846 3050B
M2204917004	S-4A	DGMm/2888	SW-846 3050B
M2204917005	S-5A	DGMm/2888	SW-846 3050B
M2204917006	S-6A	DGMm/2888	SW-846 3050B
M2204917007	S-7A	DGMm/2888	SW-846 3050B
M2204917008	S-8A	DGMm/2888	SW-846 3050B
M2204917009	S-9A	DGMm/2888	SW-846 3050B
M2204917010	S-10A	DGMm/2888	SW-846 3050B
M2204917011	S-11A	DGMm/2888	SW-846 3050B
M2204917012	S-12A	DGMm/2888	SW-846 3050B
M2204917013	S-13A	DGMm/2888	SW-846 3050B
M2204917014	S-14A	DGMm/2888	SW-846 3050B
M2204917015	S-15A	DGMm/2888	SW-846 3050B
M2204917016	S-16A	DGMm/2888	SW-846 3050B
M2204917017	S-17A	DGMm/2888	SW-846 3050B
M2204917018	S-18A	DGMm/2888	SW-846 3050B
M2204917019	S-19A	DGMm/2888	SW-846 3050B
M2204917020	S-20A	DGMm/2888	SW-846 3050B

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FINAL

Workorder: St Andrews Dr (M2204917)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPm/2811 - SW-846 6010			
M2204917021	S-1B	DGMm/2889	SW-846 3050B
M2204917022	S-2B	DGMm/2889	SW-846 3050B
M2204917023	S-3B	DGMm/2889	SW-846 3050B
M2204917024	S-4B	DGMm/2889	SW-846 3050B
M2204917025	S-5B	DGMm/2889	SW-846 3050B
M2204917026	S-6B	DGMm/2889	SW-846 3050B
M2204917027	S-7B	DGMm/2889	SW-846 3050B
M2204917028	S-8B	DGMm/2889	SW-846 3050B
M2204917029	S-9B	DGMm/2889	SW-846 3050B
M2204917030	S-10B	DGMm/2889	SW-846 3050B
M2204917031	S-11B	DGMm/2889	SW-846 3050B
M2204917032	S-12B	DGMm/2889	SW-846 3050B
M2204917033	S-13B	DGMm/2889	SW-846 3050B
M2204917034	S-14B	DGMm/2889	SW-846 3050B
M2204917035	S-15B	DGMm/2889	SW-846 3050B
M2204917036	S-16B	DGMm/2889	SW-846 3050B
M2204917037	S-17B	DGMm/2889	SW-846 3050B
M2204917038	S-18B	DGMm/2889	SW-846 3050B
M2204917039	S-19B	DGMm/2889	SW-846 3050B
M2204917040	S-20B	DGMm/2889	SW-846 3050B

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FINAL

Workorder: St Andrews Dr (M2204917)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPm/2812 - SW-846 6010			
M2204917041	S-1C	DGMm/2890	SW-846 3050B
M2204917042	S-2C	DGMm/2890	SW-846 3050B
M2204917043	S-3C	DGMm/2890	SW-846 3050B
M2204917044	S-4C	DGMm/2890	SW-846 3050B
M2204917045	S-5C	DGMm/2890	SW-846 3050B
M2204917046	S-6C	DGMm/2890	SW-846 3050B
M2204917047	S-7C	DGMm/2890	SW-846 3050B
M2204917048	S-8C	DGMm/2890	SW-846 3050B
M2204917049	S-9C	DGMm/2890	SW-846 3050B
M2204917050	S-10C	DGMm/2890	SW-846 3050B
M2204917051	S-11C	DGMm/2890	SW-846 3050B
M2204917052	S-12C	DGMm/2890	SW-846 3050B
M2204917053	S-13C	DGMm/2890	SW-846 3050B
M2204917054	S-14C	DGMm/2890	SW-846 3050B
M2204917055	S-15C	DGMm/2890	SW-846 3050B
M2204917056	S-16C	DGMm/2890	SW-846 3050B
M2204917057	S-17C	DGMm/2890	SW-846 3050B
M2204917058	S-18C	DGMm/2890	SW-846 3050B
M2204917059	S-19C	DGMm/2890	SW-846 3050B
M2204917060	S-20C	DGMm/2890	SW-846 3050B

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Workorder: St Andrews Dr (M2204917)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPm/2813 - SW-846 6010			
M2204917061	S-AA	DGMm/2891	SW-846 3050B
M2204917062	S-AB	DGMm/2891	SW-846 3050B
M2204917063	S-AC	DGMm/2891	SW-846 3050B
M2204917064	S-AD	DGMm/2891	SW-846 3050B
M2204917065	S-AE	DGMm/2891	SW-846 3050B
M2204917066	S-AF	DGMm/2891	SW-846 3050B
M2204917067	S-AG	DGMm/2891	SW-846 3050B
M2204917068	S-AH	DGMm/2891	SW-846 3050B
M2204917069	S-BA	DGMm/2891	SW-846 3050B
M2204917070	S-BB	DGMm/2891	SW-846 3050B
M2204917071	S-BC	DGMm/2891	SW-846 3050B
M2204917072	S-BD	DGMm/2891	SW-846 3050B
M2204917073	S-BE	DGMm/2891	SW-846 3050B
M2204917074	S-BF	DGMm/2891	SW-846 3050B
M2204917075	S-BG	DGMm/2891	SW-846 3050B
M2204917076	S-BH	DGMm/2891	SW-846 3050B
M2204917077	COMP-A	DGMm/2891	SW-846 3050B
M2204917078	COMP-B	DGMm/2891	SW-846 3050B
M2204917079	COMP-C	DGMm/2891	SW-846 3050B

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Workorder: St Andrews Dr (M2204917)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAm/8532 - SM 2540G			
M2204917001	S-1A		
M2204917002	S-2A		
M2204917003	S-3A		
M2204917004	S-4A		
M2204917005	S-5A		
M2204917006	S-6A		
M2204917007	S-7A		
M2204917008	S-8A		
M2204917009	S-9A		
M2204917010	S-10A		
M2204917011	S-11A		
M2204917012	S-12A		
M2204917013	S-13A		
M2204917014	S-14A		
M2204917015	S-15A		
M2204917016	S-16A		
M2204917017	S-17A		
M2204917018	S-18A		

Certificate of Analysis

NELAP Accredited E82535

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Workorder: St Andrews Dr (M2204917)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAm/8534 - SM 2540G			
M2204917019	S-19A		
M2204917020	S-20A		
M2204917021	S-1B		
M2204917022	S-2B		
M2204917023	S-3B		
M2204917024	S-4B		
M2204917025	S-5B		
M2204917026	S-6B		
M2204917027	S-7B		
M2204917028	S-8B		
M2204917029	S-9B		
M2204917030	S-10B		
M2204917031	S-11B		
M2204917032	S-12B		
M2204917033	S-13B		
M2204917034	S-14B		
M2204917035	S-15B		
M2204917036	S-16B		
M2204917037	S-17B		
WCAm/8592 - SM 2540G			
M2204917038	S-18B		
M2204917039	S-19B		
M2204917040	S-20B		
M2204917041	S-1C		
M2204917042	S-2C		
M2204917043	S-3C		
M2204917044	S-4C		
M2204917045	S-5C		
M2204917046	S-6C		
M2204917047	S-7C		
M2204917048	S-8C		

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Workorder: St Andrews Dr (M2204917)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAm/8600 - SM 2540G			
M2204917049	S-9C		
M2204917050	S-10C		
M2204917051	S-11C		
M2204917052	S-12C		
M2204917053	S-13C		
M2204917054	S-14C		
M2204917055	S-15C		
M2204917056	S-16C		
M2204917057	S-17C		
M2204917058	S-18C		
M2204917059	S-19C		
M2204917060	S-20C		
M2204917061	S-AA		
M2204917062	S-AB		
M2204917063	S-AC		
M2204917064	S-AD		
M2204917065	S-AE		
M2204917066	S-AF		
M2204917067	S-AG		
WCAm/8610 - SM 2540G			
M2204917068	S-AH		
M2204917069	S-BA		
M2204917070	S-BB		
M2204917071	S-BC		
M2204917072	S-BD		
M2204917073	S-BE		
M2204917074	S-BF		
M2204917075	S-BG		
M2204917076	S-BH		
M2204917077	COMP-A		
M2204917078	COMP-B		
M2204917079	COMP-C		

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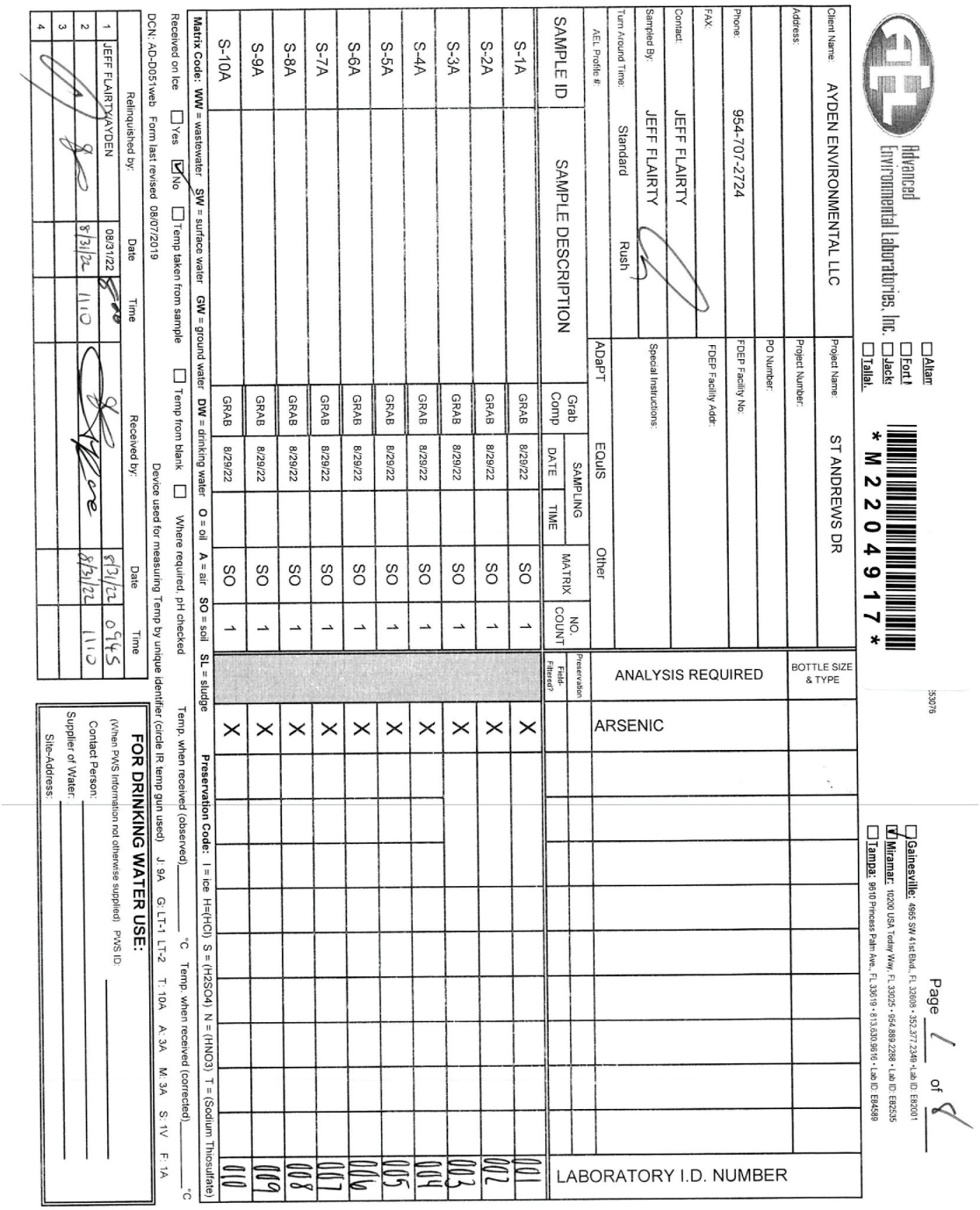
Workorder: St Andrews Dr (M2204917)



Advanced Environmental Laboratories, Inc
☐ Allan ☐ Fort ☐ Jack ☐ Talla
* M 2 2 0 4 9 1 7 *
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Page 1 of 2
☐ Gainesville: 4965 SW 41st Blvd., FL 32608 - 352.377.2349 - Lab ID: E82001
☑ Miramar: 10200 USA Today Way, FL 33025 - 954.889.2288 - Lab ID: E82535
☐ Tampa: 9610 Princess Palm Ave., FL 33619 - 813.630.9616 - Lab ID: E84580

Client Name: AYDEN ENVIRONMENTAL LLC
Project Name: ST ANDREWS DR
Address:
Project Number:
PO Number:
Phone: 954-707-2724
FDEP Facility No:
FAX:
FDEP Facility Addr:
Contact: JEFF FLAIRTY
Sampled By: JEFF FLAIRTY
Special Instructions:
Turn Around Time: Standard Rush
AEL Profile #:
ADaPT
EQuIS
Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab/Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preservation Field-Filtered?	ANALYSIS REQUIRED: ARSENIC	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
S-1A		GRAB	8/29/22		SO	1		X		001
S-2A		GRAB	8/29/22		SO	1		X		002
S-3A		GRAB	8/29/22		SO	1		X		003
S-4A		GRAB	8/29/22		SO	1		X		004
S-5A		GRAB	8/29/22		SO	1		X		005
S-6A		GRAB	8/29/22		SO	1		X		006
S-7A		GRAB	8/29/22		SO	1		X		007
S-8A		GRAB	8/29/22		SO	1		X		008
S-9A		GRAB	8/29/22		SO	1		X		009
S-10A		GRAB	8/29/22		SO	1		X		010

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)
Received on Ice ☐ Yes ☑ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked
Temp. when received (observed)_____ °C Temp. when received (corrected)_____ °C
Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A
DCN: AD-D051web Form last revised 08/07/2019

	Relinquished by:	Date	Time	Received by:	Date	Time
1	JEFF FLAIRTY/AYDEN	08/31/22			8/31/22	0945
2		8/31/22	1110		8/31/22	1110
3						
4						

FOR DRINKING WATER USE:
(When PWS Information not otherwise supplied) PWS ID:
Contact Person:
Supplier of Water:
Site-Address:

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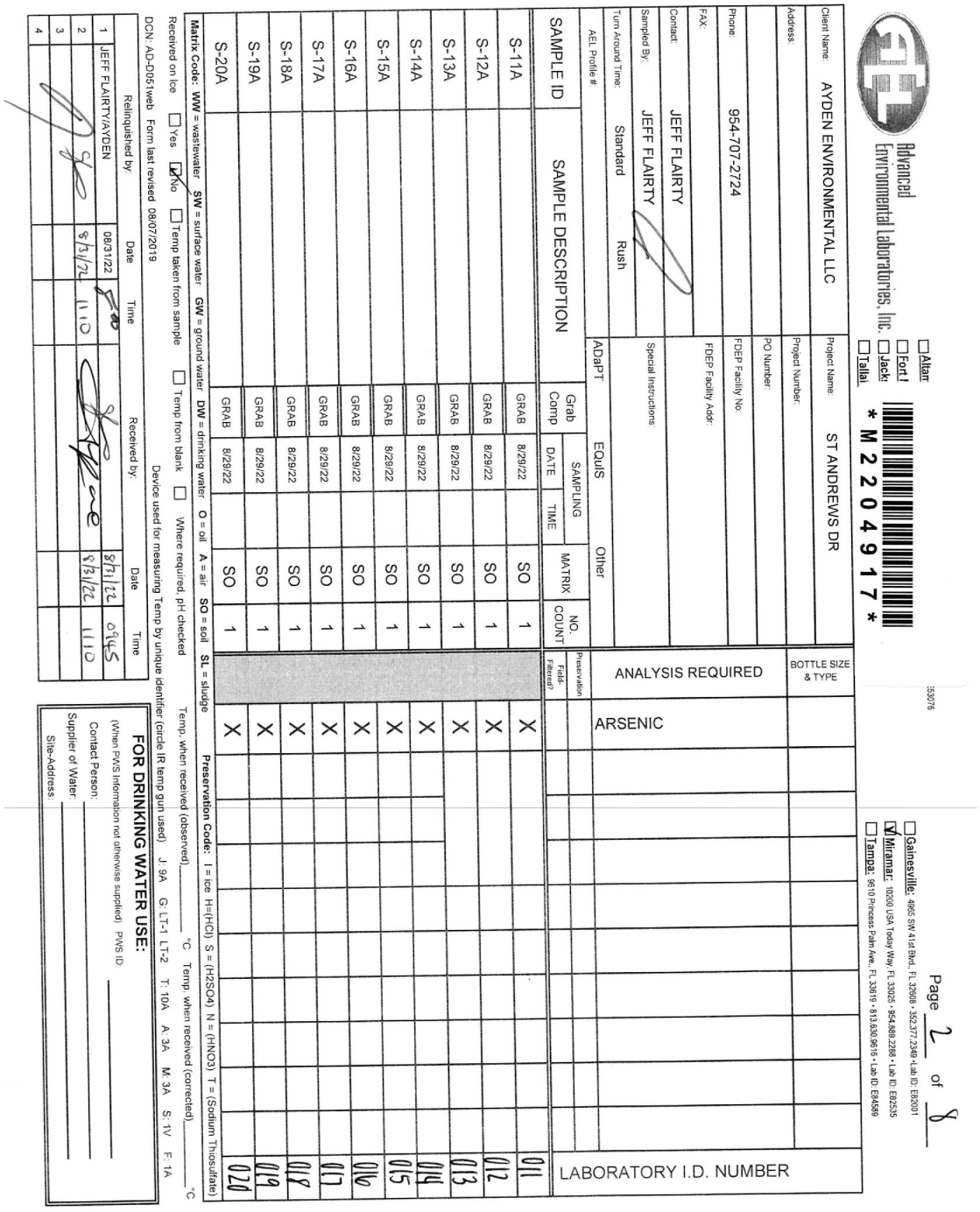
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)



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* M 2 2 0 4 9 1 7 *
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☐ Gainesville: 4965 SW 41st Blvd, FL 32608 • 352.377.2349 • Lab ID: E82001
☑ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Client Name: AYDEN ENVIRONMENTAL LLC
Address:
Phone: 954-707-2724
FAX:
Contact: JEFF FLAIRTY
Sampled By: JEFF FLAIRTY
Turn Around Time: Standard Rush
AEL Profile #:

Project Name: ST ANDREWS DR
Project Number:
PO Number:
FDEP Facility No:
FDEP Facility Addr:
Special Instructions:

ADaPT EQuIS Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preservation Field-Filtered?	ANALYSIS REQUIRED: ARSENIC	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
S-11A		GRAB	8/29/22		SO	1		X		011
S-12A		GRAB	8/29/22		SO	1		X		012
S-13A		GRAB	8/29/22		SO	1		X		013
S-14A		GRAB	8/29/22		SO	1		X		014
S-15A		GRAB	8/29/22		SO	1		X		015
S-16A		GRAB	8/29/22		SO	1		X		016
S-17A		GRAB	8/29/22		SO	1		X		017
S-18A		GRAB	8/29/22		SO	1		X		018
S-19A		GRAB	8/29/22		SO	1		X		019
S-20A		GRAB	8/29/22		SO	1		X		020

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☑ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked
Temp. when received (observed)_____ °C Temp. when received (corrected)_____ °C
Device used for measuring Temp by unique identifier (circle IR temp gun used) J 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A
DCN: AD-0051web Form last revised 08/07/2019

	Relinquished by:	Date	Time	Received by:	Date	Time
1	JEFF FLAIRTY/AYDEN	08/31/22			8/31/22	0845
2		8/31/22	1110		8/31/22	1110
3						
4						

FOR DRINKING WATER USE:
(When PWS Information not otherwise supplied) PWS ID:
Contact Person:
Supplier of Water:
Site-Address:

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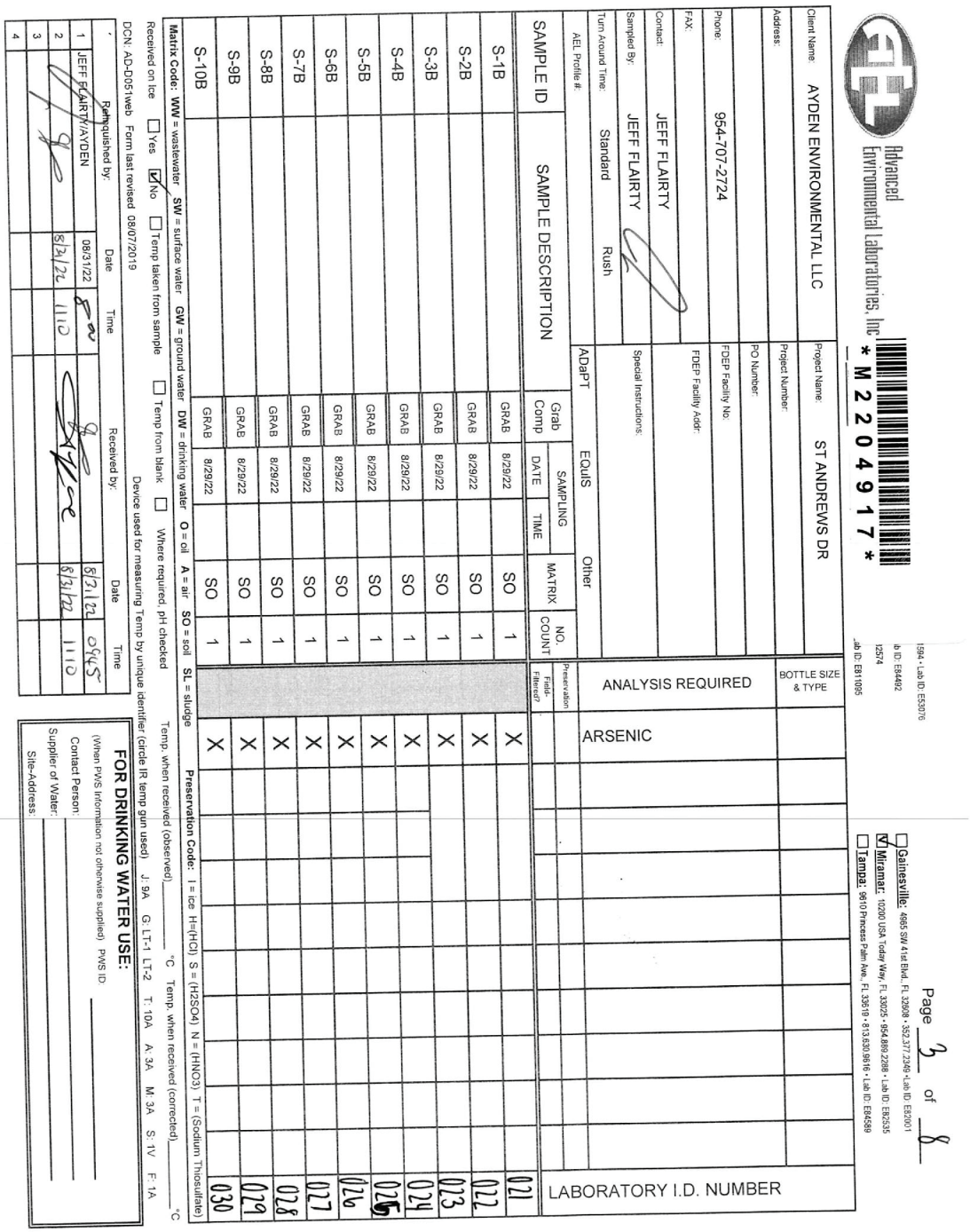
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)



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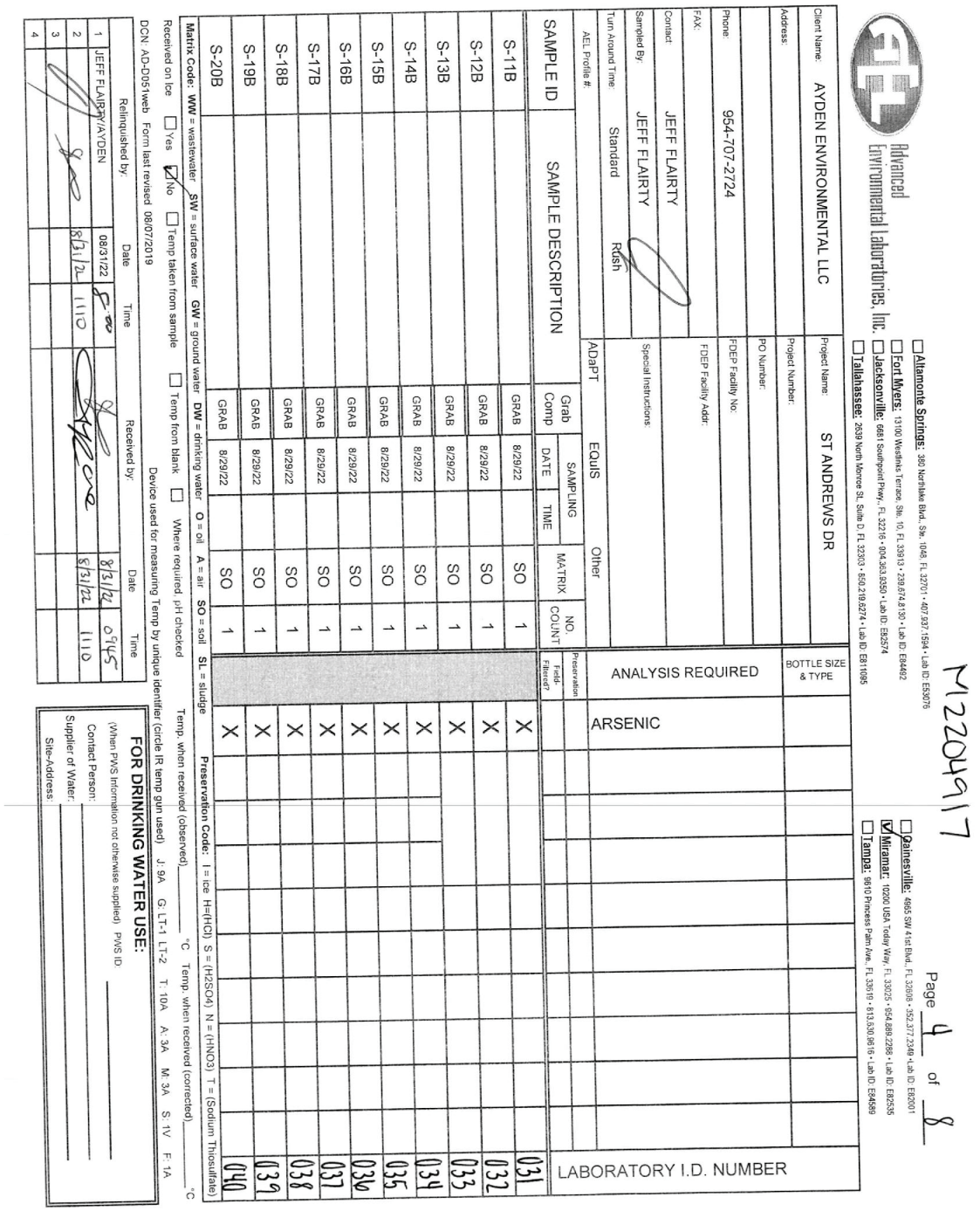
FINAL

Workorder: St Andrews Dr (M2204917)



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☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10 • FL 33913 • 239.674.8139 • Lab ID: E84482
☐ **Jacksonville:** 6651 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ **Tallahassee:** 2639 North Monroe St. Suite D FL 32303 • 850.219.6274 • Lab ID: E81095
☐ **Gainesville:** 4625 SW 41st Blvd. FL 32608 • 352.377.2349 • Lab ID: E82001
☑ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

M2204917

Page 4 of 8

Client Name:	AYDEN ENVIRONMENTAL LLC	Project Name:	ST ANDREWS DR
Address:		Project Number:	
		PO Number:	
Phone:	954-707-2724	FDEP Facility No:	
FAX:		FDEP Facility Addr:	
Contact:	JEFF FLAIRTY		
Sampled By:	JEFF FLAIRTY	Special Instructions:	
Turn Around Time:	Standard Rush		
AEL Profile #:		ADaPT ☐ EQuIS ☐ Other ☐	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preservation Field-Filtered?	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
S-11B		GRAB	8/29/22		SO	1		X		031
S-12B		GRAB	8/29/22		SO	1		X		032
S-13B		GRAB	8/29/22		SO	1		X		033
S-14B		GRAB	8/29/22		SO	1		X		034
S-15B		GRAB	8/29/22		SO	1		X		035
S-16B		GRAB	8/29/22		SO	1		X		036
S-17B		GRAB	8/29/22		SO	1		X		037
S-18B		GRAB	8/29/22		SO	1		X		038
S-19B		GRAB	8/29/22		SO	1		X		039
S-20B		GRAB	8/29/22		SO	1		X		040

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge **Preservation Code:** I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☑ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temp. when received (observed)_____ °C Temp. when received (corrected)_____ °C

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

DCN: AD-D051web Form last revised: 08/07/2019

	Relinquished by:	Date	Time	Received by:	Date	Time
1	JEFF FLAIRTY/AYDEN	08/31/22			8/31/22	0945
2		8/31/22	1110		8/31/22	1110
3						
4						

FOR DRINKING WATER USE:
(When PWS Information not otherwise supplied) PWS ID: _____
Contact Person: _____
Supplier of Water: _____
Site Address: _____

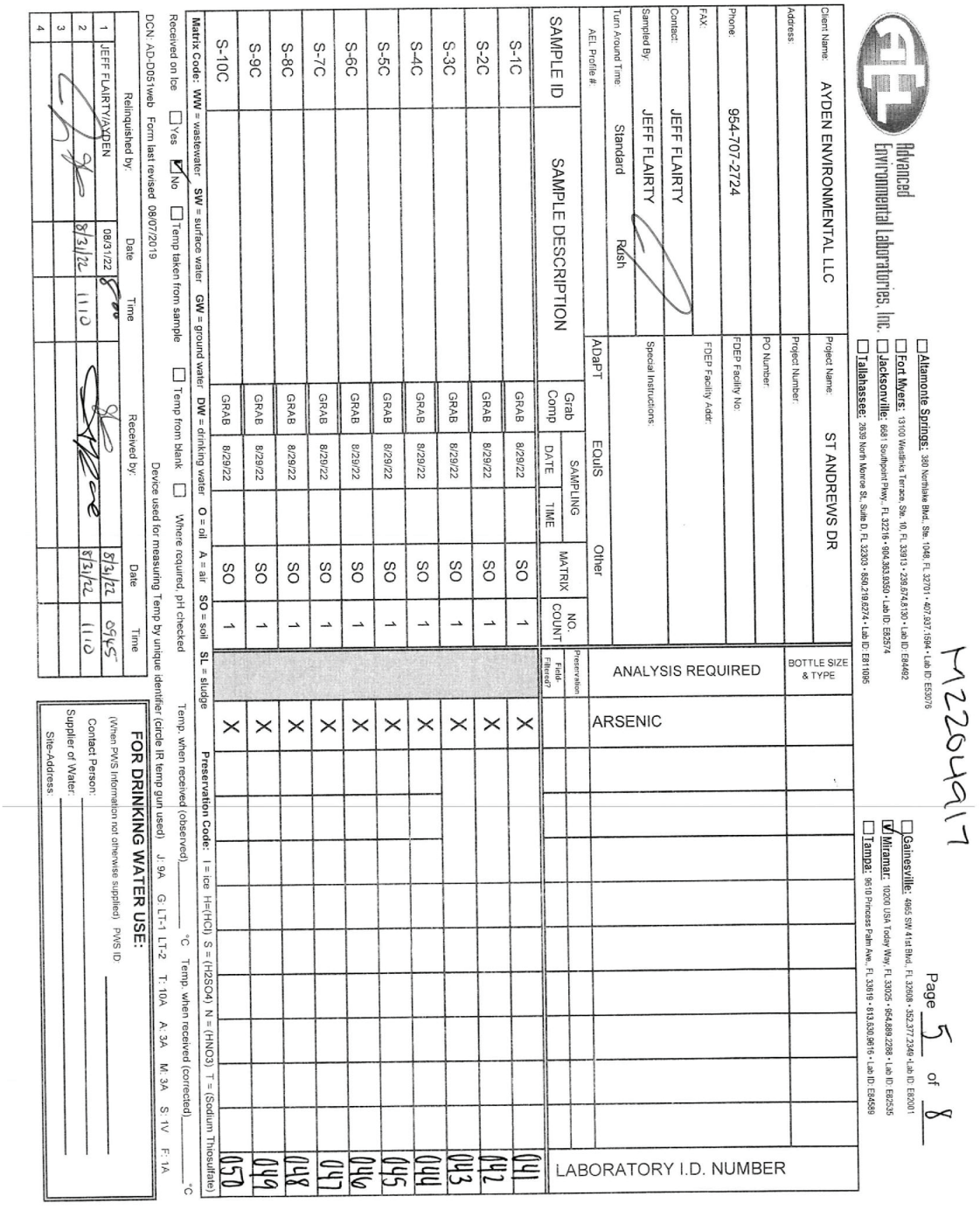
Certificate of Analysis

NELAP Accredited E82535

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)



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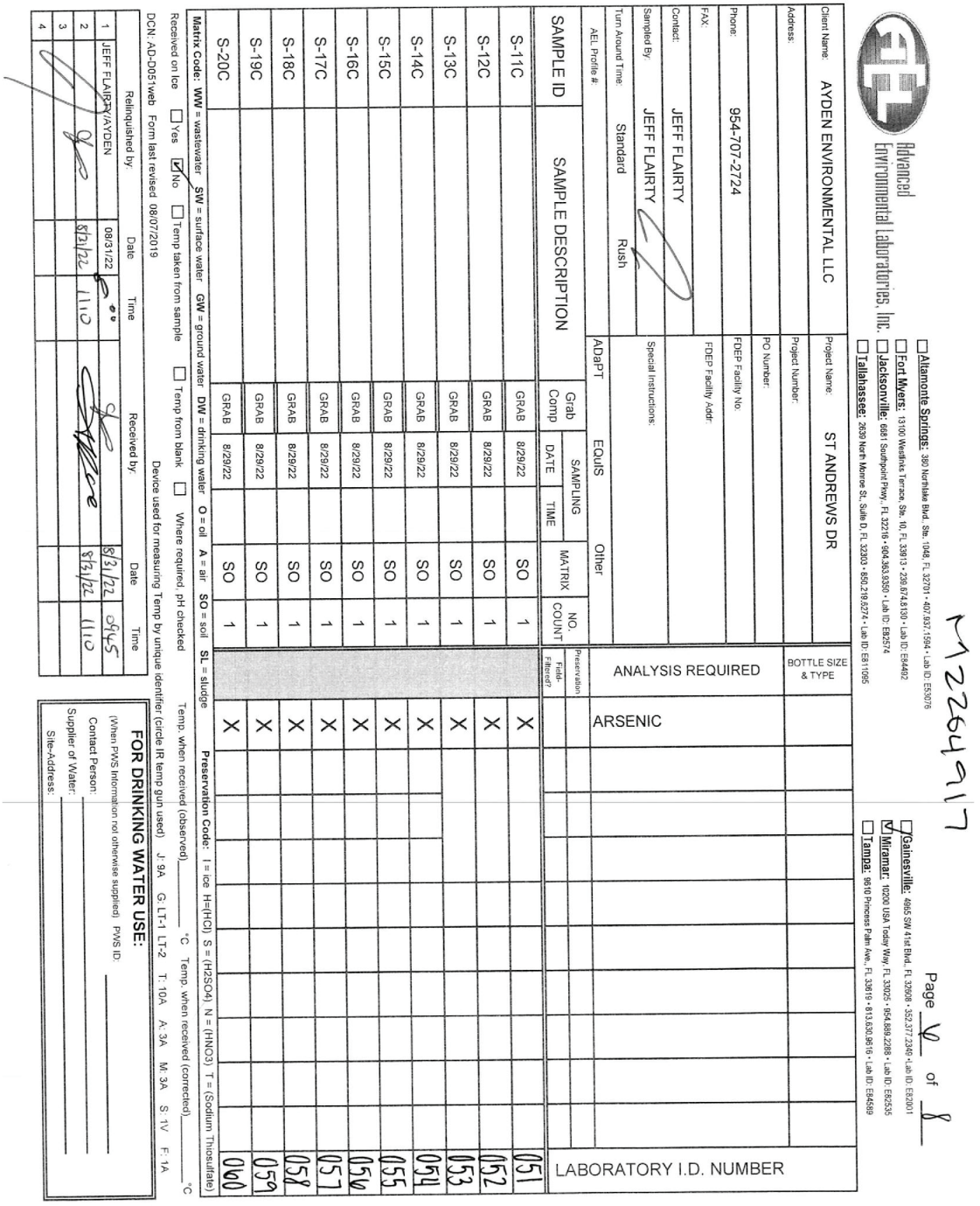
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)



Advanced Environmental Laboratories, Inc.

☐ Alamonte Springs: 380 Northlake Blvd. Ste. 1048, FL 32701 • 407.937.1994 • Lab ID: E83076
☐ Fort Myers: 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8100 • Lab ID: E84492
☐ Jacksonville: 6881 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.8274 • Lab ID: E81095
☐ Gainesville: 4905 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☑ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

M2204917

Page 4 of 8

Client Name: AYDEN ENVIRONMENTAL LLC
Address:
Phone: 954-707-2724
FAX:
Contact: JEFF FLAIRTY
Sampled By: JEFF FLAIRTY
Turn Around Time: Standard Rush
AEL Profile #:

Project Name: ST ANDREWS DR
Project Number:
PO Number:
FDEP Facility No:
FDEP Facility Addr:
Special Instructions:

ADaPT EQuIS Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab/Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preservation Field-Filtered?	ANALYSIS REQUIRED: ARSENIC	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
S-11C		GRAB Comp	8/29/22		SO	1		X		051
S-12C		GRAB	8/29/22		SO	1		X		052
S-13C		GRAB	8/29/22		SO	1		X		053
S-14C		GRAB	8/29/22		SO	1		X		054
S-15C		GRAB	8/29/22		SO	1		X		055
S-16C		GRAB	8/29/22		SO	1		X		056
S-17C		GRAB	8/29/22		SO	1		X		057
S-18C		GRAB	8/29/22		SO	1		X		058
S-19C		GRAB	8/29/22		SO	1		X		059
S-20C		GRAB	8/29/22		SO	1		X		060

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☑ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked

Temp. when received (observed)_____ °C Temp. when received (corrected)_____ °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

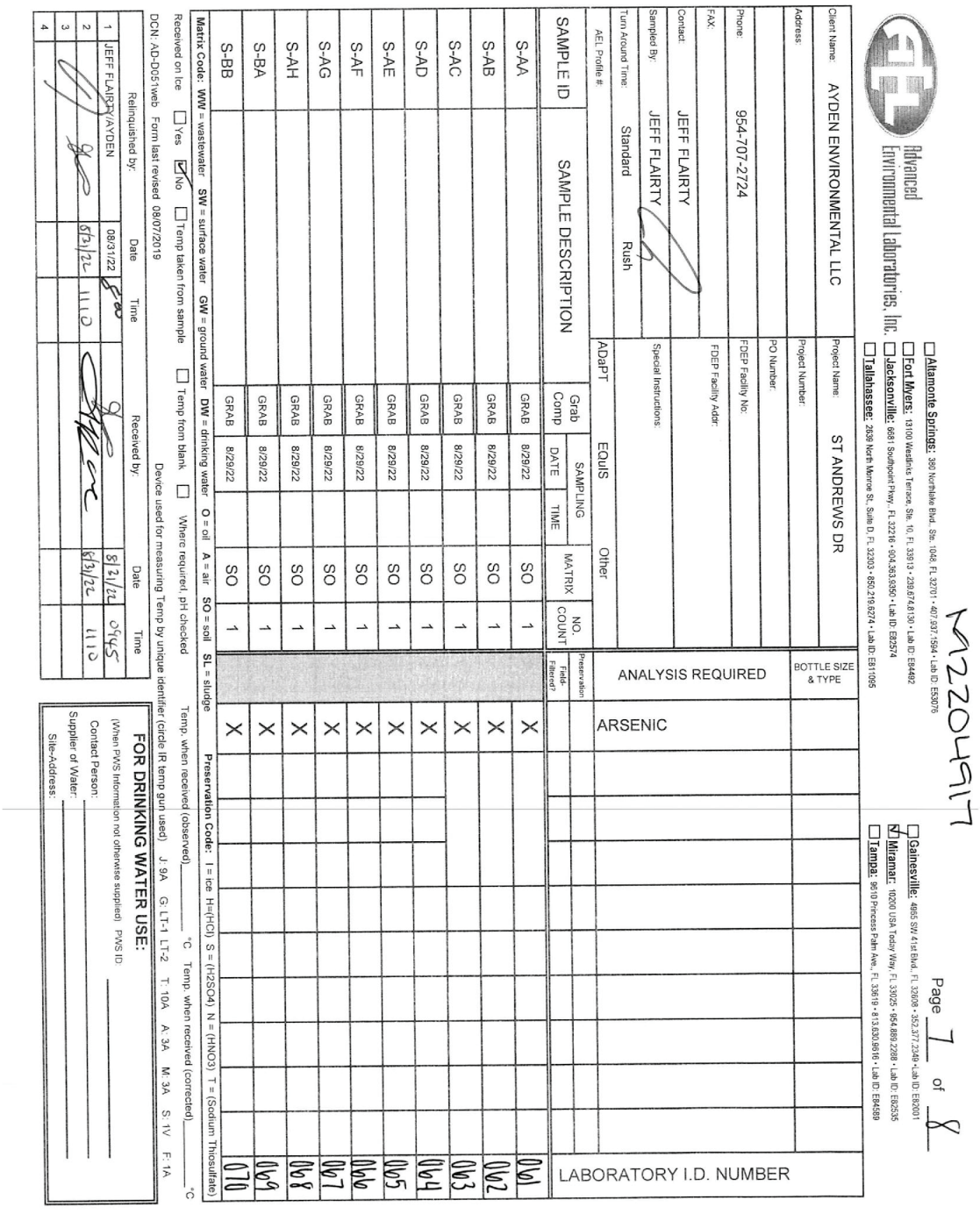
	Relinquished by:	Date	Time	Received by:	Date	Time
1	JEFF FLAIRTY/AYDEN	08/31/22			8/31/22	0945
2		8/31/22	1110		8/31/22	1110
3						
4						

FOR DRINKING WATER USE:
(When PWS Information not otherwise supplied) PWS ID:
Contact Person:
Supplier of Water:
Site-Address:

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)



Advanced Environmental Laboratories, Inc.

☐ Altamonte Springs: 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E83076
☐ Fort Myers: 10100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☐ Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.9274 • Lab ID: E81095
☐ Gainesville: 4953 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☑ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

M2204917

Page 7 of 8

Client Name: AYDEN ENVIRONMENTAL LLC
Address:
Phone: 954-707-2724
FAX:
Contact: JEFF FLAIRTY
Sampled By: JEFF FLAIRTY
Turn Around Time: Standard Rush
AEL Profile #:

Project Name: ST ANDREWS DR
Project Number:
PO Number:
FDEP Facility No:
FDEP Facility Addr:
Special Instructions:

ADaPT EQuIS Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preservation Field-Filtered	ANALYSIS REQUIRED: ARSENIC	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
S-AA		GRAB	8/29/22		SO	1		X		01
S-AB		GRAB	8/29/22		SO	1		X		02
S-AC		GRAB	8/29/22		SO	1		X		03
S-AD		GRAB	8/29/22		SO	1		X		04
S-AE		GRAB	8/29/22		SO	1		X		05
S-AF		GRAB	8/29/22		SO	1		X		06
S-AG		GRAB	8/29/22		SO	1		X		07
S-AH		GRAB	8/29/22		SO	1		X		08
S-BA		GRAB	8/29/22		SO	1		X		09
S-BB		GRAB	8/29/22		SO	1		X		10

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
Preservation Code: I = Ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☑ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked
Temp. when received (observed)_____ °C Temp. when received (corrected)_____ °C

DCN: AD-DC51web Form last revised 08/07/2019
Device used for measuring Temp by unique identifier (circle IR temp gun used) J 9A G LT-1 LT-2 T 10A A 3A M 3A S 1V F 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1	JEFF FLAIRTY/AYDEN	08/31/22			9/1/22	0945
2		8/31/22	1110		9/1/22	1110
3						
4						

FOR DRINKING WATER USE:
(When PWS Information not otherwise supplied) PWS ID:
Contact Person:
Supplier of Water:
Site-Address:

Certificate of Analysis

POWERED BY HORIZON v.13.0.0

NELAP Accredited E82535

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: St Andrews Dr (M2204917)

Advanced Environmental Laboratories, Inc.

☐ **Allamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E55076
☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☐ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E83574
☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E81085
☐ **Gainesville:** 4085 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☑ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84580

M2204917

Page 8 of 8

Client Name:	AYDEN ENVIRONMENTAL LLC
Address:	
Phone:	954-707-2724
FAX:	
Contact:	JEFF FLAIRTY
Sampled By:	JEFF FLAIRTY
Turn Around Time:	Standard RUSH
AEL Profile #:	

Project Name:	ST ANDREWS DR
Project Number:	
PO Number:	
FDEP Facility No:	
FDEP Facility Addr:	
Special Instructions:	

ADaPT EQuIS

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preservation Field-Filtered?	ANALYSIS REQUIRED: ARSENIC	OCPs 8081	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
S-BC		GRAB	8/29/22		SO	1		X			071
S-BD		GRAB	8/29/22		SO	1		X			072
S-BE		GRAB	8/29/22		SO	1		X			073
S-BF		GRAB	8/29/22		SO	1		X			074
S-BG		GRAB	8/29/22		SO	1		X			075
S-BH		GRAB	8/29/22		SO	1		X			076
COMP-A		GRAB	8/29/22		SO	1		X	X		077
COMP-B		GRAB	8/29/22		SO	1		X	X		078
COMP-C		GRAB	8/29/22		SO	1		X	X		079

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = Ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☑ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temp. when received (observed)_____ °C Temp. when received (corrected)_____ °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J 9A G LT-1 LT-2 T 10A A 3A M 3A S 1V F 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1	JEFF FLAIRTY/AYDEN	08/31/22	800		8/31/22	0945
2		8/31/22	1110		8/31/22	1110
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID:

Contact Person:

Supplier of Water:

Site-Address:

ATTACHMENT B

GROUNDWATER ANALYTICAL LABORATORY REPORT

(September 10, 2022)

AYDEN Environmental

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: Bonaventure- Driving Range (M2205082)

September 14, 2022

Jeffrey A Flairty
Ayden Environmental
1260 NE 24th Street, Suite 140
Fort Lauderdale, FL 33305

RE: Workorder: M2205082 Bonaventure- Driving Range

Dear Jeffrey A Flairty:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday September 12, 2022. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mikelle Chong, Client Services Manager
MChong@aellab.com

Certificate of Analysis

POWERED BY HORIZON v.13.0.0

NELAP Accredited E82535

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: Bonaventure- Driving Range (M2205082)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
M2205082001	MW-1	WA	SW-846 6010	09/10/2022 10:55	09/12/2022 08:35	1	NA
M2205082002	MW-2	WA	SW-846 6010	09/10/2022 11:15	09/12/2022 08:35	1	NA

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Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: Bonaventure- Driving Range (M2205082)

Workorder Summary

Batch Comments

ICPm/2840 - ICP 6010B Analysis

The matrix spike recoveries of Magnesium for M2205106001 were outside control criteria due to the presence of target analytes in the sample. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

The matrix spike recovery of Calcium for M2205106001 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS), Matrix Spike Duplicate (MSD) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was required.

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Phone: (954) 889-2288
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FINAL

Workorder: Bonaventure- Driving Range (M2205082)

Analytical Results Qualifiers

Parameter Qualifiers

U	The compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Lab Qualifiers

M	DOH Certification #E82535 (FL NELAC) AEL-Miami

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: Bonaventure- Driving Range (M2205082)

Analytical Results

Lab ID: M2205082001 **Date Collected:** 09/10/2022 10:55 **Matrix:** Water
Sample ID: MW-1 **Date Received:** 09/12/2022 08:35

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Arsenic	0.0031 U	mg/L	0.010	0.0031	1	09/14/2022 00:00	09/14/2022 12:47	M

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Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
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FINAL

Workorder: Bonaventure- Driving Range (M2205082)

Analytical Results

Lab ID: M2205082002 **Date Collected:** 09/10/2022 11:15 **Matrix:** Water
Sample ID: MW-2 **Date Received:** 09/12/2022 08:35

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Arsenic	**0.0057 I**	mg/L	0.010	0.0031	1	09/14/2022 00:00	09/14/2022 12:50	M

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Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: Bonaventure- Driving Range (M2205082)

QC Results

QC Batch: ICPm/2840
Preparation Method: SW-846 3010A
Associated Lab IDs: M2205082001, M2205082002
Analysis Method: SW-846 6010

Method Blank(4466804)

Parameter	Results	Units	PQL	MDL	Lab
Arsenic	0.0031 U	mg/L	0.010	0.0031	M

Certificate of Analysis

NELAP Accredited E82535

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Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: Bonaventure- Driving Range (M2205082)

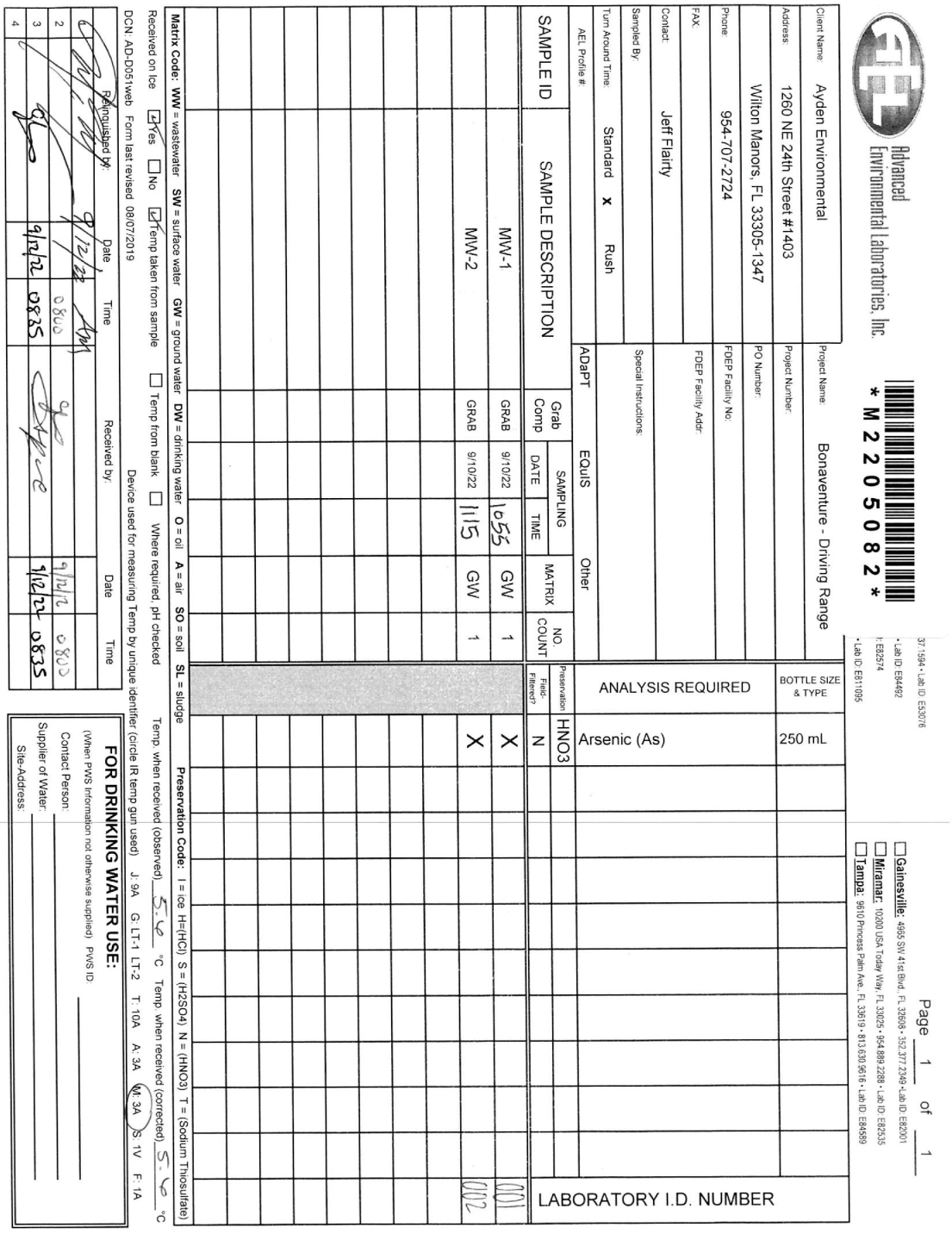
QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPm/2840 - SW-846 6010			
M2205082001	MW-1	DGMm/2922	SW-846 3010A
M2205082002	MW-2	DGMm/2922	SW-846 3010A

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954) 889-2288
Fax: (954) 889-2281

FINAL

Workorder: Bonaventure- Driving Range (M2205082)



Advanced Environmental Laboratories, Inc.

* M 2 2 0 5 0 8 2 *

Page 1 of 1

Client Name: Ayden Environmental
Address: 1260 NE 24th Street #1403
Wilton Manors, FL 33305-1347
Phone: 954-707-2724
FAX:
Contact: Jeff Flairty
Sampled By:
Turn Around Time: Standard x Rush
AEL Profile #:

Project Name: Bonaventure - Driving Range
Project Number:
PO Number:
FDEP Facility No:
FDEP Facility Addr:
Special Instructions:

ADaPT EQuIS Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Field Filtered?	Preservation	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
	MW-1	GRAB	9/10/22	1055	GW	1	N	HNO3	Arsenic (As)	250 mL	001
	MW-2	GRAB	9/10/22	1115	GW	1	N	HNO3	Arsenic (As)	250 mL	002

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice: ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked

Temp when received (observed) 5.6 °C Temp when received (corrected) 5.6 °C

DCN: AD-D051web Form last revised: 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		9/12/22				
2			0800		9/13/22	0800
3		9/12/22	0835		9/12/22	0835
4						

FOR DRINKING WATER USE:
(When PWS information not otherwise supplied) PWS ID:
Contact Person:
Supplier of Water:
Site-Address:

☐ Gainesville: 4966 SW 41st Blvd. FL 32608 • 352.377.2349 • Lab ID: E82001
☐ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

37-1594 • Lab ID: E83076
• Lab ID: E84492
I: E82574
• Lab ID: E81105

Advanced Environmental Laboratories, Inc

Report Name	Arden Environmental
Address	1260 NE 24th Street #1403
	Wilton Manors, FL 33305-1347
Phone	954-707-2724
FAX	
Contact	Jeff Haifly
Sampled By	
Turn Around Time	Standard X Rush
AEL Profile #	

Project Name	Bonaventure Driving Range
Project Number	
PO Number	
DEP Facility No	
DEP Facility Addr	
Special Instructions	

ADaPT FGulfS Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO COUNT	Preservation Code	HNO3	LABORATORY I.D. NUMBER
	MW-1	GRAB	9/10/22	1052	GW	1		X	
	MW-2	GRAB	9/10/22	1115	GW	1		X	

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked

Temp. when received (observed)_____ °C Temp.when received (corrected)_____ °C

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

DCN: AD-D051web Form last revised 08/07/2019

	Relinquished by:	Date	Time	Received by:	Date	Time
1		9/12/22	AM			
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

FIELD INSTRUMENT CALIBRATION LOG

Date: 09/10/2022

Project Name: Bonaventure GC - Driving Range Project Number: Ayden Enviromental

Field Calibration by: Marc Masino

Type of Instrument	Manufacturer	Model Number	Time	Standard Concentration	Calibrated Reading	Remarks
pH Meter	YSI	556	1030	4.00 s.u.	4.00	OPENING
			↓	7.00 s.u.	7.00	↓
				10.00 s.u.	10.00	
				4.00 s.u.		
				7.00 s.u.		
				10.00 s.u.		
			1130	4.00 s.u	4.01	CLOSING
				7.00 s.u.	6.96	↓
			↓	10.00 s.u.	9.98	
Conductivity Meter	YSI	556	1030	3,000 µmhos/cm	2996	OPENING
			↓	5,000 µmhos/cm	4999	↓
				30,000 µmhos/cm	29993	
				3,000 µmhos/cm		
				5,000 umhos/cm		
				30,000 µmhos/cm		
			1130	3,000 µmhos/cm	2990	CLOSING
				5,000 µmhos/cm	4993	↓
			↓	30,000 µmhos/cm	29990	
Dissolved Oxygen Calibrate to Water-Saturated Air	YSI	556	1030	100 % mm Hg	99%	OPENING
				mm Hg		
			1130	100 % mm Hg	98%	CLOSING
Turbidimeter	HACH	2100	1030	10 NTU	9.99	
				20 NTU	19.8	
			↓	100 NTU	99.6	
ORP	/	/	/	150 MV	/	
				150 MV		
				150 MV		

Closing 1130 hr
9.95
19.5
99.4

9 10 2022

MW-1

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME:	Bonaventure GC – Driving Range	SITE LOCATION:	51 Bonaventure Blvd, Weston, FL
WELL NO:	MW-1	SAMPLE ID:	MW-1
DATE:	9/10/2022		

PURGING DATA

WELL DIAMETER (inches):	1.25"	TUBING DIAMETER (inches):	0.25	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 8.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (13 feet – 8.45 feet) X 0.06 gallons/foot = 0.28 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	8	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	8	PURGING INITIATED AT:	1045	PURGING ENDED AT:	1049	TOTAL VOLUME PURGED (gallons):	2.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1049	1.00	1.00	0.25	8.45	7.10	26.0	480	0.42	3.96	Clear	NONE
1052	0.75	1.75	0.25	8.45	7.10	26.0	465	0.42	3.40	"	"
1055	0.75	2.50	0.25	8.45	7.10	26.0	465	0.42	3.40	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Mark Masino / AEML		1055	1056

PUMP OR TUBING DEPTH IN WELL (feet):	8	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: N Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP N TUBING N (replaced) DUPLICATE: N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-1	1	PE	250 mL	HNO3	—	<2	Metals	App	~100

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

MW-2

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME:	Bonaventure GC – Driving Range	SITE LOCATION:	51 Bonaventure Blvd, Weston, FL
WELL NO:	MW-2	SAMPLE ID:	MW-2
DATE:	9/10/2022		

PURGING DATA

WELL DIAMETER (inches):	1.25"	TUBING DIAMETER (inches):	0.25	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 4.01	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (13 feet – 4.01 feet) X 0.06 gallons/foot = 0.53 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	8	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	8	PURGING INITIATED AT:	1104	PURGING ENDED AT:	1109	TOTAL VOLUME PURGED (gallons):	2.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1109	1.00	1.00	0.25	4.01	6.94	26.2	430	0.29	3.10	Clear	None
1112	0.75	1.75	0.25	4.01	6.94	26.2	431	0.29	3.10	"	"
1115	0.75	2.50	0.25	4.01	6.94	26.2	431	0.29	3.10	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Mark Masino / AEML		1115	1116

PUMP OR TUBING DEPTH IN WELL (feet):	8	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: N	FILTER SIZE: ____ µm
			Filtration Equipment Type:	

FIELD DECONTAMINATION: PUMP N TUBING N (replaced) DUPLICATE: N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-2	1	PE	250 mL	HNO3	—	<2	Metals	App	~100

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212. SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)