

Administrative Package Cover Page

This file contains the following documents:

- 1. Summary of application (in plain language)
- 2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
- 3. Application Materials



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

Institute in Basic Life Principles, Inc (CN601567548) operates INTERNATIONAL ALERT ACADEMY (RN101193167), a domestic wastewater treatment facility. The facility is located at 1 Academy Blvd, in Big Sandy, Upshur County, Texas 75755. This application is for a renewal to dispose of treated wastewater at a volume not to exceed a daily average flow of 100,000 gallons per day via irrigation on 38 acres of land. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5) , total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 8. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include bar screens, an oxidation ditch, two sludge drying beds, and two stabilization ponds with a total surface area of 1.23 acres and a total capacity of 5.63 acre-feet for storage of treated effluent prior to irrigation.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT RENEWAL.

PERMIT NO. WQ0010835001

APPLICATION. Institute in Basic Life Principles, Inc. and International A.L.E.R.T. Academy, 1 Academy Boulevard, Big Sandy, Texas 75755, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0010835001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 100,000 gallons per day via irrigation on 38 acres of land. The domestic wastewater treatment facility and disposal area are located at 1 Academy Boulevard, in the city of Big Sandy, in Upshur County, Texas 75755. TCEQ received this application on August 29, 2025. The permit application will be available for viewing and copying at Upshur County Library, bulletin board, 702 West Tyler Street, Gilmer, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.055833,32.583333&level=18

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. Notice of the Application and Preliminary Decision will be published and mailed to those who are on the countywide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application**

is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at https://www14.tceq.texas.gov/epic/eComment/, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105,

P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Institute in Basic Life Principles, Inc. and International A.L.E.R.T. Academy at the address stated above or by calling Mr. Chris Overby, at 903-636-9234.

Issuance Date: September 24, 2025

Brooke T. Paup, *Chairwoman*Bobby Janecka, *Commissioner*Catarina R. Gonzales, *Commissioner*Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 29, 2025

Re: Confirmation of Submission of the Renewal without changes for Private Domestic Wastewater Authorization.

Dear Applicant:

This is an acknowledgement that you have successfully completed Renewal without changes for the Private Domestic Wastewater authorization.

ER Account Number: ER096594

Application Reference Number: 795662 Authorization Number: WQ0010835001 Site Name: International Alert Academy

Regulated Entity: RN101193167 - International Alert Academy

Customer(s): CN601246671 - International A.L.E.R.T. Academy, CN601567548 - Institute In Basic Life Principles, Inc.

Please be aware that TCEQ staff may contact your designated contact for any additional information.

If you have any questions, you may contact the Applications Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by telephone at (512) 239-4671.

Sincerely, Applications Review and Processing Team Water Quality Division

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit WQ0010835001

Site Information (Regulated Entity)

What is the name of the site to be authorized? INTERNATIONAL ALERT ACADEMY

Does the site have a physical address?

Physical Address

Number and Street 1 ACADEMY BLVD

City BIG SANDY

 State
 TX

 ZIP
 75755

 County
 UPSHUR

 Latitude (N) (##.#####)
 32.583333

 Longitude (W) (-###.######)
 -95.055833

 Primary SIC Code
 8211

Secondary SIC Code

Primary NAICS Code 611110

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN101193167

What is the name of the Regulated Entity (RE)? INTERNATIONAL ALERT ACADEMY

Does the RE site have a physical address?

Yes

Physical Address

Number and Street 1 ACADEMY BLVD

City BIG SANDY

 State
 TX

 ZIP
 75755

 County
 UPSHUR

 Latitude (N) (##.####)
 32.5847

 Longitude (W) (-###.#####)
 -95.07

Facility NAICS Code

What is the primary business of this entity? FLEET REFUELING

Interna-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?

Owner

What is the applicant's Customer Number (CN)?

CN601246671

Type of Customer

Corporation

Full legal name of the applicant:

Legal Name International A.L.E.R.T. Academy

 Texas SOS Filing Number
 800078127

 Federal Tax ID
 300085343

 State Franchise Tax ID
 13000853435

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 21-100
Independently Owned and Operated? Yes
I certify that the full legal name of the entity applying for this permit has Yes

been provided and is legally authorized to do business in Texas.

Responsible Authority Contact

Organization Name International A.L.E.R.T. Academy

Prefix

First CHRIS

Middle

Last OVERBY

Suffix

Credentials

Title FACILITIES DIRECTOR

Responsible Authority Mailing Address

Enter new address or copy one from list:

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 1 ACADEMY BLVD

Routing (such as Mail Code, Dept., or Attn:)

City BIG SANDY

State TX ZIP 75755

Phone (###-###) 9036369234

Extension

Alternate Phone (###-###-###)

Fax (###-###-###)

E-mail COVERBY@ALERTACADEMY.COM

Institu-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?

Owner

What is the applicant's Customer Number (CN)?

CN601567548

Type of Customer

Corporation

Full legal name of the applicant:

Legal Name Institute in Basic Life Principles, Inc.

Texas SOS Filing Number 3570407

Federal Tax ID

State Franchise Tax ID 13661085152

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees

Independently Owned and Operated?

I certify that the full legal name of the entity applying for this permit has

been provided and is legally authorized to do business in Texas.

Responsible Authority Contact

Organization Name Institute in Basic Life Principles, Inc.

Yes

Prefix

First CHRIS

Middle

Last

Suffix

Credentials

Title FACILITIES DIRECTOR

Responsible Authority Mailing Address

Enter new address or copy one from list:

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 1 ACADEMY BLVD

Routing (such as Mail Code, Dept., or Attn:)

City BIG SANDY

State TX ZIP 75755

Phone (###-####) 9036369234

Extension

Alternate Phone (###-###-)

Fax (###-###-###)

E-mail COVERBY@ALERTACADEMY.COM

Billing Contact

Responsible contact for receiving billing statements:

Select the permittee that is responsible for payment of the annual fee. CN601567548, Institute in Basic Life

Principles, Inc.

Organization Name INSTITUTE IN BASIC LIFE

PRINCIPLES INC

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

1 ACADEMY BLVD

Routing (such as Mail Code, Dept., or Attn:)

City BIG SANDY

State TX ZIP 75755

Phone (###-####) 9036369206

Extension

Alternate Phone (###-###-)

Fax (###-###-###)

E-mail facilities@iblp.org

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name INSTITUTE IN BASIC LIFE

PRINCIPLES INC

Prefix

First BENJAMIN

Middle

Last

Suffix

Credentials

Title FACILITIES ASSISTANT

Enter new address or copy one from list: Billing Contact

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 1 ACADEMY BLVD

Routing (such as Mail Code, Dept., or Attn:)

City BIG SANDY

State TX ZIP 75755

Phone (###-####) 9036369206

Extension

Alternate Phone (###-###-###)

Fax (###-###-###)

E-mail facilities@iblp.org

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name INSTITUTE IN BASIC LIFE

PRINCIPLES INC

Prefix MR
First JARED

Middle

Last PEARROW

Suffix

Credentials

Title WATERWORKS MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

1 ACADEMY BLVD

Routing (such as Mail Code, Dept., or Attn:)

City BIG SANDY

State TX ZIP 75755

Phone (###-###) 9036369244

Extension

Alternate Phone (###-###-###)

Fax (###-###-)

E-mail JPEARROW@IBLP.ORG

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?

Technical Contact

Organization Name INSTITUTE IN BASIC LIFE

PRINCIPLES INC

Prefix MR First JARED

Middle

Last PEARROW

Suffix

Credentials

Title WATERWORKS MANAGER

Enter new address or copy one from list:

Mailing Address:

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 1 ACADEMY BLVD

Routing (such as Mail Code, Dept., or Attn:)

City BIG SANDY

State TX ZIP 75755

Phone (###-####) 9036369244

Extension

Alternate Phone (###-###-###)

Fax (###-###-####)

E-mail JPEARROW@IBLP.ORG

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact? CN601567548, Institute in Basic Life

Principles, Inc.

2) Organization Name Institute in Basic Life Principles, Inc.

3) Prefix

4) First CHRIS

5) Middle

6) Last OVERBY

7) Suffix

8) Credentials

9) Title FACILITIES DIRECTOR

Mailing Address

10) Enter new address or copy one from list

11) Address Type Domestic

11.1) Mailing Address (include Suite or Bldg. here, if applicable) 1 ACADEMY BLVD

11.2) Routing (such as Mail Code, Dept., or Attn:)

11.3) City BIG SANDY

11.4) State TX 11.5) ZIP 75755

12) Phone (###-####) 9036269234

13) Extension

14) Alternate Phone (###-###-###)

15) Fax (###-###-###)

16) E-mail COVERBY@ALERTACADEMY.COM

Owner Information

Owner of Treatment Facility

1) Prefix

2) First and Last Name

3) Organization Name INSTITUTE IN BASIC LIFE

PRINCIPLES INC

4) Mailing Address 1 ACADEMY BLVD

5) City BIG SANDY

 6) State
 TX

 7) Zip Code
 75755

8) Phone (###-###) 9036362000

9) Extension

10) Email info@iblp.org

11) What is ownership of the treatment facility? Private

Owner of Land (where treatment facility is or will be)

12) Prefix

13) First and Last Name

14) Organization Name INSTITUTE IN BASIC LIFE

PRINCIPLES INC
1 ACADEMY BLVD

15) Mailing Address 1 ACADEMY
16) City BIG SANDY

17) State TX

75755 75755

19) Phone (###-####) 9036362000

20) Extension

21) Email info@iblp.org

22) Is the landowner the same person as the facility owner or co-

applicant?

General Information Renewal-Amendment

1) Current authorization expiration date:

2) Current Facility operational status:

3) Is the facility located on or does the treated effluent cross American

Indian Land?

4) What is the application type that you are seeking? Renewal w

5) Current Authorization type:

5.1) What is the proposed total flow in MGD discharged at the facility?

5.2) Select the applicable fee

03/01/2026 Active

No

Renewal without changes
Private Domestic Wastewater

0.1

>= .10 & < .25 MGD - Renewal - \$815

6) What is the classification for your authorization?

TLAP
6.1) Is the location of the effluent disposal site in the existing permit accurate?

Yes

6.2) City nearest the disposal site:

6.3) County in which the disposal site is located:

6.4) Describe the routing of effluent from the treatment facility to the disposal site:

6.5) Identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:

6.6) If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

Owner of Effluent TLAP Disposal Site

6.7) Prefix

6.8) First and Last Name

6.10) Mailing Address

6.9) Organization Name INSTITUTE IN BASIC LIFE

PRINCIPLES INC 1 ACADEMY BLVD

No

9036369206

Not Applicable

Big Sandy UPSHUR

Treated water is pumped from the stabilization ponds through a 4-inch

pipe to a fixed grid irrigation system on land adjacent to the treatment plant.

A tributary to Little White Oak Creek

which flows into the Sabine River.

6.11) City BIG SANDY

6.12) State TX

6.13) Zip Code 75755

6.14) Phone (###-####) 9036362000

6.15) Extension

6.16) Email INFO@IBLP.ORG

6.17) Is the landowner the same person as the facility owner or co-

applicant?

7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?

Public Notice Information

Individual Publishing the Notices

1) Prefix

2) First and Last Name BENJAMIN CAHILL

3) Credential

4) Title

5) Organization Name

6) Mailing Address 1 ACADEMY BLVD

7) Address Line 2

8) City BIG SANDY

9) State TX

10) Zip Code 75755

12) Extension

13) Fax (###-###-###)

11) Phone (###-###-###)

14) Email facilities@iblp.org

Contact person to be listed in the Notices

15) Prefix

16) First and Last Name CHRIS OVERBY

17) Credential

18) Title

19) Organization Name

20) Phone (###-###-###) 9036369234

21) Fax (###-###-###)

22) Email facilities@iblp.org

Bilingual Notice Requirements

23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

No

Section 1# Public Viewing Information

County#: 1

1) County UPSHUR

2) Public building name Upshur County Library

3) Location within the building
4) Physical Address of Building
702 W Tyler St

5) City Gilmer

6) Contact Name

7) Phone (###-###) 9038435001

8) Extension

9) Is the location open to the public?

Plain Language

1) Plain Language

[File Properties]

File Name LANG_2025-06-24_20972_completed.docx

Hash 4B5FA67912EE6532A3B14517D9661D278B0878A0F801B30E22D275D1B316DF84

MIME-Type application/vnd.openxmlformats-

officedocument.wordprocessingml.document

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.

[File Properties]

File Name MAP_TX_Big_Sandy_20220808_TM.jpg

Hash 601493E248D154A9CBAB92144CC1D2635233086BD996835321D389252DB7DB06

MIME-Type image/jpeg

2) I confirm that all required sections of Technical Report 1.0 are Yes complete and will be included in the Technical Attachment.

2.1) Are you planning to include Worksheet 2.1 (Stream Physical No

Characteristics) in the Technical Attachment?

2.2) I confirm that Worksheet 3.0 (Land Disposal of Effluent) is complete
And included in the Technical Attachment.

2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses No Requirements) in the Technical Attachment?

2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing

No

Requirements) in the Technical Attachment?

Nο

2.5) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?

2.6) Technical Attachment

[File Properties]

File Name TECH_Technical Report and Worksheet.pdf

Hash 117AD12FFD7574116A8D3C960237A7603A0A04ED0F42793B31A0C0D0B6A29A11

MIME-Type application/pdf

3) Buffer Zone Map4) Flow Diagram

[File Properties]

File Name FLDIA_Flow Diagram.jpg

Hash A0B39BABF118C6824E39B8C8567ABD30E22695CB19243664FBE3D91E016E60BC

MIME-Type image/jpeg

5) Site Drawing [File Properties]

File Name SITEDR_Site Drawing.pdf

Hash F815506580C935BD45DFC79495A5491B2555878D59483B7B32C92BA925241101

MIME-Type application/pdf

6) Design Calculations

[File Properties]

File Name DES_CAL_Design Calculations.docx

Hash BC08CD4EBBA5F5C710ADC0EF650A8A8C6A489716DC3348CEA1DD88914A0F09FF

MIME-Type application/vnd.openxmlformats-

officedocument.wordprocessingml.document

7) Solids Management Plan

8) Water Balance

9) Other Attachments

[File Properties]

File Name OTHER_Annual Cropping Plan.docx

Hash 18E016902A66F29A7A3EDD3B9481F04E714984396339B059E6E661C891738F3A

MIME-Type application/vnd.openxmlformats-

of fice document. word processing ml. document

[File Properties]

File Name OTHER_2025-01-27 Soil Samples.pdf

Hash 21FDFB778F27EF5C0B28ADA566F9F46ACE52DB0BC960BEAF9FF738FB928A5D04

MIME-Type application/pdf

[File Properties]

File Name OTHER SPL Lab Results 1159451.pdf

Hash 15FDDB7B493344317F9F6C36CF0D9B17CF7C1E9589E241BA5D4B8D8A8D4AD865

MIME-Type application/pdf

[File Properties]

File Name OTHER_SPL Lab Results 1159630.pdf

Hash BA6B727AFD6DAEB2975CF8DF5F34600DD4019DC86E7C11D515C24DE380797831

MIME-Type application/pdf

[File Properties]

File Name OTHER_Site Map.pdf

Hash 3DEF3B9D61AF2C592E8586B8524823FE2CC4C93DBD7A17AFC7A36711BCAAB9EF

MIME-Type application/pdf

Certification

I certify that I am authorized under 30 Texas Administrative Code 305.44 to sign this document and can provide documentation in proof of such authorization upon request.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

- 1. I am Andrew Pearrow, the owner of the STEERS account ER096594.
- 2. I have the authority to sign this data on behalf of the applicant named above.
- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0010835001.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Andrew Pearrow OWNER

Customer Number: CN601567548

Legal Name: Institute in Basic Life Principles, Inc.

Account Number: ER096594
Signature IP Address: 69.165.42.241
Signature Date: 2025-08-29

Signature Hash: 9B9F5D4321390A9254850530EB0A35FF5CA91CAC16F2D14FD4C91EAE5B17D939

4192791DE7A4C7BD303C3CE9962A38E9A04F3267135C540BAAFACFF18759FFD4

Form Hash Code at time of

Signature:

Certification

I certify that I am authorized under 30 Texas Administrative Code 305.44 to sign this document and can provide documentation in proof of such authorization upon request.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

- 1. I am Andrew Pearrow, the owner of the STEERS account ER096594.
- 2. I have the authority to sign this data on behalf of the applicant named above.
- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.

- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0010835001.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Andrew Pearrow OWNER

CN601246671 Customer Number:

Legal Name: International A.L.E.R.T. Academy

Account Number: ER096594 Signature IP Address: 69.165.42.241 2025-08-29 Signature Date:

Signature Hash: 9B9F5D4321390A9254850530EB0A35FF5CA91CAC16F2D14FD4C91EAE5B17D939 4192791DE7A4C7BD303C3CE9962A38E9A04F3267135C540BAAFACFF18759FFD4

Form Hash Code at time of

Signature:

Fee Payment

The application fee payment transaction was Transaction by:

made by ER096594/Andrew Pearrow

Paid by: The application fee was paid by BENJAMIN

CAHILL

Fee Amount: \$800.00

Paid Date: The application fee was paid on 2025-08-29

Transaction/Voucher number: The transaction number is 582EA000683112 and

the voucher number is 781452

Submission

Reference Number: The application reference number is 795662

Submitted by: The application was submitted by

ER096594/Andrew Pearrow

The application was submitted on 2025-08-29 at Submitted Timestamp:

10:26:53 CDT

The application was submitted from IP address Submitted From:

69.165.42.241

Confirmation Number: The confirmation number is 674785

Steers Version: The STEERS version is 6.92

Permit Number: The permit number is WQ0010835001

Additional Information

Application Creator: This account was created by Andrew Pearrow

International ALERT Academy

WQ0010835001

Annual Cropping Plan

TCEQ Domestic Permit Application Worksheet 3.0, Section 5

The facility leases the TLAP effluent irrigation fields to a third party for hay production operations. The third party manages all of the crop planning. Therefore, the Annual Cropping Plan is not applicable to the International ALERT Academy.



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08/28/2025 16:57

IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

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Email: Kilgore.ProjectManagement@spllabs.com

Survey: How are we doing?





SAMPLE CROSS REFERENCE



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Sample	Sample ID	Taken	Time	Received	
2439909	Wastewater Testing	08/22/2025	16:02:00	08/22/2025	

Bottle 01 Client supplied plastic

Bottle 02 16 oz HNO3 Metals Plastic, Q

Bottle 03 8 oz Plastic H2SO4 pH < 2, Q

Bottle 04 BOD Titration Beaker A (Batch 1192054) Volume: 100.00000 mL <== Derived from 01 (100 ml)

Bottle 05 BOD Analytical Beaker B (Batch 1192054) Volume: $100.00000 \text{ mL} \le Derived from 01 (100 \text{ ml})$

Bottle 06 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1192086) Volume: 20.00000 mL <== Derived from 03 (20 ml) Bottle 07 Prepared Bottle: ICP Preparation for Metals (Batch 1192108) Volume: 50.00000 mL <== Derived from 02 (50 ml) Bottle 08 Prepared Bottle: NH3N TRAACS Autosampler Vial (Batch 1192098) Volume: 6.00000 mL <== Derived from 03 (6 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 300.0 2.1	01	1192358	08/25/2025	1192358	08/25/2025
EPA 300.0, Rev. 2.1					
EPA 200.7 4.4	07	1192108	08/25/2025	1192226	08/25/2025
SM 5210 B-2016 (TCMP Inhibitor)	01	1192054	08/28/2025	1192054	08/28/2025
SM 2510 B-2011	01	1192347	08/26/2025	1192347	08/26/2025
EPA 350.1 2	08	1192098	08/25/2025	1192451	08/26/2025
SM 2540 C-2020	01	1192815	08/26/2025	1192815	08/26/2025
EPA 351.2 2	06	1192086	08/25/2025	1192165	08/25/2025
SM2540 G-2020 /MOD	01	1192372	08/25/2025	1192372	08/25/2025
SM 2540 D-2020	01	1192621	08/26/2025	1192621	08/26/2025
SM 4500-H+ B-2011	01	1192184	08/25/2025	1192184	08/25/2025

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2600 Dudley Rd. Kilgore, Texas 75662 24 Waterway Avenue, Suite 375 The Woodlands, TX 77380

Office: 903-984-0551 * Fax: 903-984-5914



IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed: 08/28/2025

RESULTS

					Sample	Resi	ults					
	2439909	Wastewater Testin	ng							Received:	08/22	2/2025
No	on-Potable Wate			by: Client 08/22/2025	International Alert 16:02:00				PO:			
EF	PA 200.7 4.4			Prepared:	1192108	08/2.	5/2025	07:00:00	Analyzed 1192226	08/25/2025	13:35:00	AN
VELAC	Parameter Phosphorus			Results 4.00	Uz mg	nits g/L	<i>RL</i> 0.040		Flags	<i>CAS</i> 7723-14-0		Bottle 07
EF	PA 300.0 2.1			Prepared:	1192358	08/2.	5/2025	20:18:00	Analyzed 1192358	08/25/2025	20:18:00	KRA
NELAC NELAC	Parameter Chloride Sulfate			Results 31.6 41.0	Ui mg mg		<i>RL</i> 3.00 3.00		Flags	CAS		01 01
EF	PA 300.0, Rev	2.1		Prepared:		12/3	1/1899	00:00:00	Analyzed		00:00:00	
NELAC	Parameter Nitrate-Nitrog	gen		Results	Uī	nits	RL		Flags	<i>CAS</i> 14797-55-8		Bottle
EF	PA 350.1 2			Prepared:	1192098	08/2.	5/2025	08:59:19	Analyzed 1192451	08/26/2025	08:18:00	AM
NELAC	Parameter Ammonia Nit	rogen		<i>Results</i> <0.020	Uz m g	uits g/L	<i>RL</i> 0.020		Flags	CAS		Bottle 08
EF	PA 351.22			Prepared:	1192086	08/2.	5/2025	08:10:01	Analyzed 1192165	08/25/2025	09:33:00	AMI
NELAC	Parameter Total Kjeldah	l Nitrogen		Results 5.76	UI. mg	uits g/L	<i>RL</i> 0.050		Flags	<i>CAS</i> 7727-37-9		Bottle 06
SA	M 2510 B-2011			Prepared:	1192347	08/2	6/2025	10:37:00	Analyzed 1192347	08/26/2025	10:37:00	EEB
NELAC	Parameter Lab Spec. Con	nductance at 25 C		<i>Results</i> 469		nits nhos/	RL		Flags	CAS		Bottle 01



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2439909

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08/22/2025

Project

Received:

1159451

IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Taken:

Wastewater Testing

Printed: 08/28/2025

16:02:00

Non-Potable Water Collected by: Client International Alert PO:

08/22/2025

S	SM 2540 C-2020	Prepared:	1192815	08/26	/2025	15:05:00	Analyzed	1192815	08/26/2025	15:05:00	JMB
		Results	Un	nits	RL		Flags		CAS		Bottle
NELAC	Total Dissolved Solids	288	mg	_z /L	10.0						01
S	SM 2540 D-2020	Prepared:	1192621	08/26	/2025	06:25:00	Analyzed	1192621	08/26/2025	06:25:00	LSM
	Parameter	Results	Un	uits	RL		Flags		CAS		Bottle
NELAC	Total Suspended Solids	32.0	mg	g/L	13.3						01
S	TM 4500-H+ B-2011	Prepared:	1192184	08/25/	/2025	13:06:00	Analyzed	1192184	08/25/2025	13:06:00	EEB
	Parameter	Results	Un	iits	RL		Flags		CAS		Bottle
NELAC	Laboratory pH	7.2 @20C	SU	Г	2.00						01
S	M 5210 B-2016 (TCMP Inhibitor)	Prepared:	1192054	08/23/	/2025		Analyzed	1192054	08/28/2025	10:11:36	JW1
	Parameter	Results	Un	iits	RL		Flags		CAS		Bottle
NELAC	BOD Carbonaceous	8.64	mg	;/L	3.00						01
S	M2540 G-2020 /MOD	Prepared:	1192372	08/25/	/2025	16:34:00	Analyzed	1192372	08/25/2025	16:34:00	BEK
		Results	Un	nits	RL		Flags		CAS		Bottle
NELAC	Total Solids for Dry Wt Conversi	0.0393	%		0.010						01

Samp	oie P	repar	ation

2439909 Wastewater Testing 08/22/2025 Received:

08/22/2025

Prepared: 08/22/2025 17:01:35 Calculated 08/22/2025 17:01:35 CAL

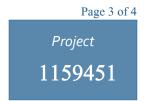


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Printed: 08/28/2025

2439909 Wastewater Testing *Received:* 08/22/2025

08/22/2025

	Prepared:		08/22/2025	17:01:35	Calculated		08/22/2025	17:01:35	CAL
Enviro Fee (per Sampling Group)	Verified								
EPA 200.2 2.8	Prepared:	1192108	08/25/2025	07:00:00	Analyzed	1192108	08/25/2025	07:00:00	AMO
Liquid Metals Digestion	50/50	ml							02
EPA 300.0, Rev. 2.1	Prepared:		12/31/1899	00:00:00	Analyzed			00:00:00	
Water Extract-Ion Chromatography									
EPA 350.1, Rev. 2.0	Prepared:	1192098	08/25/2025	08:59:19	Analyzed	1192098	08/25/2025	08:59:19	CMS
NELAC Ammonia Distillation	6/6	ml							03
EPA 351.2, Rev 2.0	Prepared:	1192086	08/25/2025	08:10:01	Analyzed	1192086	08/25/2025	08:10:01	MEC
NELAC TKN Block Digestion	20/20	ml							03
SM 2540 C-2015	Prepared:	1192446	08/26/2025	15:05:00	Analyzed	1192446	08/26/2025	15:05:00	JMB
NELAC Total Dissolved Solids Started	Started								
SM 2540 D-2011	Prepared:	1191316	08/26/2025	06:25:00	Analyzed	1191316	08/26/2025	06:25:00	LSM
NELAC TSS Set Started	Started								



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Printed: 08/28/2025

2439909 Wastewater Testing *Received:* 08/22/2025

08/22/2025

 SM 2540 G-1997
 Prepared:
 1192238
 08/25/2025
 16:34:00
 Analyzed
 1192238
 08/25/2025
 16:34:00
 BEK

 NELAC
 Total Solids Start Code
 Started

 SM 5210 B-2016 (TCMP Inhibitor)
 Prepared:
 1192054
 08/23/2025
 Analyzed
 1192054
 08/23/2025
 06:38:08
 JW1

BODe Set Started Started

Qualifiers:

We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.

RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.



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International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

								Printed	08/28/2023)
Analytical Set	1192054							SM 5210) B-2 016 (7	TCMP Inhibitor)
				Е	Blank					
Parameter_	PrepSet	Reading	MDL	MQL	Units			File		
BOD Carbonaceous	1192054	0.08	0.200	0.500	mg/L			127987112		
				Du	plicate					
Parameter_	Sample		Result	Unknow	n		Unit		RPD	Limit%
BOD Carbonaceous	2439700		558	523			mg/L		6.48	30.0
				See	d Drop					
Parameter	PrepSet	Reading	MDL	MQL	Units			File		
BOD Carbonaceous	1192054	0.370	0.200	0.500	mg/L			127987114		
					andard					
Parameter	Sample	Reading	Known	Units	Recover%	Limits%		File		
BOD Carbonaceous		208	198	mg/L	105	83.7 - 116		127987115		
Analytical Set	1192165									EPA 351.2 2
Analytical Sec	1192100			AWR	L/LOQ C					2111001.22
Parameter		Donding	Known	Units	Recover%	Limits%		File		
<u>Parameter</u> Total Kjeldahl Nitrogen		Reading 0.054	0.050	mg/L	108	75.0 - 125		127989912		
Total Kjeldalli Nitrogeli		0.054	0.030	_		73.0 - 123		12/909912		
					Blank					
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File		
Total Kjeldahl Nitrogen	1192086	ND	0.00712	0.050	mg/L			127989908		
				,	ССВ					
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File		
Total Kjeldahl Nitrogen	1192086	ND	0.00712	0.050	mg/L			127989915		
Total Kjeldahl Nitrogen	1192165	ND	0.00712	0.050	mg/L			127989925		
					CCV					
Parameter		Reading	Known	Units	Recover%	Limits%		File		
Total Kjeldahl Nitrogen		5.09	5.00	mg/L	102	90.0 - 110		127989832		
Total Kjeldahl Nitrogen		5.05	5.00	mg/L	101	90.0 - 110		127989842		
Total Kjeldahl Nitrogen		5.08	5.00	mg/L	102	90.0 - 110		127989854		
Total Kjeldahl Nitrogen		5.09	5.00	mg/L	102	90.0 - 110		127989898		
Total Kjeldahl Nitrogen		5.05	5.00	mg/L	101	90.0 - 110		127989909		
Total Kjeldahl Nitrogen		5.06	5.00	mg/L	101	90.0 - 110		127989920		
Total Kjeldahl Nitrogen		5.07	5.00	mg/L	101	90.0 - 110		127989926		
				Du	plicate					
<u>Parameter</u>	Sample		Result	Unknow	m		Unit		RPD	Limit%
Total Kjeldahl Nitrogen	2437513		ND	ND			mg/L			20.0
					ICV					
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File		
Total Kjeldahl Nitrogen		5.45	5.00	mg/L	109	90.0 - 110		127989831		

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QUALITY CONTROL



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Project 11**5945**1

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				LCS	Dup						
<u>Parameter</u>	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Total Kjeldahl Nitrogen	1192086	5.03	4.88		5.00	90.0 - 110	101	97.6	mg/L	3.03	20.0
				Mat.	Spike						
<u>Parameter</u>	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File			
Total Kjeldahl Nitrogen	2437513	5.03	ND	5.00	mg/L	101	80.0 - 120	127989916			
Analytical Set 1	192451									EPA	350.1 2
,				Bla	ank						
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File			
Ammonia Nitrogen	1192098	ND	0.00336	0.020	mg/L			127998891			
				C	CV						
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File			
Ammonia Nitrogen		2.16	2.00	mg/L	108	90.0 - 110		127998798			
Ammonia Nitrogen		2.12	2.00	mg/L	106	90.0 - 110		127998808			
Ammonia Nitrogen		2.12	2.00	mg/L	106	90.0 - 110		127998819			
Ammonia Nitrogen		2.09	2.00	mg/L	104	90.0 - 110		127998830			
Ammonia Nitrogen		2.05	2.00	mg/L	102	90.0 - 110		127998839			
Ammonia Nitrogen		2.00	2.00	mg/L	100	90.0 - 110		127998850			
Ammonia Nitrogen		2.02	2.00	mg/L	101	90.0 - 110		127998857			
Ammonia Nitrogen		2.05	2.00	mg/L	102	90.0 - 110		127998866			
Ammonia Nitrogen		2.05	2.00	mg/L	102	90.0 - 110		127998876			
Ammonia Nitrogen		2.05 2.05	2.00 2.00	mg/L	102 102	90.0 - 110 90.0 - 110		127998887 127998897			
Ammonia Nitrogen Ammonia Nitrogen		2.03	2.00	mg/L mg/L	102	90.0 - 110		127998997			
Ammonia Nitrogen		2.03	2.00	mg/L mg/L	102	90.0 - 110		127998919			
Ammonia Nitrogen		2.03	2.00	mg/L mg/L	102	90.0 - 110		127998930			
Ammonia Nitrogen		2.03	2.00	mg/L mg/L	102	90.0 - 110		127998937			
Ammonia (Wogen		2.03	2.00	-	licate	70.0 110		12/330337			
Parameter	Sample		Result	Unknown			Unit		RPD		Limit%
Ammonia Nitrogen	2439852		0.096	0.128			mg/L		28.6	*	20.0
Ammonia Nitrogen	2439854		ND	ND			mg/L		20.0		20.0
					cv		<i>_</i> \$_				
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Ammonia Nitrogen		2.20	2.00	mg/L	110	90.0 - 110		127998797			
					Dup						
<u>Parameter</u>	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Ammonia Nitrogen	1192098	1.96	2.06		2.00	90.0 - 110	98.0	103	mg/L	4.98	20.0
				Mat.	Spike						
<u>Parameter</u>	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File			
Ammonia Nitrogen	2439852	2.17	0.128	2.00	mg/L	102	80.0 - 120	127998896			
Ammonia Nitrogen	2439854	2.05	ND	2.00	mg/L	102	80.0 - 120	127998901			

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								Printed	08/28/2025	
Analytical Set	1192372								SM2540 G	-2020 /MOD
				Cont	rolBlk					
Parameter Total Solids for Dry Wt Conversi	<i>PrepSet</i> 1192372	Reading 0.0001	MDL	MQL	Units grams			<i>File</i> 127995561		
				Dup	licate					
<u>Parameter</u> Total Solids for Dry Wt Conversi Total Solids for Dry Wt Conversi	Sample 2439876 2439947		<i>Result</i> 99.9 85.1	<i>Unknown</i> 99.9 85.0			<i>Unit</i> % %		RPD 0 0.118	Limit% 20.0 20.0
Analytical Set	1192621								SM	2540 D-2020
				Bla	ank					
<u>Parameter</u> Total Suspended Solids	PrepSet 1192621	Reading ND	<i>MDL</i> 2	MQL 2	<i>Units</i> mg/L rolBlk			<i>File</i> 128002389		
P	D C	D	MDI					EH.		
Parameter Total Suspended Solids	PrepSet 1192621	Reading 0	MDL	MQL	Units grams			File 128002388		
D	G 1		D t	-	licate		*** **		n n n	T 1 100/
Parameter Total Suspended Solids	<i>Sample</i> 2439909		<i>Result</i> 30.7	<i>Unknown</i> 32.0			<i>Unit</i> mg/L		<i>RPD</i> 4.15	<i>Limit%</i> 20.0
Total Suspended Solids	2439950		11.4	10.6			mg/L mg/L		7.27	20.0
•				L	cs		-			
Parameter	PrepSet	Reading		Known	Units	Recover%	Limits	File		
Total Suspended Solids	1192621	50.0		50.0	mg/L	100	90.0 - 110	128002407		
				Star	ndard					
Parameter Total Suspended Solids	Sample	Reading 104	Known 100	<i>Units</i> mg/L	Recover% 104	<i>Limits%</i> 90.0 - 110		<i>File</i> 128002406		
Analytical Set	1192815								SM	2540 C-2020
				Bla	ank					
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File		
Total Dissolved Solids	1192815	ND	5.00	5.00	mg/L			128006951		
				Cont	rolBlk					
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File		
Total Dissolved Solids	1192815	0		_	grams			128006938		
				_	licate					
Parameter Total Dissolved Solids	Sample		<i>Result</i> 290	Unknown			Unit		<i>RPD</i> 0.692	<i>Limit%</i> 20.0
Total Dissolved Solids	2439909		290	288 L	CS		mg/L		0.092	20.0
Parameter Parameter	PrepSet	Reading		Known	Units	Recover%	Limits	File		
Total Dissolved Solids	1192815	194		200	mg/L	97.0	85.0 - 115	128006939		

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									Fillited	06/26/20		
	Analytical Set	1192358									EPA:	300.0 2.1
					Е	Blank						
Parameter Parame		PrepSet	Reading	MDL	MQL	Units			File			
Chloride		1192358	0.0603	0.0213	0.300	mg/L			127995374			
Sulfate		1192358	ND	0.283	0.300	mg/L			127995374			
						ССВ						
Parameter		PrepSet	Reading	MDL	MQL	Units			File			
Chloride		1192358	0.059	0.0213	0.300	mg/L			127995370			
Chloride		1192358	0.0668	0.0213	0.300	mg/L			127995390			
Chloride		1192358	0.299	0.0213	0.300	mg/L			127995402			
Sulfate		1192358	0	0.283	0.300	mg/L			127995370			
Sulfate		1192358	0	0.283	0.300	mg/L			127995390			
Sulfate		1192358	0	0.283	0.300	mg/L			127995402			
						ccv						
<u>Parameter</u>			Reading	Known	Units	Recover%	Limits%		File			
Chloride			10.0	10.0	mg/L	100	90.0 - 110		127995369			
Chloride			10.1	10.0	mg/L	101	90.0 - 110		127995389			
Chloride			10.0	10.0	mg/L	100	90.0 - 110		127995401			
Sulfate			9.39	10.0	mg/L	93.9	90.0 - 110		127995369			
Sulfate			9.34	10.0	mg/L	93.4	90.0 - 110		127995389			
Sulfate			9.35	10.0	mg/L	93.5	90.0 - 110		127995401			
					LC	S Dup						
<u>Parameter</u>		PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Chloride		1192358	4.82	4.83		5.00	85.0 - 115	96.4	96.6	mg/L	0.207	20.0
Sulfate		1192358	4.69	4.68		5.00	85.4 - 124	93.8	93.6	mg/L	0.213	20.0
					ı	MSD						
Parameter		Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Chloride		2438150	27.5	27.7	17.6	10.0	80.0 - 120	99.0	101	mg/L	2.00	20.0
Sulfate		2438150	43.6	44.7	32.8	10.0	80.0 - 120	108	119	mg/L	9.69	20.0
Chloride		2438151	21.8	21.8	11.2	10.0	80.0 - 120	106	106	mg/L	0	20.0
Sulfate		2438151	48.6	48.1	36.6	10.0	80.0 - 120	120	115	mg/L	4.26	20.0
	Analytical Set	1192226									EPA:	200.7 4.4
	,				Е	Blank						
<u>Parameter</u>		PrepSet	Reading	MDL	MQL	Units			File			
Phosphorus		1192108	ND	0.0353	0.040	mg/L			127991793			
						ccv						
<u>Parameter</u>			Reading	Known	Units	Recover%	Limits%		File			
Phosphorus			0.975	1.00	mg/L	97.5	90.0 - 110		127991788			
Phosphorus			1.00	1.00	mg/L	100	90.0 - 110		127991792			
Phosphorus			1.02	1.00	mg/L	102	90.0 - 110		127991802			
Phosphorus			0.993	1.00	mg/L	99.3	90.0 - 110		127991812			
Phosphorus			1.01	1.00	mg/L	101	90.0 - 110		127991816			
=					-							

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Project 11**5945**1

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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

								Printed	08/28/202	25	
				IC	CL						
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Phosphorus		24.8	25.0	mg/L	99.2	95.0 - 105		127991786			
				IC	ZV .						
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File			
Phosphorus		0.996	1.00	mg/L	99.6	90.0 - 110		127991787			
				LCS	Dup						
<u>Parameter</u>	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Phosphorus	1192108	3.98	4.06		4.00	85.0 - 115	99.5	102	mg/L	1.99	25.0
				M:	SD						
<u>Parameter</u>	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Phosphorus	2439733	4.05	4.05	ND	4.00	75.0 - 125	101	101	mg/L	0	25.0
Analytical Set	1192184								SM	4500-H	+ B-2011
•				Dupl	icate						
Parameter	Sample		Result	Unknown			Unit		RPD		Limit%
Laboratory pH	2439687		6.80	6.70			SU		1.48		20.0
				Stan	dard						
<u>Parameter</u>	Sample	Reading	Known	Units	Recover%	Limits%		File			
Laboratory pH	1192184	6.04	6.00	SU	101	90.0 - 110		127990841			
Laboratory pH	1192184	8.02	8.00	SU	100	90.0 - 110		127990842			
Laboratory pH Laboratory pH	1192184 1192184	6.06 8.04	6.00 8.00	SU SU	101 100	90.0 - 110 90.0 - 110		127991064 127991065			
Laboratory pri		0.04	0.00	50	100	70.0 - 110		12/991005			
Analytical Set	1192347									SM 251	0 B-2011
				Bla	ank						
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File			
Lab Spec. Conductance at 25 C	1192347	0.699			umhos/cm			127994671			
				Dupl	icate						
<u>Parameter</u>	Sample		Result	Unknown			Unit		RPD		Limit%
Lab Spec. Conductance at 25 C	2439909		469	469			umhos/cm		0		20.0
				IC	CV						
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File			
Lab Spec. Conductance at 25 C		13000	12900	umhos/cm		90.0 - 110		127994674			
					dard						
<u>Parameter</u>	Sample	Reading	Known	Units	Recover%	Limits%		File			
Lab Spec. Conductance at 25 C	1192347	1430	1410	umhos/cm		90.0 - 110		127994672			
Lab Spec. Conductance at 25 C Lab Spec. Conductance at 25 C	1192347 1192347	100 1430	100 1410	umhos/cm umhos/cm		90.0 - 110 90.0 - 110		127994673 127994677			
End opec. Conductance at 25 C	11,2371	1730	1710	ammos/CIII	101	JU.U - 11U		121777011			

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100%

Recover% is Recovery Percent: result / known * 100%

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QUALITY CONTROL



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TAA1-A

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Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors); CCB - Continuing Calibration Blank; CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); ICV - Initial Calibration Verification; LCS Dup - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD; quantifies accuracy and precision.); AWRL/LOQ C - Ambient Water Reporting Limit/LOQ Check Std; MSD - Matrix Spike Duplicate (replicate of the matrix spike; same solution and amount of target analyte added to the MS is added to a third aliquot of sample; quantifies matrix bias and precision.); LCS - Laboratory Control Sample (reagent water or other blank matrices that is spiked with a known quantity of target analyte(s) and carried through preparation and analytical procedures exactly like a sample; typically a mid-range concentration; verifies that bias and precision of the analytical process are within control limits; determines usability of the data.)

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2600 Dudley Rd. Kilgore, Texas 75662 Office: 903-984-0551 * Fax: 903-984-5914



08/22/2025

CHAIN OF CUSTODY

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755IAA1-A
115

Lab Number 2439909

PO Number 903/636-2000

Wastewater Testing

Hand Delivered by Client to Region or LAB

Matrix: Non-	-Potable Wa	ter		8/22	1157	<u></u>	
Sample Collection Start				Date	Time	Tech	
Date: 8/22/25	Time: 16	02	_	Temp:	1.0/1.1	c	
Sampler Printed Name: Jared Pearrow			_	Therm#: 6443 Corr Fact: 0.4 C			
Sampler Affiliation: <u>E</u>	mployee	>	_				
Sampler Signature:	red f	Earro	w				
Samples Radios	active?		Samples Contains Di	oxin?		Samples Biological Hazard?	
	1 Pol	yethylene	1/2 gal (White), Q				
NELAC	Short Hold	BODc	BOD Carbonaceous		SM 5210 B	-2016 (TCMP Inhibitor) (2.04 days)	
NELAC		TSS	Total Suspended Solids		SM 2540 D	-2020 (7.00 days)	
1 HNO3 to pH <2 Polyethylene 500 mL for Metals, Q							
NELAC		*PI	Phosphorus			4.4 CAS:7723-14-0 (28.0 days)	
		301L	Liquid Metals Digestion		EPA 200.2	2.8 (180 days)	
	1 H2SO4 to pH <2 250 ml Polyethylene, Q						
NELAC		NHaN	Ammonia Nitrogen		EPA 350.1	2 (28.0 days)	
NELAC		TKN	Total Kjeldahl Nitrogen		EPA 351.2	2 CAS:7727-37-9 (28.0 days)	
		nes Ot					
NEL LC		ass Qt	Lab Electrical Conductors	u 25	EPA 9050 ((28 0 days)	
NELAC		CONS	Lab Electrical Conductance	N. 2.3	Et A 9030 (20.0 48391	
	1 Pol	lyethylene	Quart, Q				
NELAC		!CIL	Chloride		EPA 300.0	2.1 (28.0 days)	
NELAC		!N3S	Nitrate-Nitrogen		EPA 300.0,	Rev. 2.1 CAS:14797-55-8 (28.0 days)	

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 7566

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Form rptcoc2SPL Created 02/21/2024 v1.0

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08/22/2025

CHAIN OF CUSTODY

IAA1-A International Alert Academy 224-704-0141 - Jared 115 One Academy Blvd. Big Sandy, TX 75755-

903/636-2000 Phone

NELAC

!S4L

Sulfate

EPA 300.0 2.1 (28.0 days) SM 4500-H+ B-2011

Printed

NELAC NELAC pHLL TDS

Laboratory pH Total Dissolved Solids

SM 2540 C-2020 (7.00 days)

Ambient Conditions/Comments

Alloven Communications Communication (Communication)						
Date Time		Relinquished	Date Time	Received		
8/22/20	Jared Pearrow	EMPlovee	8/22/25	Printed Name Andy Owens - SPL, Inc.	Affiliation	
1619	Fared Pearro		1652	Signature		
TW-Cd .	Printed Name	Affiliation		Printed Name	Affiliation	
	Signature	-		Signature		
	Printed Name	Affiliation		Printed Name	Affiliation	
	Signature		·	Signature		
	Printed Name	Affiliation		Printed Name	Affiliation	
	Signature			Signature		
Sample Received on Ice? Yes						

The accredited column designates accreditation by A - A2LA, N - NELAC, or z - not listed under scope of accreditation. Unless otherwise specified, ANA-LAB shall provide these ordered services pursuant to our Standard Terms & Conditions Agreement (available for download from the welcome page at http://www.ana-lab.com), Ana-Lab personnel collect samples as specified by Ana-Lab SOP #000323.

Comments

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 75662




TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

Institute in Basic Life Principles, Inc (CN601567548) operates INTERNATIONAL ALERT ACADEMY (RN101193167), a domestic wastewater treatment facility. The facility is located at 1 Academy Blvd, in Big Sandy, Upshur County, Texas 75755. This application is for a renewal to dispose of treated wastewater at a volume not to exceed a daily average flow of 100,000 gallons per day via irrigation on 38 acres of land. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5) , total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 8. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include bar screens, an oxidation ditch, two sludge drying beds, and two stabilization ponds with a total surface area of 1.23 acres and a total capacity of 5.63 acre-feet for storage of treated effluent prior to irrigation.



THI THOUNDENTAL OUT IN

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

For any questions about this form, please contact the Domestic Wastewater Permitting Team at 512-239-4671.

The following information is required for all renewal, new, and amendment applications.

Section 1. Permitted or Proposed Flows (Instructions Page 42)

A. Existing/Interim I Phase

Design Flow (MGD): o.1

2-Hr Peak Flow (MGD): N/A

Estimated construction start date: <u>N/A</u>
Estimated waste disposal start date: <u>N/A</u>

B. Interim II Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: <u>Click to enter text.</u> Estimated waste disposal start date: <u>Click to enter text.</u>

C. Final Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

D. Current Operating Phase

Provide the startup date of the facility: April 1974

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

Provide a detailed description of the treatment process. **Include the type of treatment plant, mode of operation, and all treatment units.** Start with the plant's head works and finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed, a description of** *each phase* **must be provided**.

Domestic sewage enters treatment facility through a manually cleaned bar screen ahead of a parallel flume and is processed in an aerated oxidation ditch. Effluent from the oxidation ditch is discharged into two stabilization ponds arranged in series. Effluent from the ponds is discharged to the irrigation system adjacent to the treatment facility. Sludge is dredged from the ponds into concrete drying beds. Dried sludge is hauled to a permitted sludge handling facility.

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) of each treatment unit, accounting for *all* phases of operation.

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)	
Oxidation ditch	1	464' x 9' x 5'	
North Stabilization Pond	1	180' x 118' x 4.88'	
South Stabilization Pond	1	210' x 138' x 4.88'	
Sludge Drying Beds	2	70' x 8' x 3'	

C. Process Flow Diagram

Provide flow diagrams for the existing facilities and **each** proposed phase of construction.

Attachment: FLDIA_Flow Diagram.jpg

Section 3. Site Information and Drawing (Instructions Page 43)

Provide the TPDES discharge outfall latitude and longitude. Enter N/A if not applicable.

Latitude: N/ALongitude: N/A

Provide the TLAP disposal site latitude and longitude. Enter N/A if not applicable.

Latitude: <u>32.585° N</u>
 Longitude: <u>95.058° W</u>

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or

Attachment: SITEDR Site Drawing.pdf Provide the name **and** a description of the area served by the treatment facility. The treatment facility serves the International ALERT Academy, a campus 2 miles East of the city of Big Sandy in Upshur County, TX. Collection System Information for wastewater TPDES permits only: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. Please see the instructions for a detailed explanation and examples. **Collection System Information Collection System Name Owner Name Owner Type Population Served** Choose an item. Choose an item. Choose an item. Choose an item. **Unbuilt Phases (Instructions Page 44)** Section 4. Is the application for a renewal of a permit that contains an unbuilt phase or phases? Yes 🗵 No If yes, does the existing permit contain a phase that has not been constructed within five **vears** of being authorized by the TCEO? Yes □ No If ves, provide a detailed discussion regarding the continued need for the unbuilt phase. Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases. Click to enter text.

Section 5. Closure Plans (Instructions Page 44)

disposal site.

Have any treatment units been taken out of service permanently, or will any units be taken out of service in the next five years?

	□ Yes ⊠ No
If y	yes, was a closure plan submitted to the TCEQ?
	□ Yes □ No
If y	yes, provide a brief description of the closure and the date of plan approval.
Cli	ick to enter text.
Se	ection 6. Permit Specific Requirements (Instructions Page 44)
	r applicants with an existing permit, check the Other Requirements or Special
	ovisions of the permit.
A.	Summary transmittal
	Have plans and specifications been approved for the existing facilities and each proposed
	phase?
	✓ Yes □ No
	If yes, provide the date(s) of approval for each phase: April 1974
	Provide information, including dates, on any actions taken to meet a <i>requirement or provision</i> pertaining to the submission of a summary transmittal letter. Provide a copy of an approval letter from the TCEQ, if applicable.
	Click to enter text.
B.	Buffer zones
	Have the buffer zone requirements been met?
	⊠ Yes □ No
_	Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.
	Click to enter text.

	su	bes the <i>Other Requirements</i> or <i>Special Provisions</i> section in the existing permit require bmission of any other information or other required actions? Examples include tification of Completion, progress reports, soil monitoring data, etc.
		⊠ Yes □ No
		yes, provide information below on the status of any actions taken to meet the nditions of an <i>Other Requirement</i> or <i>Special Provision</i> .
	An	nual soil samples have been submitted as required.
D.	Gr	it and grease treatment
	1.	Acceptance of grit and grease waste
		Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?
		□ Yes ⊠ No
		If No, stop here and continue with Subsection E. Stormwater Management.
	2.	Grit and grease processing
		Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.
		Click to enter text.
	3.	Grit disposal
		Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal?
		□ Yes □ No
		If No , contact the TCEQ Municipal Solid Waste team at 512-239-2335. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

C. Other actions required by the current permit

	Describe the method of grit disposal.						
	Click to enter text.						
4.	Grease and decanted liquid disposal						
	Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.						
	Describe how the decant and grease are treated and disposed of after grit separation.						
	Click to enter text.						
Sto	ormwater management						
1.	Applicability						
	Does the facility have a design flow of 1.0 MGD or greater in any phase?						
	□ Yes ⊠ No						
	Does the facility have an approved pretreatment program, under 40 CFR Part 403?						
	□ Yes ⊠ No						
	If no to both of the above, then skip to Subsection F, Other Wastes Received.						
2.	MSGP coverage						
	Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?						
	□ Yes □ No						
	If yes , please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:						
	TXR05 Click to enter text. or TXRNE Click to enter text.						
	If no, do you intend to seek coverage under TXR050000?						
	□ Yes □ No						
<i>3.</i>	Conditional exclusion						
	Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?						
	□ Yes □ No						

E.

	If yes , please explain below then proceed to Subsection F, Other Wastes Received:						
	Click to enter text.						
4.	Existing coverage in individual permit						
	Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?						
	□ Yes □ No						
	If yes , provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.						
	Click to enter text.						
5.	Zero stormwater discharge						
	Do you intend to have no discharge of stormwater via use of evaporation or other means?						
	□ Yes □ No						
	If yes, explain below then skip to Subsection F. Other Wastes Received.						
	Click to enter text.						
	Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.						
6.	Request for coverage in individual permit						
	Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?						
	□ Yes □ No						
	If yes , provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you						

		intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.
		Click to enter text.
		Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.
F.	Di	scharges to the Lake Houston Watershed
	Do	es the facility discharge in the Lake Houston watershed?
		□ Yes ⊠ No
	_	yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. ck to enter text.
G.	Ot	her wastes received including sludge from other WWTPs and septic waste
	1.	Acceptance of sludge from other WWTPs
		Does or will the facility accept sludge from other treatment plants at the facility site?
		□ Yes ⊠ No
		If yes, attach sewage sludge solids management plan. See Example 5 of instructions.
		In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an
		estimate of the ${\rm BOD}_5$ concentration of the sludge, and the design ${\rm BOD}_5$ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.
		Click to enter text.
		Note: Permits that accept sludge from other wastewater treatment plants may be
		required to have influent flow and organic loading monitoring.
	2.	Acceptance of septic waste
		Is the facility accepting or will it accept septic waste?
		□ Yes ⊠ No
		If yes, does the facility have a Type V processing unit?
		□ Yes □ No
		If yes, does the unit have a Municipal Solid Waste permit?
		□ Yes □ No

If yes to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the septic waste, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

3. Acceptance of other wastes (not including septic, grease, grit, or RCRA, CERCLA or as discharged by IUs listed in Worksheet 6)

Is or will the facility accept wastes that are not domestic in nature excluding the categories listed above?

□ Yes ⊠ No

If yes, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

Click to enter text.			

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 49)

Is the facility in operation?

⊠ Yes □ No

If no, this section is not applicable. Proceed to Section 8.

If yes, provide effluent analysis data for the listed pollutants. *Wastewater treatment facilities* complete Table 1.0(2). *Water treatment facilities* discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

Note: The sample date must be within 1 year of application submission.

Table 1.0(2) - Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	8.64	8.64	1	Grab	8/22/2025
Total Suspended Solids, mg/l	32.0	32.0	1	Grab	8/22/2025
Ammonia Nitrogen, mg/l	<0.020	< 0.020	1	Grab	8/22/2025
Nitrate Nitrogen, mg/l	Waiting	For Lab	1	Grab	8/22/2025
Total Kjeldahl Nitrogen, mg/l	5.76	5.76	1	Grab	8/22/2025
Sulfate, mg/l	41.0	41.0	1	Grab	8/22/2025
Chloride, mg/l	31.6	31.6	1	Grab	8/22/2025
Total Phosphorus, mg/l	4.00	4.00	1	Grab	8/22/2025
pH, standard units	7.2	7.2	1	Grab	8/22/2025
Dissolved Oxygen*, mg/l	N/A	N/A	N/A	N/A	N/A
Chlorine Residual, mg/l	0	0	1	Grab	8/29/2025
E.coli (CFU/100ml) freshwater	1413.6	1413.6	1	Grab	8/22/2025
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	288	288	1	Grab	8/22/2025
Electrical Conductivity, µmohs/cm, †	469	469	1	Grab	8/22/2025
Oil & Grease, mg/l	N/A	N/A	N/A	N/A	N/A
Alkalinity (CaCO ₃)*, mg/l	N/A	N/A	N/A	N/A	N/A

^{*}TPDES permits only

Table 1.0(3) - Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO ₃), mg/l					

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: <u>Jared Pearrow</u>

Facility Operator's License Classification and Level: <u>Wastewater Treatment Operator – Class D</u>

Facility Operator's License Number: WW0055165

[†]TLAP permits only

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 50)

WW	TP's Sewage Sludge or Biosolids Management Facility Type
Che	ck all that apply. See instructions for guidance
	Design flow>= 1 MGD
	Serves >= 10,000 people
	Class I Sludge Management Facility (per 40 CFR § 503.9)
\boxtimes	Biosolids generator
	Biosolids end user – land application (onsite)
	Biosolids end user – surface disposal (onsite)
	Biosolids end user – incinerator (onsite)
ww	TP's Sewage Sludge or Biosolids Treatment Process
Che	ck all that apply. See instructions for guidance.
\boxtimes	Aerobic Digestion
\boxtimes	Air Drying (or sludge drying beds)
	Lower Temperature Composting
	Lime Stabilization
	Higher Temperature Composting
	Heat Drying
	Thermophilic Aerobic Digestion
	Beta Ray Irradiation
	Gamma Ray Irradiation
	Pasteurization
	Preliminary Operation (e.g. grinding, de-gritting, blending)
	Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
	Sludge Lagoon
	Temporary Storage (< 2 years)
	Long Term Storage (>= 2 years)
	Methane or Biogas Recovery
	Other Treatment Process: Click to enter text.

C. Sewage Sludge or Biosolids Management

B.

Provide information on the *intended* sewage sludge or biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the

permit will authorize all sewage sludge or biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Distribution & Marketing-Composting	Off-site Third-Party Handler or Preparer	Bulk		N/A: Transported to another facility for further processing	N/A: Trasporrted to another facility for further processing
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Click to enter text.

D. Disposal site

Disposal site name: Vital Earth Resources

TCEQ permit or registration number: TCEQ Permit #356

County where disposal site is located: **Upshur**

E. Transportation method

Method of transportation (truck, train, pipe, other): Truck

Name of the hauler: Vital Earth Resources

Hauler registration number: TCEQ Permit #356

Sludge is transported as a:

Liquid \square semi-liquid \square semi-solid \boxtimes solid \square

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 52)

A. Beneficial use authorization

Does the existing permit include authorization	n for land	l application	of biosolids	s for
heneficial use?				

□ Yes ⊠ No

If yes, are you requesting to continue this authorization to land apply biosolids for beneficial use?

□ Yes □ No

	If yes, is the completed Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451) attached to this permit application (see the instructions for details)?						
	□ Yes □ No						
B.	Sludge processing authorization	Sludge processing authorization					
	Does the existing permit include authorization for any of the following sludge processing, storage or disposal options?						
	Sludge Composting		Yes	\boxtimes	No		
	Marketing and Distribution of E	Biosolids \square	Yes	\boxtimes	No		
	Sludge Surface Disposal or Slud	lge Monofill □	Yes	\boxtimes	No		
	Temporary storage in sludge la	goons	Yes	\boxtimes	No		
	If yes to any of the above sludge of authorization, is the completed Do Technical Report (TCEQ Form No. ☐ Yes ☐ No	mestic Wastewate	er Permi	it Appl	lication: Sewage Sludge		
Se	ection 11. Sewage Sludge L	agoons (Instru	ctions	Page	e 53)		
Do	es this facility include sewage sludg	ge lagoons?					
	□ Yes ⊠ No						
If	yes, complete the remainder of this	section. If no, pro	ceed to S	Section	12.		
A.	Location information						
	The following maps are required to provide the Attachment Number.	be submitted as p	part of t	he app	lication. For each map,		
	 Original General Highway (C 	ounty) Map:					
	Attachment: Click to enter t	ext.					
	• USDA Natural Resources Co	nservation Service	Soil Ma	p:			
	Attachment: Click to enter t	ext.					
	Federal Emergency Managen						
	Attachment: Click to enter t	ext.					
	• Site map:						
	Attachment: Click to enter t						
	Discuss in a description if any of the apply.	ne following exist	within tl	he lago	oon area. Check all that		
	☐ Overlap a designated 100-y	ear frequency floo	d plain				
	☐ Soils with flooding classific	cation					
	□ Overlap an unstable area						
	□ Wetlands						

□ Located less than 60 meters from a fault
□ None of the above
Attachment: Click to enter text.
If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:
Click to enter text.

B. Temporary storage information

Provide the results for the pollutant screening of sludge lagoons. These results are in addition to pollutant results in *Section 7 of Technical Report 1.0.*

Nitrate Nitrogen, mg/kg: Click to enter text.

Total Kjeldahl Nitrogen, mg/kg: Click to enter text.

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: Click to enter text.

Phosphorus, mg/kg: <u>Click to enter text.</u>

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: <u>Click to enter text.</u>

Total PCBs: <u>Click to enter text.</u> Provide the following information:

Volume and frequency of sludge to the lagoon(s): <u>Click to enter text.</u>

Total dry tons stored in the lagoons(s) per 365-day period: Click to enter text.

Total dry tons stored in the lagoons(s) over the life of the unit: Click to enter text.

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec?

	□ Yes □ No
	If yes, describe the liner below. Please note that a liner is required.
	Click to enter text.
D.	Site development plan
	Provide a detailed description of the methods used to deposit sludge in the lagoon(s):
	Click to enter text.
	Attach the following documents to the application.
	 Plan view and cross-section of the sludge lagoon(s)
	Attachment: Click to enter text.
	Copy of the closure plan
	Attachment: Click to enter text.
	 Copy of deed recordation for the site
	Attachment: Click to enter text.
	• Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
	Attachment: Click to enter text.
	 Description of the method of controlling infiltration of groundwater and surface water from entering the site
	Attachment: Click to enter text.
	 Procedures to prevent the occurrence of nuisance conditions
	Attachment: Click to enter text.
E.	Groundwater monitoring
	Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?
	□ Yes □ No
	If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

Attachment: Click to enter text.

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 54)

A. Additional authorizations
Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?
□ Yes ⊠ No
If yes, provide the TCEQ authorization number and description of the authorization:
Click to enter text.
B. Permittee enforcement status
Is the permittee currently under enforcement for this facility?
□ Yes ⊠ No
Is the permittee required to meet an implementation schedule for compliance or enforcement?
□ Yes ⊠ No
If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:
Click to enter text.
Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

A. RCRA hazardous wastes

Has the facility received in the past three years, does it currently receive, or will it receive RCRA hazardous waste?

□ Yes ⊠ No

B. Remediation activity wastewater

Has the facility received in the past three years, does it currently receive, or will it receive CERCLA wastewater, RCRA remediation/corrective action wastewater or other remediation activity wastewater?

□ Yes ⊠ No

C. Details about wastes received

If yes to either Subsection A or B above, provide detailed information concerning these wastes with the application.

Attachment: Click to enter text.

Section 14. Laboratory Accreditation (Instructions Page 55)

All laboratory tests performed must meet the requirements of *30 TAC Chapter 25*, *Environmental Testing Laboratory Accreditation and Certification*, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
 - o periodically inspected by the TCEQ; or
 - o located in another state and is accredited or inspected by that state; or
 - o performing work for another company with a unit located in the same site; or
 - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

The applicant should review 30 TAC Chapter 25 for specific requirements.

The following certification statement shall be signed and submitted with every application. See the Signature Page section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

I certify that all laboratory tests submitted with this application meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

Printed Name: <u>Jared Pearrow</u>

Title: Wastewater Operator

Signature: Jared Pearson

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

The following is required for renewal, new, and amendment permit applications.

Section 1. Type of Disposal System (Instructions Page 67)

Identif	y the method of land disposal:		
	Surface application		Subsurface application
\boxtimes	Irrigation		Subsurface soils absorption
	Drip irrigation system		Subsurface area drip dispersal system
	Evaporation		Evapotranspiration beds
	Other (describe in detail): <u>Click</u>	to er	nter text.
	All applicants without authorization and submit Worksheet		or proposing new/amended subsurface disposal

For existing authorizations, provide Registration Number: WQ0010835001

Section 2. Land Application Site(s) (Instructions Page 67)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) - Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Coastal Bermuda Grass	38	100,000	N

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 67)

Table 3.0(2) - Storage and Evaporation Ponds

Pond	Surface Area	Storage Volume	Dimensions	Liner Type
Number	(acres)	(acre-feet)		

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type			
#1 (South)	.68	3.32	210' x 138' x 4.88'	Compacted Clay			
#2 (North)	.52	2.44	180' x 118' x 4.88'	Compacted Clay			
Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas							

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: Click to enter text.

Section 4. Flood and Runoff Protection (Instructions Page 67)						
Is the land application site within the 100-year frequency flood level?						
□ Yes ⊠ No						
If yes, describe how the site will be protected from inundation.						
Click to enter text.						
Provide the source used to determine the 100-year frequency flood level:						

Click to enter tex	α.		

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Click to enter text.			

Section 5. Annual Cropping Plan (Instructions Page 67)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment**: <u>OTHER Annual Cropping Plan.docx</u>

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 68)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: OTHER Site Map.pdf

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) - Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
			Choose an item.	
			Choose an item.	
			Choose an item.	
			Choose an item.	
			Choose an item.	

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 68)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: Click to enter text.

Are groundwater monitoring wells available onsite? □ Yes ☒ No

Do you plan to install ground water monitoring wells or lysimeters around the land application site? □ Yes ☒ No

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: Click to enter text.

Section 8. Soil Map and Soil Analyses (Instructions Page 69)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: Click to enter text.

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note**: for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: OTHER 2025-01-27 Soil Samples.pdf

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) - Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

⊠ Yes □ No

If no, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) - Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pН	Chlorine Residual mg/l	Acres irrigated
8/2023	0.046	9.20		7.30		2
9/2023	0.036	6.40		7.36		2
10/2023	0.052	10.2		7.38		4
11/2023	0.047	5.80		7.33		4
12/2023	0.032	8.40		7.40		2
1/2024	0.031	7.70		7.36		4
2/2024	0.033	5.80		7.37		2
3/2024	0.027	9.00		7.40		3
4/2024	0.064	15.7		7.21		3
5/2024	0.043	9.40		7.00		2
6/2024	0.038	16.0		7.06		3
7/2024	0.031	7.30		6.79		4
8/2024	0.016	5.70		7.04		2
9/2024	0.016	11.9		6.92		2
10/2024	0.036	20.0		7.15		4
11/2024	0.031	10.0		7.03		2
12/2024	0.025	3.30		7.25		4
1/2025	0.030	4.00		7.07		2
2/2025	0.046	7.70		7.13		4
3/2025	0.032	12.9		7.19		2
4/2025	0.051	8.50		7.05		4
5/2025	0.058	9.40		7.05		4
6/2025	0.049	4.30		7.09		4
7/2025	0.037	9.50		6.79		2

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

Click to enter text.			

International ALERT Academy

WQ0010835001

Design Calculations

TCEQ Domestic Permit Technical Report 1.1, Section 4

The facility is applying for a permit renewal. As Technical Report 1.1 is only required for new and major amendment applications, the Design Calculations document is not applicable for this renewal application.



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08/27/2025 14:03

IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

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1159630_r03_03_ProjectResults	SPL Kilgore Project P:1159630 C:IAA1 Project Results t:304	2
1159630_r10_05_ProjectQC	SPL Kilgore Project P:1159630 C:IAA1 Project Quality Control Groups	1
1159630_r99_09_CoC1_of_1	SPL Kilgore CoC IAA1 1159630_1_of_1	3
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Email: Kilgore.ProjectManagement@spllabs.com

Survey: How are we doing?





SAMPLE CROSS REFERENCE



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8/27/2025

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WW 010

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Sample	Sample ID	Taken	Time		Received	
2440380	Wasterwater Effluent	08/26/2025	14:00:00		08/26/2025	
Bottle 01 Na2S	2O3 (0.008%) Polystyrene-100 mL Sterilized, I					
	Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
	Method SM 9223 B (Colilert-18 QT)-2016	Bottle 01	PrepSet 1192585	Preparation 08/27/2025	QcGroup 1192585	Analytical 08/27/2025

Email: Kilgore.ProjectManagement@spllabs.com

Office: 903-984-0551 * Fax: 903-984-5914



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1159630

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08/27/2025

IAA1-A

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RESULTS

				Sample	Resu	ults						
2440380	Wasterwater Ei	ffluent								Received:	08/26	5/2025
Non-Potable Water	er	Collected by Taken: 08	7: RRF 8/26/2025	SPL Ki	lgore 14:00:0	00			PO:			
SM 9223 B (Coli	lert-18 QT)-2016		Prepared:	1192584	08/2	7/2025	11:43:00	Analyzed	1192584	08/27/2025	11:43:00	MD
Parameter ELAC MPN, Total C	Coliform, Non-Pot		<i>Results</i> >2419.6	M	inits IPN/1 OmL	<i>RL</i> 1.00		Flag	S	CAS		Bottle 01
SM 9223 B (Coli.	lert-18 QT)-2016		Prepared:	1192585	08/2	7/2025	11:43:00	Analyzed	1192585	08/27/2025	11:43:00	MD
Parameter MPN, E.coli,	Col18 - Non-Pot		Results 1413.6	M	inits IPN/1 ImL	<i>RL</i> 1.00		Flag	S	CAS		Bottle 01
2440381	Pick Up - On R	Loute								Received:	08/26	5/2025
Non-Potable Water	er	Collected by Taken: 08	RRF 8/26/2025	SPL Ki	lgore 14:00:0	00			PO:			
			Prepared:		08/20	5/2025	16:01:32	Calculated	1	08/26/2025	16:01:32	CAI
Parameter Sampling/Tra	nsport/Repacking		Results Verified	L	nits	RL		Flag	S	CAS		Bottle
			S	ample P	repai	ation						
2440380	Wasterwater Ei	ffluent								Received:	08/26	5/2025
			3/26/2025									



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Printed: 08/27/2025

2440380 Wasterwater Effluent 08/26/2025 Received:

08/26/2025

		Prepared:	08/26/2025	16:01:32	Calculated	08/26/2025	16:01:32	CAL
Z	Enviro Fee (per Sampling Group)	Verified						
	SM 9223 B (Colilert-18 QT)-2016	Prepared: 119250	52 08/26/2025	16:25:00	Analyzed 1192562	08/26/2025	16:25:00	MDM

MPN (Colilert-18) Start Non-Pot **STARTED** 01

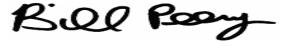
Qualifiers

We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC. RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.



Bill Peery, MS, VP Technical Services



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Project 11**59630**

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IAA1-A

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Analytical Set	1192584							SM 922	23 B (Colilert-	18 QT)-2016
				Blan	k					
<u>Parameter</u> MPN, Total Coliform, Non-Pot	<i>PrepSet</i> 1192584	Reading <1.0	<i>MDL</i> 1.00		<i>Units</i> MPN/100ml	Ĺ		<i>File</i> 128001464		
				Micro I	Dup					
<u>Parameter</u> MPN, Total Coliform, Non-Pot	Sample 2440433	Type Duplicate	Result	Unknown 6.3			<i>Unit</i> MPN/100mL		<i>Range</i> 0.287	Criterion 0.7825
		-		Stand	ard					
Parameter P. aeruginosa Standard E. coli Standard K.varicola	Sample 1192562 1192562 1192562	Reading <1.0 >2419.6 >2419.6	<i>Known</i> <1.0 >2419.6 >2419.6	Units MPN/100ml MPN/100ml MPN/100ml	Recover%	Limits%		File 128001457 128001461 128001459		
Analytical Set	1192585							SM 922	23 B (Colilert-	18 QT)-2016
,				Blan	k				•	
Parameter MPN, E.coli, Col18 - Non-Pot	<i>PrepSet</i> 1192585	Reading <1.0	<i>MDL</i> 1.00		<i>Units</i> MPN/100ml	Ĺ		<i>File</i> 128001481		
				Micro I	Dup					
D. (Sample	Type Duplicate	Result	<i>Unknown</i> 1.0			<i>Unit</i> MPN/100mL		Range 0	Criterion 0.7825
Parameter MPN, E.coli, Col18 - Non-Pot	2440433	Duphouc	-1.0							
	2440433	Бирисис		Stand	ard					

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100%

Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors)

Email: Kilgore.ProjectManagement@spllabs.com



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1159630 CoC Print Group 001 of 001

		Kilgore, Texas 1551 * Fax: 903			E) SPL
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Sa	mpler Signat	Sam			s Dioxin? Samples Bi	iological Hazard?
_	NELAC §	Sam 1 N Short Hold	a2S2O3 (0.008		00 mL Sterilized, I	iological Hazard?
mbien	NELAC §	Sam 1 N	a2S2O3 (0.008	8%) Polystyrene-10	00 mL Sterilized, I	ert-18 QT)-2016 (0.333 days)
mbien	NELAC §	Sam 1 N Short Hold	a2S2O3 (0.008 MPNW MPN,	8%) Polystyrene-10	00 mL Sterilized, I SM 9223 B (Colile	<u> </u>
mbien	NELAC S	Sam 1 N Short Hold as/Comments Printed Name	a2S2O3 (0.008	8%) Polystyrene-10	O0 mL Sterilized, I SM 9223 B (Colile	ert-18 QT)-2016 (0.333 days)
mbien	NELAC §	Sam 1 N Short Hold as/Comments	a2S2O3 (0.008 MPNW MPN,	8%) Polystyrene-10	00 mL Sterilized, I SM 9223 B (Colile	ert-18 QT)-2016 (0.333 days)
mbien	NELAC S	Short Hold as/Comments Printed Name Signature Printed Name	a2S2O3 (0.008 MPNW MPN,	E.coli, Col18 - Non-Pot	O0 mL Sterilized, I SM 9223 B (Colile Printed Name McCabe Signature Printed Name	Received Wheeler - SPL, Inc. Milation
mbien	NELAC S	Sam I N Short Hold as/Comments Printed Name Signature Signature Signature	a2S2O3 (0.008 MPNW MPN,	E.coli, Col18 - Non-Pot Militation Attilization	O0 mL Sterilized, I SM 9223 B (Colile Printed Name McCabe Signature Printed Name Signature	Received Wheeler - SPL, Ing. milation
mbien	NELAC S	Sam I N Short Hold as/Comments Printed Name Signature Signature Signature Printed Name	a2S2O3 (0.008 MPNW MPN,	E.coli, Col18 - Non-Pot	DO mL Sterilized, I SM 9223 B (Colile Printed Name McCabe Signature Printed Name Signature Printed Name	Received Wheeler - SPL, Inc. Milation
mbien	NELAC S	Sam I N Short Hold as/Comments Printed Name Signature Printed Name Signature Printed Name	a2S2O3 (0.008 MPNW MPN,	E.coli, Col18 - Non-Pot Attiliation Attiliation	Oo mL Sterilized, I SM 9223 B (Colile Printed Name McCabe Signature Printed Name Signature Signature	Received Wheeler - SPL, Inc., Milation Affiliation
mbien	NELAC S	Sam I N Short Hold Is/Comments Printed Name Signature Printed Name Signature Printed Name Signature Printed Name	a2S2O3 (0.008 MPNW MPN,	E.coli, Col18 - Non-Pot Militation Attilization	DO mL Sterilized, I SM 9223 B (Colile Printed Name McCabe Signature Printed Name Signature Printed Name Signature Printed Name	Received Wheeler - SPL, Ing. Milation
.mbien	NELAC S	Sam I N Short Hold as/Comments Printed Name Signature Printed Name Signature Printed Name	a2S2O3 (0.008 MPNW MPN,	E.coli, Col18 - Non-Pot Attiliation Attiliation	Oo mL Sterilized, I SM 9223 B (Colile Printed Name McCabe Signature Printed Name Signature Signature	Received Wheeler - SPL, Inc., Miliation Affiliation
mbien ate	Time 152	Sam I N Short Hold Is/Comments Printed Name Signature	a2S2O3 (0.008 MPNW MPN, Relinquished ROBERT	8%) Polystyrene-10 E.coli, Col18 - Non-Pot Affiliation Affiliation Affiliation	DO mL Sterilized, I SM 9223 B (Colile Printed Name McCabe Signature Printed Name Signature Printed Name Signature Printed Name Signature Signature	Received Wheeler - SPL, Inc., Miliation Affiliation
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1159630 CoC Print Group 001 of 001

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Corporate - Kilgore: 2600 Dudley Road Kilgore TX Report Page 7 of 8



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Page 1 of 1



IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755Printed 01/27/2025 15:41

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1133338_r03_03_ProjectResults	SPL Kilgore Project P:1133338 C:IAA1 Project Results t:304	8
1133338_r10_05_ProjectQC	SPL Kilgore Project P:1133338 C:IAA1 Project Quality Control Groups	4
1133338_r99_09_CoC1_of_1	SPL Kilgore CoC IAA1 1133338_1_of_1	3
	Total Pages:	17

Email: Kilgore.ProjectManagement@spllabs.com





SAMPLE CROSS REFERENCE



Printed

1/27/2025

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International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Sample	Sample ID	Taken	Time	Received
2374909	ZONES 11-16,21-25 0"-6"	01/15/2025	12:20:00	01/22/2025

Bottle 01 Glass Qt w/Teflon lined lid

Bottle 02 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1157406) Volume: 20.00000 mL <== Derived from 01 (1.0 grams)

Bottle 03 Prepared Bottle: 2 mL Glass vial (Batch 1157486) Volume: 50.00000 mL <== Derived from 01 (5 grams)

Bottle 04 Prepared Bottle: ICP Preparation for Metals (Batch 1157629) Volume: 50.00000 mL <= Derived from 01 (2.1 grams)

	Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
	EPA 9056	03	1157486	01/23/2025	1157723	01/23/2025
	EPA 6010C	04	1157629	01/24/2025	1157892	01/27/2025
	EPA 6010C	04	1157629	01/24/2025	1157857	01/27/2025
	EPA 9050	01	1157485	01/23/2025	1157485	01/23/2025
	Calc TKN+N2+N3	02	1157406	01/23/2025	1157649	01/25/2025
	EPA 351.2 2	02	1157406	01/23/2025	1157649	01/24/2025
	SM2540 G-1997 /MOD	01	1157640	01/23/2025	1157640	01/23/2025
	EPA 9045D	01	1157480	01/23/2025	1157480	01/23/2025
Sample	Sample ID	Taken	Time		Received	
2374011	ZONES 11-16 21-25 6"-18"	01/15/2025	12:20:00	•	01/22/2025	

2374911 ZONES 11-16,21-25 6"-18" 01/15/2025 12:20:00 01/22/2025

Bottle 01 Glass Qt w/Teflon lined lid

Bottle 02 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1157406) Volume: 20.00000 mL <== Derived from 01 (1.0 grams)

Bottle 03 Prepared Bottle: 2 mL Glass vial (Batch 1157486) Volume: 50.00000 mL <= Derived from 01 (5 grams)

Bottle 04 Prepared Bottle: ICP Preparation for Metals (Batch 1157629) Volume: 50.00000 mL <= Derived from 01 (2.5 grams)

	Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
	EPA 9056	03	1157486	01/23/2025	1157723	01/23/2025
	EPA 6010C	04	1157629	01/24/2025	1157892	01/27/2025
	EPA 6010C	04	1157629	01/24/2025	1157857	01/27/2025
	EPA 9050	01	1157485	01/23/2025	1157485	01/23/2025
	Calc TKN+N2+N3	02	1157406	01/23/2025	1157649	01/25/2025
	EPA 351.2 2	02	1157406	01/23/2025	1157649	01/24/2025
	SM2540 G-1997 /MOD	01	1157640	01/23/2025	1157640	01/23/2025
	EPA 9045D	01	1157480	01/23/2025	1157480	01/23/2025
Sample	Sample ID	Taken	Time		Received	
2374912	ZONES 11-16,21-25 18"-30"	01/15/2025	12:20:00		01/22/2025	

Email: Kilgore.ProjectManagement@spllabs.com

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The Science of Sure

SAMPLE CROSS REFERENCE



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1/27/2025

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International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Bottle 01 Glass Qt w/Teflon lined lid

Bottle 02 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1157406) Volume: 20.00000 mL <== Derived from 01 (1.0 grams)

Bottle 03 Prepared Bottle: 2 mL Glass vial (Batch 1157486) Volume: 50.00000 mL <= Derived from 01 (5 grams) Bottle 04 Prepared Bottle: 2 mL Glass vial (Batch 1157486) Volume: 50.00000 mL <= Derived from 01 (5 grams) Bottle 05 Prepared Bottle: 2 mL Glass vial (Batch 1157486) Volume: 50.00000 mL <= Derived from 01 (5 grams)

Bottle 06 Prepared Bottle: ICP Preparation for Metals (Batch 1157629) Volume: 50.00000 mL <= Derived from 01 (2.0 grams)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 9056	03	1157486	01/23/2025	1157723	01/23/2025
EPA 6010C	06	1157629	01/24/2025	1157892	01/27/2025
EPA 6010C	06	1157629	01/24/2025	1157857	01/27/2025
EPA 9050	01	1157485	01/23/2025	1157485	01/23/2025
Calc TKN+N2+N3	02	1157406	01/23/2025	1157649	01/25/2025
EPA 351.2 2	02	1157406	01/23/2025	1157649	01/24/2025
SM2540 G-1997 /MOD	01	1157640	01/23/2025	1157640	01/23/2025
EPA 9045D	01	1157480	01/23/2025	1157480	01/23/2025

Email: Kilgore.ProjectManagement@spllabs.com

24 Waterway Avenue, Suite 375 The Woodlands, TX 77380

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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed: 01/27/2025

RESULTS

					Sample	Res	ults						
	2374909	ZONES 11-16	,21-25 0"-6"								Received:	01/22	2/2025
Se	olid & Chemi	ical Materials	Collected by: 0	Client 5/2025	Internation 1	onal A				PO:			
	Talc TKN+N2	2+N3		Prepared:	1157406	01/2	23/2025	08:55:03	Calculated	1 1157649	01/25/2025	13:12:47	CAL
NELAC	Parameter Nitrogen,	Fotal * Dry Weight Basis		Results 195.68 *	Un m g	uits t/ kg	<i>RL</i> 2.14		Flag	s	CAS		Bottle 02
Е	TPA 351.2 2			Prepared:	1157406	01/2	23/2025	08:55:03	Analyzed	1157649	01/24/2025	07:23:00	AMB
NELAC	Parameter Total Kjelo	dahl Nitrogen * Dry Weight Basis		Results 194 *	Un m g	nits t/ kg	<i>RL</i> 2.14		Flag.	s	CAS 7727-37-9		Bottle 02
Е	PA 6010C			Prepared:	1157629	01/2	24/2025	11:00:00	Analyzed	1157857	01/27/2025	10:13:00	CAS
NELAC	Parameter Phosphoru	s		Results 116 *	Un mg	uits g/kg	<i>RL</i> 12.9		Flag.	S	CAS 7723-14-0		Bottle 04
E	PA 6010C			Prepared:	1157629	01/2	24/2025	11:00:00	Analyzed	1157892	01/27/2025	12:02:00	CAS
NELAC	Parameter Potassium	* Dry Weight Basis		Results 304 *		nits /kg	<i>RL</i> 64.6		Flag.	S	<i>CAS</i> 7440-09-7		Bottle 04
E	PA 9045D			Prepared:	1157480	01/2	23/2025	07:25:00	Analyzed	1157480	01/23/2025	07:25:00	JMJ
NELAC	Parameter Soil pH Me	easured in Water		Results 7.0@18c	Un SU		<i>RL</i> 2.00		Flag	S	CAS		Bottle 01
E	PA 9050			Prepared:	1157485	01/2	23/2025	10:00:00	Analyzed	1157485	01/23/2025	10:00:00	JMJ
NELAC	Parameter Lab Electri	ical Conductance at 25		Results 29.4	Un um m	<i>its</i> ihos/c	RL		Flag	s	CAS		Bottle 01



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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed:	01/27/2025
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2374909	ZONES 11-16,2									Received:	01/22	2/2025
Solid & Chemic	al Materials	Collected Taken:	01/15/2025	Internation 1	onal Ale 2:20:00				PO:			
EPA 9056			Prepared:	1157486	01/23/	/2025	13:44:05	Analyzed	1157723	01/23/2025	18:08:00	K
Parameter			Results	Un	its	RL		Flags		CAS		Bott
AC Nitrate-Nitr	* Dry Weight Basis		1.68 *	mg	/kg	0.285						0
SM2540 G-199	7 /MOD		Prepared:	1157640	01/23/	/2025	15:35:00	Analyzed	1157640	01/23/2025	15:35:00	В
Parameter			Results	Un	its	RL		Flags		CAS		Bott
AC Total Solids	s for Dry Wt Conversi		93.0	%		0.010						0
2374911	ZONES 11-16,2	21-25 6"-1	8"							Received:	01/22	2/202
Solid & Chemic	Solid & Chemical Materials **Collected by: Client** **Taken: 01/15/2025**		International Alert 12:20:00			PO:						
Calc TKN+N2+			Prepared:	1157406	01/23/	/2025	08:55:03	Calculated	1157649	01/25/2025	13:12:47	C
Parameter			Results	Un	its	RL		Flags		CAS		Bot
AC Nitrogen, To	otal * Dry Weight Basis		314.35 *	mg	/kg	2.14						(
EPA 351.2 2			Prepared:	1157406	01/23/	/2025	08:55:03	Analyzed	1157649	01/24/2025	07:23:00	A
Parameter			Results	Un	its	RL		Flags		CAS		Bot
AC Total Kjelda	ahl Nitrogen		312 *	mg		2.14		1 1435		7727-37-9		(
	* Dry Weight Basis											
EPA 6010C			Prepared:	1157629	01/24/	/2025	11:00:00	Analyzed	1157857	01/27/2025	10:16:00	C
Parameter			Results	Un	its	RL		Flags		CAS		Bot
AC Phosphorus			130 *	mg	/kg	10.9				7723-14-0		(
			Prepared:	1157629	01/24/	2025	11:00:00	Analyzed	1157892	01/27/2025	12:05:00	C
EPA 6010C												
Parameter			Results 205 *	Un	its	<i>RL</i> 54.5		Flags		CAS 7440-09-7		Во



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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



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	2374911 ZONES 11-16,2 blid & Chemical Materials	Collected by:	Client 15/2025		onal Alert 12:20:00		PO:	Received:	01/22	2/2025
E	PA 6010C		Prepared:	1157629	01/24/2025	11:00:00	Analyzed 1157892	01/27/2025	12:05:00	CAS
	Parameter * Dry Weight Basis		Results	Uī	nits RL		Flags	CAS		Bottle
E	PA 9045D		Prepared:	1157480	01/23/2025	07:25:00	Analyzed 1157480	01/23/2025	07:25:00	JMJ
NELAC	Parameter Soil pH Measured in Water		Results 6.6@18c	Uz SU	nits RL J 2.00)	Flags	CAS		Bottle 01
Ei	PA 9050		Prepared:	1157485	01/23/2025	10:00:00	Analyzed 1157485	01/23/2025	10:00:00	JMJ
NELAC	Parameter Lab Electrical Conductance at 25		Results 34.9		nits RL nhos/c		Flags	CAS		Bottle 01
E	PA 9056		Prepared:	1157486	01/23/2025	13:44:05	Analyzed 1157723	01/23/2025	18:33:00	KLE
NELAC	Parameter Nitrate-Nitrite Nitrogen * Dry Weight Basis		Results 2.35 *		nits RL g/kg 0.28	35	Flags	CAS		Bottle 03
SI	M2540 G-1997 /MOD		Prepared:	1157640	01/23/2025	15:35:00	Analyzed 1157640	01/23/2025	15:35:00	BER
NELAC	Parameter Total Solids for Dry Wt Conversi		Results 92.9	<i>U</i> 1.	nits RL 0.0	0	Flags	CAS		Bottle 01
	2374912 ZONES 11-16,2	1-25 18"-30"						Received:	01/22	2/2025
Sc	olid & Chemical Materials	Collected by: Taken: 01/	Client 15/2025		onal Alert 12:20:00		PO:			
Ca	alc TKN+N2+N3		Prepared:	1157406	01/23/2025	08:55:03	Calculated 1157649	01/25/2025	13:12:47	CAL
NELAC	Parameter Nitrogen, Total		Results 145.22 *		nits RL g/kg 1.00	5	Flags	CAS		Bottle 02



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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed: 01/27/2025

Received:

2374912 ZONES 11-16,21-25 18"-30"

Collected by: Client

01/15/2025

Taken:

International Alert

12:20:00

PO:

01/22/2025

Solid & Chemical Materials

	* Dry Weight Basis										
E	PA 351.2 2	Prepared:	1157406	01/2	23/2025	08:55:03	Analyzed	1157649	01/24/2025	07:23:00	AM
	Parameter	Results	U.	nits	RL		Flag.	S	CAS		Bottle
NELAC	Total Kjeldahl Nitrogen	144 *	m	g/kg	1.06				7727-37-9		02
	* Dry Weight Basis										
E	PA 6010C	Prepared:	1157629	01/2	24/2025	11:00:00	Analyzed	1157857	01/27/2025	10:19:00	CAS
	Parameter	Results	U.	nits	RL		Flag.	s	CAS		Bottle
NELAC	Phosphorus	97.0 *	m	g/kg	13.3				7723-14-0		06
E	PA 6010C	Prepared:	1157629	01/2	24/2025	11:00:00	Analyzed	1157892	01/27/2025	12:09:00	CAS
	Parameter	Results	U.	nits	RL		Flag.	S	CAS		Bottle
NELAC	Potassium	309 *	m	g/kg	66.7				7440-09-7		06
	* Dry Weight Basis										
E	PA 9045D	Prepared:	1157480	01/2	23/2025	07:25:00	Analyzed	1157480	01/23/2025	07:25:00	JMJ
	Parameter	Results	U.	nits	RL		Flag.	S	CAS		Bottle
NELAC	Soil pH Measured in Water	6.7@18c	SI	J	2.00						01
E	PA 9050	Prepared:	1157485	01/2	23/2025	10:00:00	Analyzed	1157485	01/23/2025	10:00:00	JMJ
	Parameter	Results	U	nits	RL		Flag.	S	CAS		Bottle
NELAC	Lab Electrical Conductance at 25	25.5	ur	nhos/c							01
			m								
E	PA 9056	Prepared:	1157486	01/2	23/2025	13:44:05	Analyzed	1157723	01/23/2025	18:57:00	KLB
	Parameter	Results	U	nits	RL		Flag.	S	CAS		Bottle
NELAC	Nitrate-Nitrite Nitrogen * Dry Weight Basis	1.22 *	m	g/kg	0.287						03
S	M2540 G-1997 /MOD	Prepared:	1157640	01/2	23/2025	15:35:00	Analyzed	1157640	01/23/2025	15:35:00	BEK
	Parameter	Results	U.	nits	RL		Flag.	S	CAS		Bottle



0.010

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01

92.3

NELAC

Total Solids for Dry Wt Conversi

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IAA1-A

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Project

1133338

Printed:

01/27/2025

	S	ample P	reparation						
2374909 ZONES 11-16,21-25 0"-6"							Received:	01/22/	/2025
	01/15/2025								
	Prepared:		01/22/2025	16:01:24	Calculated		01/22/2025	16:01:24	CAI
Environmental Fee (per Sampling	Verified								
Calculation	Prepared:		01/27/2025	15:07:24	Calculated		01/27/2025	15:07:24	CAL
As Received to Dry Weight Basis	Calculated								
EPA 200.2 2.8	Prepared:	1157629	01/24/2025	11:00:00	Analyzed 11	157629	01/24/2025	11:00:00	TES
ELAC Solid Metals Digestion	50/2.08	gr	ams						01
EPA 351.2 2	Prepared:	1157406	01/23/2025	08:55:03	Analyzed 11	157406	01/23/2025	08:55:03	ME
ELAC TKN Block Digestion	20/1.0032	gr	ams						01
EPA 9056	Prepared:	1157486	01/23/2025	13:44:05	Analyzed 11	157486	01/23/2025	13:44:05	PEV
Water Extract-Ion Chromatography	50/5.0	gr	ams						01
SM 2540 G-1997	Prepared:	1157516	01/23/2025	15:35:00	Analyzed 11	157516	01/23/2025	15:35:00	BEK
ELAC Total Solids Start Code	Started								



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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed: 01/27/2025

2374911 ZONES 11-16,21-25 6"-18" Received: 01/22/2025

01/15/2025

	01/15/	/2025							
	Calculation	Prepared:		01/27/2025	15:07:25	Calculated	01/27/2025	15:07:25	CAL
	As Received to Dry Weight Basis	Calculated							
	EPA 200.2 2.8	Prepared:	1157629	01/24/2025	11:00:00	Analyzed 1157629	01/24/2025	11:00:00	TES
NELAC	Solid Metals Digestion	50/2.47	gr	ams					01
	EPA 351.22	Prepared:	1157406	01/23/2025	08:55:03	Analyzed 1157406	01/23/2025	08:55:03	MEG
NELAC	TKN Block Digestion	20/1.0047	gr	ams					01
	EPA 9056	Prepared:	1157486	01/23/2025	13:44:05	Analyzed 1157486	01/23/2025	13:44:05	PEV
	Water Extract-Ion Chromatography	50/5.0	gr	ams					01
	SM 2540 G-1997	Prepared:	1157516	01/23/2025	15:35:00	Analyzed 1157516	01/23/2025	15:35:00	BEK
NELAC	Total Solids Start Code	Started							
	2374912 ZONES 11-16,21-25 18"-30"						Received:	01/22/	2025
	01/15/	/2025							
	Calculation	Prepared:		01/27/2025	15:07:25	Calculated	01/27/2025	15:07:25	CAL
	As Received to Dry Weight Basis	Calculated							



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International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed: 01/27/2025

2374912 ZONES 11-16,21-25 18"-30"

Received:

01/22/2025

01/15/2025

,	EPA 200.2 2.8	Prenared:	1157629	01/24/2025	11:00:00	Analyzed	1157629	01/24/2025	11:00:00	TES
1	111 200.2 2.0	териси.	113/025	01/24/2023	11.00.00	7 maryzed	1137023	01/24/2023	11.00.00	TES
NELAC	Solid Metals Digestion	50/2.03	gra	ams						01
I	EPA 351.2 2	Prepared:	1157406	01/23/2025	08:55:03	Analyzed	1157406	01/23/2025	08:55:03	MEG
NELAC	TKN Block Digestion	20/1.0195	gra	ams						01
I	EPA 9056	Prepared:	1157486	01/23/2025	13:44:05	Analyzed	1157486	01/23/2025	13:44:05	PEV
	Water Extract-Ion Chromatography	50/5.0	gra	ams						01
S	SM 2540 G-1997	Prepared:	1157516	01/23/2025	15:35:00	Analyzed	1157516	01/23/2025	15:35:00	BEK
NELAC	Total Solids Start Code	Started								





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Project 1133338

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Qualifiers:

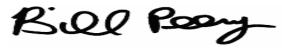
We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.

RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.



Bill Peery, MS, VP Technical Services



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Project
1133338

Printed 01/27/2025

IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

								TIMEG	01/2//202		
Analytical Set	1157649									EPA	A 351.2 2
				В	lank						
Parameter Parame	PrepSet	Reading	MDL	MQL	Units			File			
Total Kjeldahl Nitrogen	1157406	ND	0.378	1.00	mg/kg			127246469			
				C	CCV						
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Total Kjeldahl Nitrogen		5.42	5.00	mg/kg	108	90.0 - 110		127246468			
Total Kjeldahl Nitrogen		5.43	5.00	mg/kg	109	90.0 - 110		127246472			
Total Kjeldahl Nitrogen		5.43	5.00	mg/kg	109	90.0 - 110		127246474			
Total Kjeldahl Nitrogen		5.17	5.00	mg/kg	103	90.0 - 110		127246477			
Total Kjeldahl Nitrogen		5.23	5.00	mg/kg	105	90.0 - 110		127246478			
Total Kjeldahl Nitrogen		5.21	5.00	mg/kg	104	90.0 - 110		127246479			
Total Kjeldahl Nitrogen		5.24	5.00	mg/kg	105	90.0 - 110		127246489			
Total Kjeldahl Nitrogen		5.28	5.00	mg/kg	106	90.0 - 110		127246499			
Total Kjeldahl Nitrogen		5.23	5.00	mg/kg	105	90.0 - 110		127246500			
				Dup	olicate						
Parameter	Sample		Result	Unknown	1		Unit		RPD		Limit%
Total Kjeldahl Nitrogen	2374704		598	578			mg/kg		3.40		20.0
Total Kjeldahl Nitrogen	2374712		563	447			mg/kg		23.0	*	20.0
				I	CV						
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File			
Total Kjeldahl Nitrogen		5.44	5.00	mg/kg	109	90.0 - 110		127246467			
				LCS	S Dup						
<u>Parameter</u>	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Total Kjeldahl Nitrogen	1157406	98.8	97.4		100	90.0 - 110	98.8	97.4	mg/kg	1.43	20.0
				Mat	. Spike						
Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File			
Total Kjeldahl Nitrogen	2374704	750	578	490	mg/kg	35.1	80.0 - 120	127246482		*	
Total Kjeldahl Nitrogen	2374712	688	447	497	mg/kg	48.5	80.0 - 120	127246485		*	
Analytical Set	1157640								SM254	10 G-19	97 /MOD
				Con	trolBlk						
Parameter	PrepSet	Reading	MDL	MQL	Units			File			
Total Solids for Dry Wt Conversi	1157640	0			grams			127246166			
				Dup	olicate						
Parameter Parameter	Sample		Result	Unknown	1		Unit		RPD		Limit%
Total Solids for Dry Wt Conversi	2374695		28.5	29.1	_		%		2.08		20.0
Total Solids for Dry Wt Conversi	2374720		87.2	86.4			%		0.922		20.0
TOTAL SOLIDS TOLLDEV WE COUVERS											

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1157723

Analytical Set



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EPA 9056

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Project 1133338

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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

<u>Parameter</u> Nitrate-Nitrite Nitrogen	<i>PrepSet</i> 1157486	Reading ND	<i>MDL</i> 0.00579	<i>MQL</i> 0.0265	<i>Units</i> mg/kg			<i>File</i> 127247726			
				(CCV						
Parameter Nitrate-Nitrite Nitrogen Nitrate-Nitrite Nitrogen		Reading 5.39 5.35	<i>Known</i> 5.30 5.30	Units mg/kg mg/kg	Recover% 102 101 S Dup	Limits% 90.0 - 110 90.0 - 110		File 127247725 127247738			
Parameter	PrepSet	LCS	LCSD	LC.	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Nitrate-Nitrite Nitrogen	1157486	2.96	2.96		2.65	82.0 - 115	112	112	mg/kg	0	20.0
				N	ISD						
<u>Parameter</u> Nitrate-Nitrite Nitrogen	Sample 2374912	<i>MS</i> 6.45	<i>MSD</i> 6.53	<i>UNK</i> 1.13	<i>Known</i> 5.30	<i>Limits</i> 80.0 - 120	<i>MS%</i> 100	<i>MSD%</i> 102	<i>Units</i> mg/kg	<i>RPD</i> 1.49	<i>Limit%</i> 20.0
Analytical Set	1157857									EP	A 6010C
				В	lank						
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File			
Phosphorus	1157629	ND	0.00734	0.100	mg/kg CCV			127250562			
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Phosphorus		1.01	1.00	mg/kg	101	90.0 - 110		127250561			
Phosphorus		1.02	1.00	mg/kg	102	90.0 - 110		127250568			
Phosphorus		1.02	1.00	mg/kg	102	90.0 - 110		127250576			
		D #			ICL .	T. 1. 0/		777			
<u>Parameter</u> Phosphorus		Reading 24.6	<i>Known</i> 25.0	<i>Units</i> mg/kg	Recover% 98.4	<i>Limits%</i> 95.0 - 105		<i>File</i> 127250559			
					ICV	2010 200					
Parameter Parameter		Reading	Known	Units	Recover%	Limits%		File			
Phosphorus		1.03	1.00	mg/kg	103	90.0 - 110		127250560			
				LC	S Dup						
<u>Parameter</u>	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Phosphorus	1157629	18.6	18.8		20.0	80.0 - 120	93.0	94.0	mg/kg	1.07	25.0
Parama at an		Dandina	V		_DR	Limita0/		E4.			
<u>Parameter</u> Phosphorus		Reading 92.5	Known 100	Units mg/kg	Recover% 92.5	<i>Limits</i> % 90.0 - 110		<i>File</i> 127250575			
				N	ISD						
<u>Parameter</u>	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Phosphorus	2375073	4680	4600	4190	413	23.3 - 179	115	96.0	mg/kg	17.8	25.0

Blank

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1157892



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EPA 6010C

Analytical Set

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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

				В	lank						
Parameter	PrepSet	Reading	MDL	MQL	Units			File			
Potassium	1157629	1.85	0.111	0.500	mg/kg			127251190			
				(CCV						
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Potassium		24.3	25.0	mg/kg	97.2	90.0 - 110		127251189			
Potassium		24.5	25.0	mg/kg	98.0	90.0 - 110		127251191			
Potassium		24.6	25.0	mg/kg	98.4	90.0 - 110		127251201			
Potassium		23.7	25.0	mg/kg	94.8	90.0 - 110		127251207			
Potassium		24.2	25.0	mg/kg	96.8	90.0 - 110		127251218			
					ICL						
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File			
Potassium		50.6	50.0	mg/kg	101	95.0 - 105		127251183			
				I	ICV						
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File			
Potassium		23.5	25.0	mg/kg	94.0	90.0 - 110		127251187			
				LC	S Dup						
<u>Parameter</u>	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Potassium	1157629	23.8	21.7		25.0	78.0 - 116	95.2	86.8	mg/kg	9.23	25.0
				L	.DR						
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Potassium		108	100	mg/kg	108	90.0 - 110		127251184			
					ISD						
<u>Parameter</u>	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Potassium	2374082	1760	1720	1160	598	33.6 - 179	86.8	81.0	mg/kg	6.90	25.0
Potassium	2375073	1830	1880	1200	517	33.6 - 179	118	127	mg/kg	7.63	25.0
Analytical Set	1157480									EP	A 9045D
Analytical Sec	1107.00			Duj	olicate						
Parameter	Sample		Result	Unknown	7		Unit		RPD		Limit%
Soil pH Measured in Water	2374695		7.10	7.10			SU		0		20.0
1					ndard						
Parameter	Sample	Reading	Known	Units	Recover%	Limits%		File			
Soil pH Measured in Water	1157480	6.02	6.00	SU	100	90.0 - 110		127242551			
Soil pH Measured in Water	1157480	8.01	8.00	SU	100	90.0 - 110		127242552			
Soil pH Measured in Water	1157480	6.03	6.00	SU	100	90.0 - 110		127242560			
Soil pH Measured in Water	1157480	8.01	8.00	SU	100	90.0 - 110		127242561			
Analytical Set	1157485									Ι	EPA 9050
,,				В	lank						
Parameter	PrepSet	Reading	MDL	MQL	Units			File			
Lab Electrical Conductance at 25	1157485	0.768			umhos/cm			127242616			

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QUALITY CONTROL



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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Duplicate

Parameter Lab Electrical Conductance at 25	Sample 2372122		Result 1460	<i>Unknown</i> 1460			Unit umhos/cm		RPD 0	<i>Limit%</i> 20.0
				IC	CV					
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File		
Lab Electrical Conductance at 25		13200	12900	umhos/cm	102	90.0 - 110		127242619		
				Stan	dard					
<u>Parameter</u>	Sample	Reading	Known	Units	Recover%	Limits%		File		
Lab Electrical Conductance at 25	1157485	1420	1410	umhos/cm	101	90.0 - 110		127242617		
Lab Electrical Conductance at 25	1157485	100	100	umhos/cm	100	90.0 - 110		127242618		
Lab Electrical Conductance at 25	1157485	1410	1410	umhos/cm	100	90.0 - 110		127242628		

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100%

Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same $conditions \ as \ samples; \ carried \ through \ preparation \ and \ analytical \ procedures \ exactly \ like \ a \ sample; \ monitors); \ ICV-Initial \ Calibration \ Verification; \ CCV-Continuing$ (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); LCS Dup Calibration Verification - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD; quantifies accuracy and precision.); MSD -Matrix Spike Duplicate (replicate of the matrix spike; same solution and amount of target analyte added to the MS is added to a third aliquot of sample; quantifies matrix bias and precision.); LDR - Linear Dynamic Range Standard

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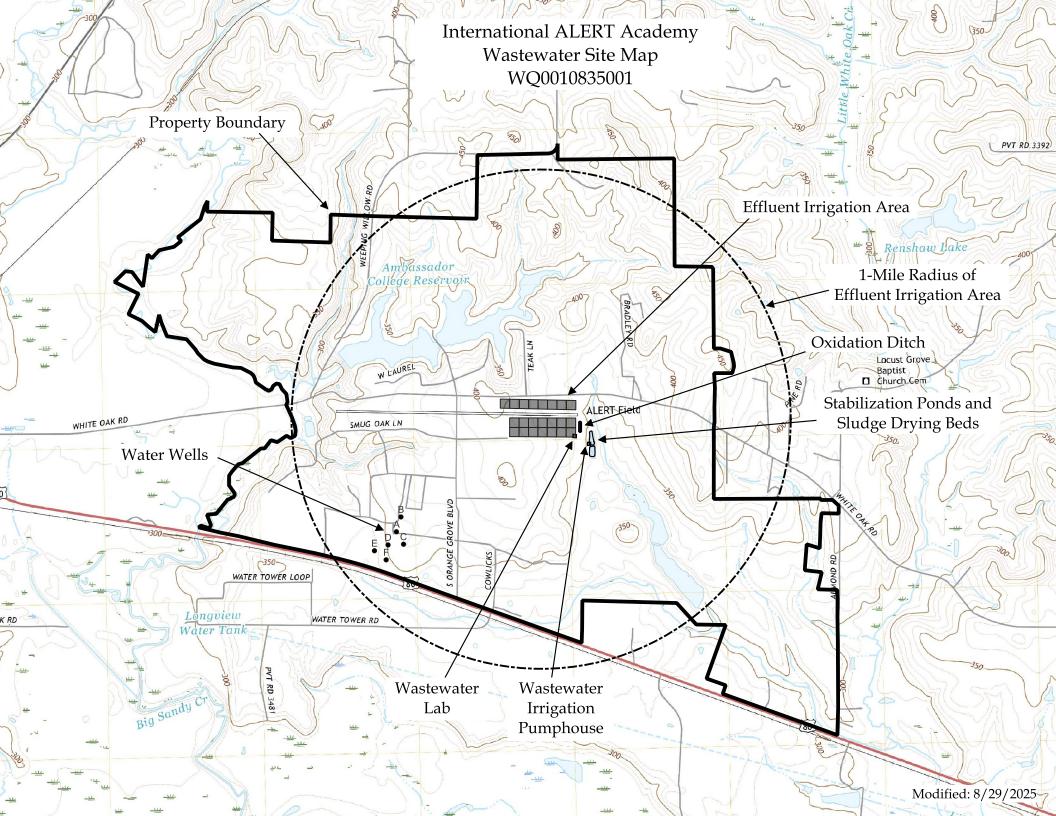
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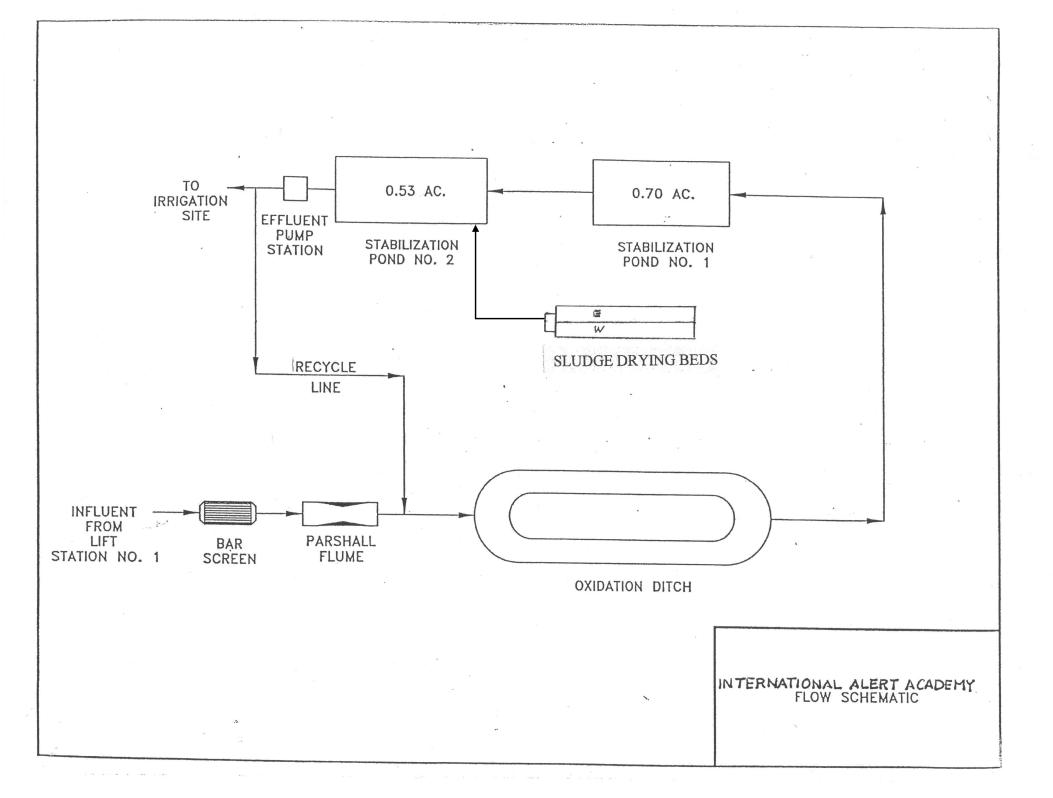
2600 Dudley Rd. K. Office: 903-984-05:	ilgore, Texas 75662 51 * Fax: 903-984-591	1						
CHAIN OF	CUSTODY	•				"mmu"		ience of Sure
International Aler 224-704-0141 - Ja One Academy Blo Big Sandy, TX 75	red rd.			IAA1-A 108 I Sample		hone O Number _	01/15 2025	Page 1 of 2
						Hand De	elivered (Client to Re	egion or LAB
								i i
Matrix: Soli	d & Chemical Ma	tariale						
			2				:	
Sampler Printed Name Sampler Affiliation	Josh I.B.L.P.	ua I.	D ~ L	wer				
Sampler Signature	1.B.L. Y.	Cont	ract	•••	-			
Se	amples Radioactive?	San	nples Contains	Dioxin?		Samples Bio	logical Hs ard?	p
SPL # (Lab Only)	Sample ID			Bottles	Date	Time	Notes	' 1.
1m4909	Zones 11-16	,21-25 0	-6"	1	1/15/25	12:20		
1374911	Zones 11-16,			1	1/15/25	12:20		
1374912	Zones 11-16,			1	1/15/25	12:20		
	1 Glass	4 oz w/Teflon 3018	lined lid Solid Metals D	Digestion		EPA 200.	2 2.8 (180 days)	
	NELAC		Total Kjeldahl	Nitrogen			2 2 CAS:7727-37-9 (2	
	NELAC NELAC		Potassium Phosphorus				0C CAS:7440-09-7 (18 0C CAS:7733-14-0 (18	1, 1
	NELAC		Soil pH Measu	red in Water			5D (180 days)	
	NELAC		Nitrate-Nitrite	•			6 (28.0 days)	
	NELAC 7 N			or Dry Wt Convers	si —————	SM2540	G-1997 /MOD	
	$\begin{bmatrix} 0 \end{bmatrix} Z - \mathbf{N}$	lo bottle requir	ca					

Corporate - Kilgore: 500 Dudley Road Kilgore TX 75662

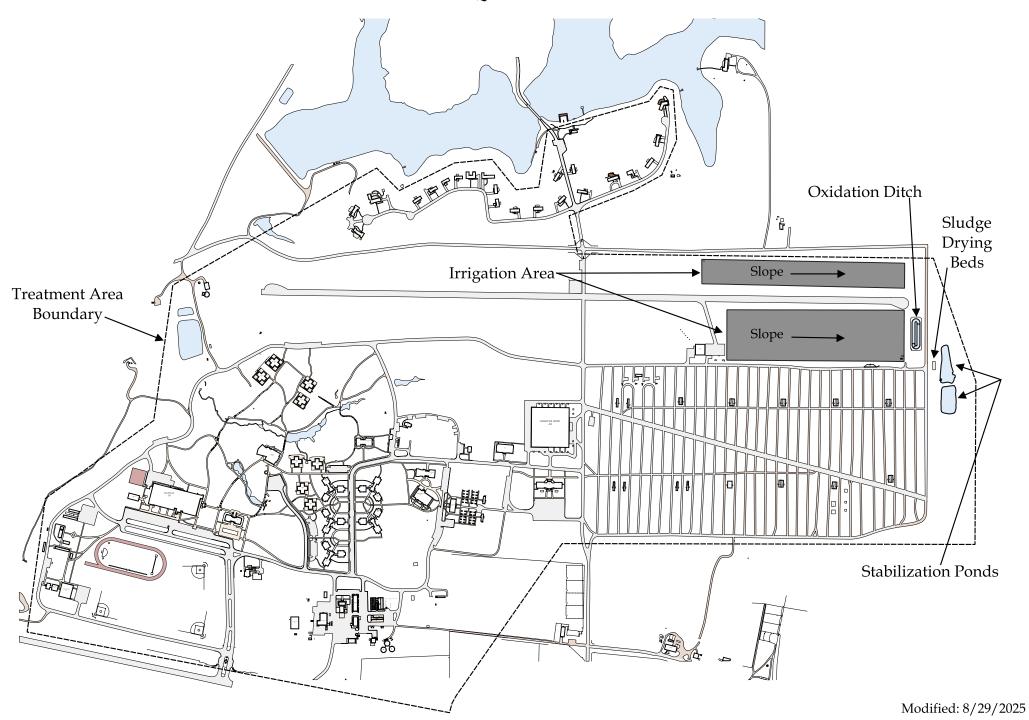
•	ld. Kilgore, Texas 75662 4-0551 * Fax: 903-984-59	914) Si	
CHAIN (OF CUSTOD	Y			Townsmith.		ence of Sure
Internationa 224-704-01 One Acader Big Sandy, 1	my Blvd.		IAA1-A 108		Phone	01/15 2025	Page 2 of 2
			Soil Samp	ole			
	NELAC	Nift ARDW	Nitrogen, Total As Received to Dry Weigh	nt Basis	Calc TKN+	N2+N3 (28.0 days)	
	NELAC 1 4 O	z Plastic or Glas cons	S Lab Electrical Conductance	e at 25	EPA 9050 (28.0 davs)	
Date Time	Relinquis				Received		
1/15/25	Printed Name Joshy	Brewer Affiliation	I.B.L.P.	Printed Name	Tared Pearr	OW Affiliation	TRIP
1330	Signature Ochica	Brewer		Signature	red de	anow	
1/22/25	Printed Name Tar ed	Pearryw Affiliation	on TBLP	Printed Name	ROBERT	Affiliation Affiliation	on 54±
1238	Signature Jarred 6	Pearrow	-	Signature	White.	70.47-0	
1-22-25	Printed Name Robert	Affiliatio	on 8PC	Stiffed Art	Stain W	M Affiliation	on SVL
1405	Signature N. III	1 0400	O, _	Signature	YMAK		
	Printed Name	Affiliatio	on	Printed Name	19100.	Affiliation	on
	Signature			Signature			
NA-LAB shall		on by A - A2LA, N - N es pursuant to our Star	ndard Terms & Condition	under scope of	(available for downle		

			;PI
COOLER	CHECKI	N	
Region/Driver/Client	DDF		
Date / Time:	KFI	()()(0	
Cooler:	1/22	of 1400 /	
Shipping Company:		01	
Temp Label:			
Date Time Temp: 0. U	Techn c		





International ALERT Academy Wastewater Site Drawing WQ0010835001



Rachel Ellis

Rachel Ellis

From: Sent: To: Cc: Subject: Attachments:	IBLP Facilities <facilities@iblp.org> Monday, September 22, 2025 12:14 PM Rachel Ellis jpearrow@iblp.org Re: Application for Renewal Permit No. WQ0010835001-Institute in Basic Life Principles, Inc and International Alert Academy -Notice of Deficiency Letter 2025-06-24_20972_completed.docx; 2025-09-22 10054_MUNI_2024_pg10.pdf; 2025-08-29 SPL Lab Results 1159992.pdf; 2025-09-02 SPL Lab Results 1159451.pdf</facilities@iblp.org>
Rachel,	
Thank you for your letter.	
	was submitted with the application (file name "LANG_2025-06 I have attached it to this email as well.
We did not find any errors or	omissions in the partial NORI.
•	an updated page 10 of the Techincal Report 1.0 with the completed lab corresponding lab results received after the application submission.
Thank you,	
- Benjamin Cahill	
On Mon, Sep 8, 2025 at 3:38 l	PM Rachel Ellis < <u>Rachel.Ellis@tceq.texas.gov</u> > wrote:
Dear Mr. Cahill,	
information needed to d	Deficiency letter sent on September 8, 2025, requests additional declare the application administratively complete. Please send the my attention by September 22, 2025 .
Thank you,	

Texas Commission on Environmental Quality

Water Quality Division

Application Review & Processing Team

Rachel.Ellis@tceq.texas.gov





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

Institute in Basic Life Principles, Inc (CN601567548) operates INTERNATIONAL ALERT ACADEMY (RN101193167), a domestic wastewater treatment facility. The facility is located at 1 Academy Blvd, in Big Sandy, Upshur County, Texas 75755. This application is for a renewal to dispose of treated wastewater at a volume not to exceed a daily average flow of 100,000 gallons per day via irrigation on 38 acres of land. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5) , total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 8. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include bar screens, an oxidation ditch, two sludge drying beds, and two stabilization ponds with a total surface area of 1.23 acres and a total capacity of 5.63 acre-feet for storage of treated effluent prior to irrigation.



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08/29/2025 13:59

IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

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Report Name	Description	<u>Pages</u>
1159992_r02_01_ProjectSamples	SPL Kilgore Project P:1159992 C:IAA1 Project Sample Cross Reference t:304	1
1159992_r03_03_ProjectResults	SPL Kilgore Project P:1159992 C:IAA1 Project Results t:304	1
1159992_r10_05_ProjectQC	SPL Kilgore Project P:1159992 C:IAA1 Project Quality Control Groups	1
1159992_r99_09_CoC1_of_1	SPL Kilgore CoC IAA1 1159992_1_of_1	2
	Total Pages:	5

Email: Kilgore.ProjectManagement@spllabs.com

Survey: How are we doing?





SAMPLE CROSS REFERENCE



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8/29/2025

Page 1 of 1

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Sample	Sample ID	Taken	Time		Received	Received		
2441143	chlorine residual	08/26/2025	14:00:00		08/28/2025			
	Method	Bottle	PrepSet	Preparation	OcGroup	Analytical		
	SM 4500-C1 G-2011	Dottic	1193021	08/26/2025	1193021	08/26/2025		

Email: Kilgore.ProjectManagement@spllabs.com



Page 1 of 1

Project 1159992

Printed: 08/29/2025

IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

RESULTS

					Sample	Res	ults						
	2441143	chlorine residual									Received:	08/28	3/2025
N	Non-Potable Wate	er	Collecte	ed by: RRF	SPL Kil	gore				PO:			
			Taken:	08/26/2025		14:00:0	00						
	SM 4500-C1 G-20	011		Prepared:	1193021	08/2	6/2025	14:00:00	Analyzed	1193021	08/26/2025	14:00:00	RRF
	Parameter			Results	Ui	nits	RL		Flag	S	CAS		Bottle
ELAC	Cl2 Res.,Tota 0.05 mg/L]	l(Onsite)Spec Mid [RL		0.00	mį	g/L	0.05						

Qualifiers:

NEL

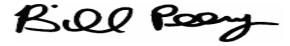
We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.

RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.



Bill Peery, MS, VP Technical Services



Report Page 3 of 6

QUALITY CONTROL



Page 1 of 1

Project 11**59992**

Printed 08/29/2025

IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Analytical Set	1193021								SM 450	0-Cl G-2011
,				Dupl	licate					
<u>Parameter</u>	Sample		Result	Unknown			Unit		RPD	Limit%
C12 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	2441143		0.00	0.00			mg/L			20
Standard										
<u>Parameter</u>	Sample	Reading	Known	Units	Recover%	Limits%		File		
Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	1193021	0.210	0.220	mg/L	95.5	90 - 110				
C12 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	1193021	1.62	1.59	mg/L	101.9	90 - 110				
Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	1193021	2.46	2.73	mg/L	90.1	90 - 110				

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100%

Recover% is Recovery Percent: result / known * 100%

Email: Kilgore.ProjectManagement@spllabs.com



1159992 CoC Print Group 001 of 001

2600 Dudley Rd. Kilgore, Texas 75662

Office: 903-984-0551 * Fax: 903-984-5914 CHAIN OF CUSTODY Printed 08/26/2025 Page 1 of 2 Lab Number 2HHIIN3 International Alert Academy IAA1-A 224-704-0141 - Jared PO Number 117 One Academy Blvd. Phone 903/636-2000 Big Sandy, TX 75755chlorine residual Hand Delivered by Client to Region or LAB Matrix: Non-Potable Water Sample Collection Start Date: 8-26-25 Time: 1400 Sampler Printed Name: ROBERT FOSTER Sampler Affiliation: SP -Sampler Signature: 165 amples Radioactive? Samples Contains Dioxin? | Samples Biological Hazard? 0 On Site Testing NELAC Cl2 Res., Total(Onsite)Spec Mid [RL 0.05 mg/L] SM 4500-Cl G-2011 C12 Res., Total (Onsite) Spec Mid [RL 0.05 mg/L] Collected By RRF Date 8-26-25 Time 1400 Analyzed By RRF Date8 · 26-25 Time 1400 Results 0.00 Units M3/L Temp. ____ C Duplicate 0.00 Units M3/L Temp. ____ C RI 0.00 R2 0.00 QCR1 0.00 QCR2 0.00



Ambient Conditions/Comments

2600 Dudley Rd. Kilgore, Texas 75662 Office: 903-984-0551 * Fax: 903-984-5914



CHAIN OF CUSTODY

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX, 25755IAA1-A 117

1159992 CoC Print Group 001 of 001

Big	Sandy, TX	75755-	
Date	Time	Relinquished	Received
8/		Printed Name Addition SPC	Printed Name McCabe Wheeler - SPL, Inc. Amhation
28/25	1530	Signature Wos	Signup
		Printed Name Affiliation	Printed Name Affiliation
		Signature	Signature
		Printed Name Affiliation	Printed Name Affiliation
		Signature	Signature
		Printed Name Affiliation	Printed Name Attiliation
	100 East 1 110 East 1	Signature	Signature

Sample Received on Ice?	Yes	∏ No		
Cooler/Sample Secure?	Ties .	No	If Shipped: Tracking Number & Temp -	See Attached

The accredited column designates accreditation by A - A2LA, N - NELAC, or z - not listed under scope of accreditation. Unless otherwise specified. SPL shall provide these ordered services pursuant to our Standard Terms & Conditions Agreement. SPL personnel collect samples as specified by SPL SOP #000323.

Comments





Page 1 of 1



IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755Printed 09/02/2025 13:17

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1159451_r10_05_ProjectQC	SPL Kilgore Project P:1159451 C:IAA1 Project Quality Control Groups	6
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	Total Pages:	13

Email: Kilgore.ProjectManagement@spllabs.com

Survey: How are we doing?



Report Page 1 of 14



SAMPLE CROSS REFERENCE



Printed

9/2/2025

Page 1 of 1

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Sample	Sample ID	Taken	Time	Received
2439909	Wastewater Testing	08/22/2025	16:02:00	08/22/2025

Bottle 01 Client supplied plastic

Bottle 02 16 oz HNO3 Metals Plastic, Q

Bottle 03 8 oz Plastic H2SO4 pH < 2, Q

Bottle 04 BOD Titration Beaker A (Batch 1192054) Volume: 100.00000 mL <= Derived from 01 (100 ml)

Bottle 05 BOD Analytical Beaker B (Batch 1192054) Volume: 100.00000 mL <= Derived from 01 (100 ml)

 $Bottle\ 06\ Prepared\ Bottle:\ TKN\ TRAACS\ Autosampler\ Vial\ (Batch\ 1192086)\ Volume:\ 20.00000\ mL <==\ Derived\ from\ 03\ (\ 20\ ml\)$

Bottle 07 Prepared Bottle: ICP Preparation for Metals (Batch 1192108) Volume: 50.00000 mL <= Derived from 02 (50 ml) Bottle 08 Prepared Bottle: NH3N TRAACS Autosampler Vial (Batch 1192098) Volume: 6.00000 mL <= Derived from 03 (6 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 300.0 2.1	01	1192358	08/25/2025	1192358	08/25/2025
EPA 200.7 4.4	07	1192108	08/25/2025	1192226	08/25/2025
SM 5210 B-2016 (TCMP Inhibitor)	01	1192054	08/28/2025	1192054	08/28/2025
SM 2510 B-2011	01	1192347	08/26/2025	1192347	08/26/2025
EPA 350.1 2	08	1192098	08/25/2025	1192451	08/26/2025
SM 2540 C-2020	01	1192815	08/26/2025	1192815	08/26/2025
EPA 351.2 2	06	1192086	08/25/2025	1192165	08/25/2025
SM2540 G-2020 /MOD	01	1192372	08/25/2025	1192372	08/25/2025
SM 2540 D-2020	01	1192621	08/26/2025	1192621	08/26/2025
SM 4500-H+ B-2011	01	1192184	08/25/2025	1192184	08/25/2025

Email: Kilgore.ProjectManagement@spllabs.com



IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed: 09/02/2025

RESULTS

					Sample	Resu	ılts						
	2439909	Wastewater Testi	ing								Received:	08/22	2/2025
No	on-Potable Wate	er	Collected by	y: Client 8/22/2025	Internation	onal Al				PO:			
EP	PA 200.7 4.4			Prepared:	1192108	08/25	5/2025	07:00:00	Analyzed 1	192226	08/25/2025	13:35:00	AN
	Parameter			Results	Uı	nits	RL		Flags		CAS		Bottle
LAC	Phosphorus			4.00	mg	g/L	0.040				7723-14-0		07
EF	PA 300.0 2.1			Prepared:	1192358	08/25	5/2025	20:18:00	Analyzed 1	192358	08/25/2025	20:18:00	KR.
	Parameter			Results	Uı	nits	RL		Flags		CAS		Bottle
LAC	Chloride			31.6	mg	•	3.00						01
LAC	Nitrate-Nitrog	en Total		<0.226	mg		0.226		Н		14797-55-8		01
LAC	Sulfate			41.0	mg	z/L	3.00						01
EP	PA 350.1 2			Prepared:	1192098	08/25	5/2025	08:59:19	Analyzed 1	192451	08/26/2025	08:18:00	AM
_	Parameter			Results	Uı	nits	RL		Flags		CAS		Bottle
ELAC	Ammonia Nit	rogen		<0.020	mg	g/L	0.020						08
EF	PA 351.2 2			Prepared:	1192086	08/25	5/2025	08:10:01	Analyzed 1	192165	08/25/2025	09:33:00	AM
-	Parameter			Results	Uı	nits	RL		Flags		CAS		Bottle
LAC	Total Kjeldah	l Nitrogen		5.76	mg	₂ /L	0.050				7727-37-9		06
SA	A 2510 B-2011			Prepared:	1192347	08/26	5/2025	10:37:00	Analyzed 1	192347	08/26/2025	10:37:00	EEE
-	Parameter			Results	Uı	nits	RL		Flags		CAS		Bottle
ELAC	Lab Spec. Con	nductance at 25 C		469	um cm	nhos/ n							01
SA	A 2540 C-2020			Prepared:	1192815	08/26	5/2025	15:05:00	Analyzed 1	192815	08/26/2025	15:05:00	JME
-	Parameter			Results	Uı	nits	RL		Flags		CAS		Bottle



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IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Page 2 of 4 Project 1159451

Printed: 09/02/2025

2439909	Wastewater Testing	Received:	08/22/2025
---------	--------------------	-----------	------------

Non-Potable Water Collected by: Client International Alert PO:

Taken: 08/22/2025 16:02:00

A 2540 C-2020	Prepared:	1192815	08/20	6/2025	15:05:00	Analyzed 119281.	5 08/26/2025	15:05:00	JMB
Parameter	Results	Uı	nits	RL		Flags	CAS		Bottle
Total Dissolved Solids	288	mg	₂ /L	10.0					01
A 2540 D-2020	Prepared:	1192621	08/20	6/2025	06:25:00	Analyzed 119262	1 08/26/2025	06:25:00	LSM
Parameter	Results	Uı	nits	RL		Flags	CAS		Bottle
Total Suspended Solids	32.0	mg	g/L	13.3					01
Л 4500-H+ B-2011	Prepared:	1192184	08/2	5/2025	13:06:00	Analyzed 119218	4 08/25/2025	13:06:00	EEB
Parameter	Results	Uı	nits	RL		Flags	CAS		Bottle
Laboratory pH	7.2 @20C	SU	J	2.00					01
A 5210 B-2016 (TCMP Inhibitor)	Prepared:	1192054	08/2.	3/2025		Analyzed 119205	4 08/28/2025	10:11:36	JW1
Parameter	Results	Uı	nits	RL		Flags	CAS		Bottle
BOD Carbonaceous	8.64	mg	g/L	3.00					01
Л2540 G-2020 /MOD	Prepared:	1192372	08/2	5/2025	16:34:00	Analyzed 119237.	2 08/25/2025	16:34:00	BEK
Parameter	Results	Uı	nits	RL		Flags	CAS		Bottle
Total Solids for Dry Wt Conversi	0.0393	%		0.010					01
	Parameter Total Dissolved Solids 1 2540 D-2020 Parameter Total Suspended Solids 1 4500-H+ B-2011 Parameter Laboratory pH 1 5210 B-2016 (TCMP Inhibitor) Parameter BOD Carbonaceous 12540 G-2020 /MOD Parameter	Parameter Total Dissolved Solids 288 1 2540 D-2020 Prepared: Parameter Results Total Suspended Solids 32.0 1 4500-H+ B-2011 Prepared: Parameter Results Laboratory pH 7.2 @20C 1 5210 B-2016 (TCMP Inhibitor) Prepared: Parameter Results BOD Carbonaceous 8.64 Prepared: Parameter Results Results Results	Parameter Results Un Total Dissolved Solids 288 mg Il 2540 D-2020 Prepared: 1192621 Parameter Results Un Total Suspended Solids 32.0 mg Il 4500-H+ B-2011 Prepared: 1192184 Parameter Results Un Laboratory pH 7.2 @20C SU Il 5210 B-2016 (TCMP Inhibitor) Prepared: 1192054 Parameter Results Un BOD Carbonaceous 8.64 mg 12540 G-2020 /MOD Prepared: 1192372 Parameter Results Un Parameter Results Un	Parameter Results Units Total Dissolved Solids 288 mg/L Il 2540 D-2020 Prepared: 1192621 08/20 Parameter Results Units Total Suspended Solids 32.0 mg/L Il 4500-H+ B-2011 Prepared: 1192184 08/2 08/2 Parameter Results Units Laboratory pH 7.2 @20C SU Il 5210 B-2016 (TCMP Inhibitor) Prepared: 1192054 08/2 Parameter Results Units BOD Carbonaceous 8.64 mg/L Il 2540 G-2020 /MOD Prepared: 1192372 08/2 Parameter Results Units	Parameter Results Units RL Total Dissolved Solids 288 mg/L 10.0 # 2540 D-2020 Prepared: 1192621 08/26/2025 Parameter Results Units RL Total Suspended Solids 32.0 mg/L 13.3 # 4500-H+ B-2011 Prepared: 1192184 08/25/2025 Parameter Results Units RL Laboratory pH 7.2 @20C SU 2.00 # 5210 B-2016 (TCMP Inhibitor) Prepared: 1192054 08/23/2025 Parameter Results Units RL BOD Carbonaceous 8.64 mg/L 3.00 #2540 G-2020 /MOD Prepared: 1192372 08/25/2025 Parameter Results Units RL #2540 G-2020 /MOD Prepared: 1192372 08/25/2025	Parameter Results Units RL Total Dissolved Solids 288 mg/L 10.0 #1 2540 D-2020 Prepared: 1192621 08/26/2025 06:25:00 Parameter Results Units RL Total Suspended Solids 32.0 mg/L 13.3 #4 500-H+ B-2011 Prepared: 1192184 08/25/2025 13:06:00 Parameter Results Units RL Laboratory pH 7.2 @20C SU 2.00 # 5210 B-2016 (TCMP Inhibitor) Prepared: 1192054 08/23/2025 16:34:00 # Parameter Results Units RL BOD Carbonaceous 8.64 mg/L 3.00 # 2540 G-2020 /MOD Prepared: 1192372 08/25/2025 16:34:00 16:34:00 # Parameter Results Units RL	Parameter Results Units RL Flags Total Dissolved Solids 288 mg/L 10.0 12540 D-2020 Prepared: 1192621 08/26/2025 06:25:00 Analyzed 1192621 Parameter Results Units RL Flags Total Suspended Solids 32.0 mg/L 13.3 1 4500-H+ B-2011 Prepared: 1192184 08/25/2025 13:06:00 Analyzed 1192184 Parameter Results Units RL Flags Laboratory pH 7.2 @20C SU 2.00 Analyzed 1192054 I 5210 B-2016 (TCMP Inhibitor) Prepared: 1192054 08/23/2025 Analyzed 1192054 Parameter Results Units RL Flags BOD Carbonaceous 8.64 mg/L 3.00 Analyzed 1192372 Parameter Results Units RL Flags Flags	Parameter Results Units RL 10.0 Flags CAS CAS Total Dissolved Solids 288 mg/L 10.0 10.0 Inches Inches	Parameter Results Units RL Flags CAS Total Dissolved Solids 288 mg/L 10.0 <td< td=""></td<>

Sample Preparation

2439909 Wastewater Testing 08/22/2025 Received:

08/22/2025

Prepared: 08/22/2025 17:01:35 Calculated 08/22/2025 17:01:35 CAL



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Office: 903-984-0551 * Fax: 903-984-5914



IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed: 09/02/2025

2439909 Wastewater Testing *Received:* 08/22/2025

08/22/2025

	Pr	epared:		08/22/2025	17:01:35	Calculated		08/22/2025	17:01:35	CAL
z Enviro Fee (per Sampling G	roup) Veri	fied								
EPA 200.2 2.8	Pr	epared:	1192108	08/25/2025	07:00:00	Analyzed	1192108	08/25/2025	07:00:00	AMC
z Liquid Metals Digestion	50/5	0	ml							02
EPA 350.1, Rev. 2.0	Pr	epared:	1192098	08/25/2025	08:59:19	Analyzed	1192098	08/25/2025	08:59:19	CMS
NELAC Ammonia Distillation	6/6		ml							03
EPA 351.2, Rev 2.0	Pr	epared:	1192086	08/25/2025	08:10:01	Analyzed	1192086	08/25/2025	08:10:01	MEG
NELAC TKN Block Digestion	20/2	0	ml							03
SM 2540 C-2015	Pr	epared:	1192446	08/26/2025	15:05:00	Analyzed	1192446	08/26/2025	15:05:00	JMB
NELAC Total Dissolved Solids Start	ted Start	æd								
SM 2540 D-2011	Pr	epared:	1191316	08/26/2025	06:25:00	Analyzed	1191316	08/26/2025	06:25:00	LSM
NELAC TSS Set Started	Start	æd								
SM 2540 G-1997	Pr	epared:	1192238	08/25/2025	16:34:00	Analyzed	1192238	08/25/2025	16:34:00	BEK
NELAC Total Solids Start Code	Start	æd								



Report Page 5 of 14



IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-



Printed: 09/02/2025

2439909 Wastewater Testing *Received:* 08/22/2025

08/22/2025

SM 5210 B-2016 (TCMP Inhibitor) Prepared: 1192054 08/23/2025 Analyzed 1192054 08/23/2025 06:38:08 JW1

NELAC BODc Set Started Started

Qualifiers:

H - Sample started outside recommended holding time

We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.

RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical

RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.



Bill Peery, MS, VP Technical Services



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Project 1159451

Printed 09/02/2025

IAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

								Printed	09/02/202:	5
Analytical Set	1192054							SM 5210) B-2 016 (7	TCMP Inhibitor)
				E	Blank					
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File		
BOD Carbonaceous	1192054	0.08	0.200	0.500	mg/L			127987112		
					plicate					
Parameter BOD Carbonaceous	Sample 2439700		Result 558	Unknow 523	71		<i>Unit</i> mg/L		<i>RPD</i> 6.48	<i>Limit%</i> 30.0
Dob curconaccous	2103700				ed Drop		<i>g</i> .2		0.10	50.0
Parameter	PrepSet	Reading	MDL	MQL	Units			File		
BOD Carbonaceous	1192054	0.370	0.200	0.500	mg/L			127987114		
				Sta	andard					
<u>Parameter</u>	Sample	Reading	Known	Units	Recover%	Limits%		File		
BOD Carbonaceous		208	198	mg/L	105	83.7 - 116		127987115		
Analytical Set	1192165									EPA 351.2 2
				AWR	RL/LOQ C					
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File		
Total Kjeldahl Nitrogen		0.054	0.050	mg/L	108	75.0 - 125		127989912		
				E	Blank					
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units -			File		
Total Kjeldahl Nitrogen	1192086	ND	0.00712	0.050	mg/L			127989908		
					ССВ					
<u>Parameter</u> Total Kjeldahl Nitrogen	<i>PrepSet</i> 1192086	Reading ND	<i>MDL</i> 0.00712	MQL 0.050	Units mg/L			<i>File</i> 127989915		
Total Kjeldahl Nitrogen	1192165	ND	0.00712	0.050	mg/L mg/L			127989915		
					ccv					
Parameter		Reading	Known	Units	Recover%	Limits%		File		
Total Kjeldahl Nitrogen		5.09	5.00	mg/L	102	90.0 - 110		127989832		
Total Kjeldahl Nitrogen		5.05	5.00	mg/L	101	90.0 - 110		127989842		
Total Kjeldahl Nitrogen		5.08	5.00	mg/L	102	90.0 - 110		127989854		
Total Kjeldahl Nitrogen		5.09	5.00	mg/L	102	90.0 - 110		127989898		
Total Kjeldahl Nitrogen		5.05	5.00	mg/L	101	90.0 - 110		127989909		
Total Kjeldahl Nitrogen		5.06	5.00	mg/L	101	90.0 - 110		127989920		
Total Kjeldahl Nitrogen		5.07	5.00	mg/L	101	90.0 - 110		127989926		
Daramatar	G1-		Dag. 14	Unknow	plicate		I Init		p p D	Limit%
<u>Parameter</u> Total Kjeldahl Nitrogen	Sample 2437513		Result ND	ND	n		<i>Unit</i> mg/L		RPD	20.0
	213/313		.,_		ICV					20.0
Parameter Parameter		Reading	Known	Units	Recover%	Limits%		File		
Total Kjeldahl Nitrogen		5.45	5.00	mg/L	109	90.0 - 110		127989831		

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				LCS	Dup						
<u>Parameter</u>	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Total Kjeldahl Nitrogen	1192086	5.03	4.88		5.00	90.0 - 110	101	97.6	mg/L	3.03	20.0
				Mat.	Spike						
<u>Parameter</u>	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File			
Total Kjeldahl Nitrogen	2437513	5.03	ND	5.00	mg/L	101	80.0 - 120	127989916			
Analytical Set 1	192451									EPA	350.1 2
,				Bla	ank						
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File			
Ammonia Nitrogen	1192098	ND	0.00336	0.020	mg/L			127998891			
				C	CV						
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File			
Ammonia Nitrogen		2.16	2.00	mg/L	108	90.0 - 110		127998798			
Ammonia Nitrogen		2.12	2.00	mg/L	106	90.0 - 110		127998808			
Ammonia Nitrogen		2.12	2.00	mg/L	106	90.0 - 110		127998819			
Ammonia Nitrogen		2.09	2.00	mg/L	104	90.0 - 110		127998830			
Ammonia Nitrogen		2.05	2.00	mg/L	102	90.0 - 110		127998839			
Ammonia Nitrogen		2.00	2.00	mg/L	100	90.0 - 110		127998850			
Ammonia Nitrogen		2.02	2.00	mg/L	101	90.0 - 110		127998857			
Ammonia Nitrogen		2.05	2.00	mg/L	102	90.0 - 110		127998866			
Ammonia Nitrogen		2.05	2.00	mg/L	102	90.0 - 110		127998876			
Ammonia Nitrogen		2.05 2.05	2.00 2.00	mg/L	102 102	90.0 - 110 90.0 - 110		127998887 127998897			
Ammonia Nitrogen Ammonia Nitrogen		2.03	2.00	mg/L mg/L	102	90.0 - 110		127998997			
Ammonia Nitrogen		2.03	2.00	mg/L mg/L	102	90.0 - 110		127998919			
Ammonia Nitrogen		2.03	2.00	mg/L mg/L	102	90.0 - 110		127998930			
Ammonia Nitrogen		2.03	2.00	mg/L mg/L	102	90.0 - 110		127998937			
Ammonia (Wogen		2.03	2.00	-	licate	70.0 110		12/330337			
Parameter	Sample		Result	Unknown			Unit		RPD		Limit%
Ammonia Nitrogen	2439852		0.096	0.128			mg/L		28.6	*	20.0
Ammonia Nitrogen	2439854		ND	ND			mg/L		20.0		20.0
					cv		<i>_</i> \$_				
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Ammonia Nitrogen		2.20	2.00	mg/L	110	90.0 - 110		127998797			
					Dup						
<u>Parameter</u>	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Ammonia Nitrogen	1192098	1.96	2.06		2.00	90.0 - 110	98.0	103	mg/L	4.98	20.0
				Mat.	Spike						
<u>Parameter</u>	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File			
Ammonia Nitrogen	2439852	2.17	0.128	2.00	mg/L	102	80.0 - 120	127998896			
Ammonia Nitrogen	2439854	2.05	ND	2.00	mg/L	102	80.0 - 120	127998901			

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від Sandy, 1X 75755	-							Printed	09/02/2025	
Analytical Set	1192372								SM2540 G	-2020 /MOD
				Con	trolBlk					
<u>Parameter</u> Total Solids for Dry Wt Conversi	<i>PrepSet</i> 1192372	Reading 0.0001	MDL	MQL	Units grams			<i>File</i> 127995561		
				Dup	olicate					
Parameter Total Solids for Dry Wt Conversi Total Solids for Dry Wt Conversi	Sample 2439876 2439947		<i>Result</i> 99.9 85.1	<i>Unknown</i> 99.9 85.0	1		<i>Unit</i> %		RPD 0 0.118	Limit% 20.0 20.0
Analytical Set	1192621								SM	2540 D-2020
,				В	lank					
<u>Parameter</u> Total Suspended Solids	PrepSet 1192621	Reading ND	<i>MDL</i> 2	<i>MQL</i> 2	Units mg/L			File 128002389		
				Con	trolBlk					
Parameter Total Suspended Solids	<i>PrepSet</i> 1192621	Reading 0	MDL	MQL	Units grams			File 128002388		
				Dup	olicate					
<u>Parameter</u> Total Suspended Solids Total Suspended Solids	Sample 2439909 2439950		30.7 11.4	Unknown 32.0 10.6	1		<i>Unit</i> mg/L mg/L		<i>RPD</i> 4.15 7.27	Limit% 20.0 20.0
					.CS		-6 -		,,_,	
Parameter Total Suspended Solids	<i>PrepSet</i> 1192621	Reading 50.0		Known 50.0	Units mg/L	Recover%	<i>Limits</i> 90.0 - 110	<i>File</i> 128002407		
•				Sta	ndard					
<u>Parameter</u> Total Suspended Solids	Sample	Reading 104	Known 100	Units mg/L	Recover% 104	<i>Limits%</i> 90.0 - 110		File 128002406		
Analytical Set	1192815								SM	2540 C-2020
,				В	lank					
<u>Parameter</u> Total Dissolved Solids	PrepSet 1192815	Reading ND	<i>MDL</i> 5.00	MQL 5.00	Units mg/L			File 128006951		
	P 0	- ·			trolBlk			77/1		
Parameter Total Dissolved Solids	PrepSet 1192815	Reading 0	MDL	MQL	Units grams			File 128006938		
_				_	olicate					
Parameter Total Dissolved Solids	Sample 2439909		Result 290	Unknown 288			Unit mg/L		<i>RPD</i> 0.692	<i>Limit%</i> 20.0
_					.CS					
Parameter Total Dissolved Solids	PrepSet 1192815	Reading 194		Known 200	Units mg/L	<i>Recover%</i> 97.0	<i>Limits</i> 85.0 - 115	File 128006939		

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International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

								Timed	05/02/202		
Analytical Set	1192358									EPA	300.0 2.1
				AWR	L/LOQ C						
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Nitrate-Nitrogen Total		0.023	0.0226	mg/L	102	70.0 - 130		127995373			
				В	lank						
Parameter	PrepSet	Reading	MDL	MQL	Units			File			
Chloride	1192358	0.0603	0.0213	0.300	mg/L			127995374			
Nitrate-Nitrogen Total	1192358	ND	0.00655	0.0226	mg/L			127995374			
Sulfate	1192358	ND	0.283	0.300	mg/L			127995374			
				(ССВ						
Parameter	PrepSet	Reading	MDL	MQL	Units			File			
Chloride	1192358	0.059	0.0213	0.300	mg/L			127995370			
Chloride	1192358	0.0668	0.0213	0.300	mg/L			127995390			
Chloride	1192358	0.299	0.0213	0.300	mg/L			127995402			
Nitrate-Nitrogen Total	1192358	0.00488	0.00655	0.0226	mg/L			127995370			
Nitrate-Nitrogen Total	1192358	0.00488	0.00655	0.0226	mg/L			127995390			
Nitrate-Nitrogen Total	1192358	0.0621	0.00655	0.0226	mg/L		*	127995402			
Sulfate	1192358	0	0.283	0.300	mg/L			127995370			
Sulfate	1192358	0	0.283	0.300	mg/L			127995390			
Sulfate	1192358	0	0.283	0.300	mg/L			127995402			
				(CCV						
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Chloride		10.0	10.0	mg/L	100	90.0 - 110		127995369			
Chloride		10.1	10.0	mg/L	101	90.0 - 110		127995389			
Chloride		10.0	10.0	mg/L	100	90.0 - 110		127995401			
Nitrate-Nitrogen Total		2.24	2.26	mg/L	99.1	90.0 - 110		127995369			
Nitrate-Nitrogen Total		2.24	2.26	mg/L	99.1	90.0 - 110		127995389			
Nitrate-Nitrogen Total		2.25	2.26	mg/L	99.6	90.0 - 110		127995401			
Sulfate		9.39	10.0	mg/L	93.9	90.0 - 110		127995369			
Sulfate		9.34	10.0	mg/L	93.4	90.0 - 110		127995389			
Sulfate		9.35	10.0	mg/L	93.5	90.0 - 110		127995401			
				LC:	S Dup						
Parameter Parameter	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Chloride	1192358	4.82	4.83		5.00	85.0 - 115	96.4	96.6	mg/L	0.207	20.0
Nitrate-Nitrogen Total	1192358	1.08	1.08		1.13	86.3 - 117	95.6	95.6	mg/L	0	20.0
Sulfate	1192358	4.69	4.68		5.00	85.4 - 124	93.8	93.6	mg/L	0.213	20.0
				N	ISD						
Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Chloride	2438150	27.5	27.7	17.6	10.0	80.0 - 120	99.0	101	mg/L	2.00	20.0
Nitrate-Nitrogen Total	2438150	2.32	2.31	0.0691	2.26	80.0 - 120	99.6	99.2	mg/L	0.445	20.0
Sulfate	2438150	43.6	44.7	32.8	10.0	80.0 - 120	108	119	mg/L	9.69	20.0
Chloride	2438151	21.8	21.8	11.2	10.0	80.0 - 120	106	106	mg/L	0	20.0
Nitrate-Nitrogen Total	2438151	2.08	2.10	0.108	2.26	80.0 - 120	87.3	88.1	mg/L	1.01	20.0

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MSD

<u>Parameter</u> Sulfate		Sample 2438151	<i>MS</i> 48.6	MSD 48.1	<i>UNK</i> 36.6	<i>Known</i> 10.0	<i>Limits</i> 80.0 - 120	<i>MS%</i> 120	<i>MSD%</i> 115	Units mg/L	<i>RPD</i> 4.26	<i>Limit%</i> 20.0
	Analytical Set	1192226									EPA	200.7 4.4
					В	Blank						
<u>Parameter</u>		PrepSet	Reading	MDL	MQL	Units			File			
Phosphorus		1192108	ND	0.0353	0.040	mg/L			127991793			
					•	CCV						
<u>Parameter</u>			Reading	Known	Units	Recover%	Limits%		File			
Phosphorus			0.975	1.00	mg/L	97.5	90.0 - 110		127991788			
Phosphorus			1.00	1.00	mg/L	100	90.0 - 110		127991792			
Phosphorus			1.02 0.993	1.00 1.00	mg/L	102 99.3	90.0 - 110 90.0 - 110		127991802 127991812			
Phosphorus Phosphorus			1.01	1.00	mg/L mg/L	99.5 101	90.0 - 110		127991812			
Thosphorus			1.01	1.00	-	ICL	70.0 110		12/331010			
Parameter			Reading	Known	Units	Recover%	Limits%		File			
Phosphorus			24.8	25.0	mg/L	99.2	95.0 - 105		127991786			
						ICV						
Parameter			Reading	Known	Units	Recover%	Limits%		File			
Phosphorus			0.996	1.00	mg/L	99.6	90.0 - 110		127991787			
					LC	S Dup						
<u>Parameter</u>		PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Phosphorus		1192108	3.98	4.06		4.00	85.0 - 115	99.5	102	mg/L	1.99	25.0
					ľ	MSD						
<u>Parameter</u>		Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Phosphorus		2439733	4.05	4.05	ND	4.00	75.0 - 125	101	101	mg/L	0	25.0
	Analytical Set	1192184								SM	4500-H	+ B-2011
	,				Du	plicate						
Parameter		Sample		Result	Unknow	n		Unit		RPD		Limit%
Laboratory pH		2439687		6.80	6.70			SU		1.48		20.0
					Sta	andard						
<u>Parameter</u>		Sample	Reading	Known	Units	Recover%	Limits%		File			
Laboratory pH		1192184	6.04	6.00	SU	101	90.0 - 110		127990841			
Laboratory pH		1192184	8.02	8.00	SU	100	90.0 - 110		127990842			
Laboratory pH		1192184	6.06	6.00	SU	101	90.0 - 110		127991064			
Laboratory pH		1192184	8.04	8.00	SU	100	90.0 - 110		127991065			
	Analytical Set	1192347									SM 251	0 B-2011
					В	lank						
<u>Parameter</u>		PrepSet	Reading	MDL	MQL	Units			File			
_		•	_		-							

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TAA1-A

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Blank

				5.0						
<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units			File		
Lab Spec. Conductance at 25 C	1192347	0.699			umhos/cm			127994671		
				Dupl	icate					
<u>Parameter</u>	Sample		Result	Unknown			Unit		RPD	Limit%
Lab Spec. Conductance at 25 C	2439909		469	469			umhos/cm		0	20.0
ICV										
<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%		File		
Lab Spec. Conductance at 25 C		13000	12900	umhos/cm	101	90.0 - 110		127994674		
				Stan	dard					
<u>Parameter</u>	Sample	Reading	Known	Units	Recover%	Limits%		File		
Lab Spec. Conductance at 25 C	1192347	1430	1410	umhos/cm	101	90.0 - 110		127994672		
Lab Spec. Conductance at 25 C	1192347	100	100	umhos/cm	100	90.0 - 110		127994673		
Lab Spec. Conductance at 25 C	1192347	1430	1410	umhos/cm	101	90.0 - 110		127994677		

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100%

Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors); CCB - Continuing Calibration Blank; CCV - Continuing alibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); ICV -

Initial Calibration Verification; LCS Dup - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD;

quantifies accuracy and precision.); AWRL/LOQ C - Ambient Water Reporting Limit/LOQ Check Std; MSD - Matrix Spike Duplicate

(replicate of the matrix spike; same

solution and amount of target analyte added to the MS is added to a third aliquot of sample; quantifies matrix bias and precision.); LCS - Laboratory Control Sample (reagent water or other blank matrices that is spiked with a known quantity of target analyte(s) and carried through preparation and analytical procedures exactly like a sample; typically a mid-range concentration; verifies that bias and precision of the analytical process are within control limits; determines usability of the data.)

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2600 Dudley Rd. Kilgore, Texas 75662 Office: 903-984-0551 * Fax: 903-984-5914



CHAIN OF CUSTODY

International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

Wastewater Testing

Hand Delivered by Client to Region or LAB

Matrix: Non-	-Potable Wa	ter		8/22	1157	<u></u>	
Sample Collection Start				Date	Time	Tech	
Date: 8/22/25	Time: 16	02	_	Temp:	1.0/1.1	c	
Sampler Printed Name:	Jared Pe	arrow	_	Therm#: 6	443 Corr Fac	ct: 0.4 C	
Sampler Affiliation: <u>E</u>	mployee	>	_				
Sampler Signature:	red &	Earro	w				
Samples Radios	ctive?		Samples Contains Di	ioxin?		Samples Biological Hazard?	
	1 Pol	yethylene	1/2 gal (White), Q				
NELAC	Short Hold	BODc	BOD Carbonaceous		SM 5210 B	-2016 (TCMP Inhibitor) (2.04 days)	
NELAC		TSS	Total Suspended Solids		SM 2540 D	-2020 (7.00 days)	
	1 HN	IO3 to pH	<2 Polyethylene 500	mL for Me	etals, Q		
NELAC		*PI	Phosphorus			4.4 CAS:7723-14-0 (28.0 days)	
		301L	Liquid Metals Digestion		EPA 200.2	2.8 (180 days)	
	1 H2	SO4 to nH	[<2 250 ml Polyethy	lene O			
NELAC	1 112	NHaN	Ammonia Nitrogen	ione, Q	EPA 350.1	2 (28.0 days)	
NELAC		TKN	Total Kjeldahl Nitrogen		EPA 351.2	2 CAS:7727-37-9 (28.0 days)	
	1 Gla	ass Qt					
NELAC		CONS	Lab Electrical Conductance	at 25	EPA 9050 ((28.0 days)	
	1 Pol	lyethylene	Owert O				
NELAC	l Pol	!CIL	Chloride		EPA 300.0	2.1 (28.0 days)	
NELAC		1N3S	Nitrate-Nitrogen		EPA 300.0,	, Rev. 2.1 CAS:14797-55-8 (28.0 days)	

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 7566

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 75662
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CHAIN OF CUSTODY

IAA1-A International Alert Academy 224-704-0141 - Jared One Academy Blvd. Big Sandy, TX 75755-

903/636-2000 Phone

08/22/2025

NELAC

!S4L pHLL

Laboratory pH

Total Dissolved Solids

Sulfate

EPA 300.0 2.1 (28.0 days) SM 4500-H+ B-2011

NELAC

NELAC

TDS

SM 2540 C-2020 (7.00 days)

Printed

Ambient Conditions/Comments

/ timorem c	conditions comments				
Date Time		Relinquished	Date Time	Received	
8/72/20	Jared Pearrow	EMPlovee	8/20/25	Printed Name Andy Owens - SPL, Inc.	Affiliation
1619	Fared Pearro		1652	Signature	
10.0	Printed Name	Affiliation		Printed Name	Affiliation
	Signature	-		Signature	
	Printed Name	Affiliation		Printed Name	Affiliation
	Signature		·	Signature	
	Printed Name	Affiliation		Printed Name	Affiliation
	Signature			Signature	
	eceived on Ice? Yes mple Secure? Yes	No No If Shipped: Tracking Number	& Temp - See A	Attached	

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The accredited column designates accreditation by A - A2LA, N - NELAC, or z - not listed under scope of accreditation. Unless otherwise specified, ANA-LAB shall provide these ordered services pursuant to our Standard Terms & Conditions Agreement (available for download from the welcome page at http://www.ana-lab.com), Ana-Lab personnel collect samples as specified by Ana-Lab SOP #000323.

Comments

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 75662

Form rptcoc2SPL Created 02/21/20 Report Page 14 of 14

Table 1.0(2) - Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	8.64	8.64	1	Grab	8/22/2025
Total Suspended Solids, mg/l	32.0	32.0	1	Grab	8/22/2025
Ammonia Nitrogen, mg/l	<0.020	<0.020	1	Grab	8/22/2025
Nitrate Nitrogen, mg/l	<0.226	<0.226	1	Grab	8/22/2025
Total Kjeldahl Nitrogen, mg/l	5.76	5.76	1	Grab	8/22/2025
Sulfate, mg/l	41.0	41.0	1	Grab	8/22/2025
Chloride, mg/l	31.6	31.6	1	Grab	8/22/2025
Total Phosphorus, mg/l	4.00	4.00	1	Grab	8/22/2025
pH, standard units	7.2	7.2	1	Grab	8/22/2025
Dissolved Oxygen*, mg/l	N/A	N/A	N/A	N/A	N/A
Chlorine Residual, mg/l	0	0	1	Grab	8/26/2025
E.coli (CFU/100ml) freshwater	1413.6	1413.6	1	Grab	8/22/2025
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	288	288	1	Grab	8/22/2025
Electrical Conductivity, µmohs/cm, †	469	469	1	Grab	8/22/2025
Oil & Grease, mg/l	N/A	N/A	N/A	N/A	N/A
Alkalinity (CaCO ₃)*, mg/l	N/A	N/A	N/A	N/A	N/A

^{*}TPDES permits only

Table 1.0(3) - Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO ₃), mg/l					

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: <u>Jared Pearrow</u>

Facility Operator's License Classification and Level: <u>Wastewater Treatment Operator – Class D</u>

Facility Operator's License Number: WW0055165

[†]TLAP permits only