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

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package**. For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

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.

Fellowship Church (CN603204504) operates Allaso Ranch Camp WWTP (RN105501035), an activated sludge process plant operated in the extended aeration mode. The facility is located at 2302 Private Rd 7850, in Hawkins, Wood County, Texas 75765. This application is for a renewal to dispose a daily average flow not to exceed 40,000 gallons per day of treated domestic wastewater. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7.. Process waste water is treated by Prepackaged extended aeration system in which sewage passes through a bar screen to an aeration chamber and then to a clarifying

chamber, sludge is transferred to a digester and supernatent is moved to a chlorine chamber and then to discharge to a storage pond for subsequent application for irrigation..

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0015097001

APPLICATION. Fellowship Church, 2302 Private Road 7850, Hawkins, Texas 75765 has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0015097001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 40,000 gallons per day via irrigation on 18 acres of non-public access pastureland. The domestic wastewater treatment facility and disposal area are located at 2302 Private Road 7850 near the city of Hawkins, in Wood County, Texas 75765. TCEQ received this application on August 22, 2025. The permit application will be available for viewing and copying at Allen Memorial Public Library, 121 East Blackbourn, Hawkins, in Wood County, 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=-95.278351,32.646119&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 county-wide 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 Fellowship Church at the address stated above or by calling Mr. Kevin Ballard, Allaso Ranch Director, at 903-769-7312.

Issuance Date: September 15, 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 22, 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: ER102597
Application Reference Number: 775223
Authorization Number: WQ0015097001
Site Name: Allaso Ranch Camp WWTP
Regulated Entity: RN105501035 - Fellowship Youth Camp WWTP
Customer(s): CN603204504 - Fellowship Church

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

WQ0015097001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	ALLASO RANCH CAMP WWTP
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2302 PRIVATE ROAD 7850
City	HAWKINS
State	TX
ZIP	75765
County	WOOD
Latitude (N) (##.######)	32.646119
Longitude (W) (-###.######)	-95.278351
Primary SIC Code	
Secondary SIC Code	4952
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN105501035
What is the name of the Regulated Entity (RE)?	FELLOWSHIP YOUTH CAMP WWTP
Does the RE site have a physical address?	No
Physical Address	
Because there is no physical address, describe how to locate this site:	FACILITY WILL BE LOCATED APPROX 885' NW OF THE INTERX OF CR 3841 AND CR 7850 HAWKINS, WOOD COUNTY, TX
City	HAWKINS
State	TX
ZIP	75765
County	WOOD
Latitude (N) (##.######)	32.646111
Longitude (W) (-###.######)	-95.278333
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC N/D

Fellows-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN603204504
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Fellowship Church
Texas SOS Filing Number	116711701
Federal Tax ID	752302539
State Franchise Tax ID	17523025397

State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	251-500
Independently Owned and Operated?	Yes
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.	Yes
Responsible Authority Contact	
Organization Name	Fellowship Church
Prefix	
First	Dennis
Middle	
Last	Worrell
Suffix	
Credentials	
Title	Operations Manager
Responsible Authority Mailing Address	
Enter new address or copy one from list:	Site Physical Address
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2302 PRIVATE ROAD 7850
Routing (such as Mail Code, Dept., or Attn:)	
City	HAWKINS
State	TX
ZIP	75765
Phone (###-###-####)	9037697331
Extension	
Alternate Phone (###-###-####)	9037697300
Fax (###-###-####)	
E-mail	dennis.worrell@allasoranch.com

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	CN603204504, Fellowship Church
Organization Name	FELLOWSHIP CHURCH
Prefix	
First	Maria
Middle	
Last	Broadfield
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)	2450 N HIGHWAY 121
Routing (such as Mail Code, Dept., or Attn:)	
City	GRAPEVINE
State	TX

ZIP	76051
Phone (###-###-####)	9724716691
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Maria.Broadfield@FELLOWSHIPCHURCH.COM

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	CN603204504, Fellowship Church
Organization Name	Fellowship Church
Prefix	
First	Dennis
Middle	
Last	Worrell
Suffix	
Credentials	
Title	Operations Manager
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2302 PRIVATE ROAD 7850
Routing (such as Mail Code, Dept., or Attn:)	
City	HAWKINS
State	TX
ZIP	75765
Phone (###-###-####)	9037697331
Extension	
Alternate Phone (###-###-####)	9037697300
Fax (###-###-####)	
E-mail	dennis.worrell@allasoranch.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	CONSULTING ENVIRONMENTAL ENGINEERS INC
Prefix	MR
First	CHARLES
Middle	
Last	GILLESPIE
Suffix	
Credentials	
Title	Project Engineer
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	150 N HARBIN DR
Routing (such as Mail Code, Dept., or Attn:)	
City	STEPHENVILLE
State	TX
ZIP	76401
Phone (###-###-####)	2549688130
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2549688134
E-mail	CEEUNC@CEEINC.COM

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	Application Contact
Organization Name	Fellowship Church
Prefix	
First	Dennis
Middle	
Last	Worrell
Suffix	
Credentials	
Title	Operations Manager
Enter new address or copy one from list:	

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2302 PRIVATE ROAD 7850
Routing (such as Mail Code, Dept., or Attn:)	
City	HAWKINS
State	TX
ZIP	75765
Phone (###-###-####)	9037697331
Extension	
Alternate Phone (###-###-####)	9037697300
Fax (###-###-####)	
E-mail	dennis.worrell@allasoranch.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	Application Contact
2) Organization Name	Fellowship Church
3) Prefix	
4) First	Dennis
5) Middle	
6) Last	Worrell

7) Suffix	
8) Credentials	
9) Title	Operations Manager
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)	2302 PRIVATE ROAD 7850
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	HAWKINS
11.4) State	TX
11.5) ZIP	75765
12) Phone (###-###-####)	9037527331
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	dennis.worrell@allasoranch.com

Owner Information

Owner of Treatment Facility	
1) Prefix	
2) First and Last Name	Allaso Ranch
3) Organization Name	Fellowship Church
4) Mailing Address	2450 N. Highway 121
5) City	Grapevine
6) State	TX
7) Zip Code	76051
8) Phone (###-###-####)	9724715700
9) Extension	
10) Email	brad.stovall@fellowshipchurch.com
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	Fellowship Church
15) Mailing Address	2450 N. Highway 121
16) City	Grapevine
17) State	TX
18) Zip Code	76051
19) Phone (###-###-####)	9724715700
20) Extension	
21) Email	brad.stoval@fellowshipchurch.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	03/01/2026
2) Current Facility operational status:	Active

3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Private Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	.04
5.2) Select the applicable fee	< .05 MGD - Renewal - $315
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:	Hawkins
6.3) County in which the disposal site is located:	WOOD
6.4) Describe the routing of effluent from the treatment facility to the disposal site:	The effluent will flow from a prepackaged treatment system to a storage system consisting of 650,000 gallon lagoon to an irrigation system consisting of approximately 13 acres of common bermuda as a primary crop and a grass-legume mixture as a supplemental cool weather crop.
6.5) Identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:	Wisenbaker Lake
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?	Not Applicable
Owner of Effluent TLAP Disposal Site	
6.7) Prefix	
6.8) First and Last Name	
6.9) Organization Name	Fellowship Church
6.10) Mailing Address	2450 N. Highway 121
6.11) City	Grapevine
6.12) State	TX
6.13) Zip Code	76051
6.14) Phone (###-###-####)	9724175700
6.15) Extension	
6.16) Email	brad.stovall@fellowshipchurch.com
6.17) Is the landowner the same person as the facility owner or co-applicant?	Yes
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	No

Public Notice Information

Individual Publishing the Notices	
1) Prefix	
2) First and Last Name	Kevin Ballard
3) Credential	
4) Title	Allaso Camp Director
5) Organization Name	Allaso Ranch-Fellowship Church
6) Mailing Address	2302 PRIVATE ROAD 7850
7) Address Line 2	
8) City	HAWKINS
9) State	TX
10) Zip Code	75765

11) Phone (###-###-####)	9037697312
12) Extension	
13) Fax (###-###-####)	
14) Email	kevin.ballard@allasoranch.com
Contact person to be listed in the Notices	
15) Prefix	
16) First and Last Name	Kevin Ballard
17) Credential	
18) Title	Allaso Ranch Director
19) Organization Name	Allaso Ranch-Fellowship Church
20) Phone (###-###-####)	9037697312
21) Fax (###-###-####)	
22) Email	kevin.ballard@allasoranch.com
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	WOOD
2) Public building name	Allen Memorial Public Library
3) Location within the building	
4) Physical Address of Building	201 CR3900
5) City	Hawkins
6) Contact Name	
7) Phone (###-###-####)	9037692241
8) Extension	
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language

[File Properties]

File Name	LANG_SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES.pdf
Hash	C2539A383B1DD14F1E5641079AFB650A286575BC6416EFBF10CB63EC236F2E53
MIME-Type	application/pdf

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_wwTP permit - topo map.pdf
Hash	ADCB8D7C19BCA8119E9E40D1934FF6748FEC26B805A87029E376B5DC06230015
MIME-Type	application/pdf

[File Properties]

File Name	MAP_Allaso Ranch Camp and Retreat Center-Topo Map.pdf
Hash	91B48BC572F5F6C2A26DC903549BF986B967A1F5B84C7E6C2C66DEFB896FD6B4
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
2.1) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.2) I confirm that Worksheet 3.0 (Land Disposal of Effluent) is complete and included in the Technical Attachment.	Yes
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
2.5) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No

2.6) Technical Attachment

[File Properties]

File Name	TECH_WWTP Permit Renwal 2026 (due 9-1-2025) Fellowship Church-Allaso Ranch.pdf
Hash	11D122B28942E7B5158836F3FF03490E9289B8215B2F8528F353FFDBB463D6B2
MIME-Type	application/pdf

3) Buffer Zone Map

[File Properties]

File Name	BUFF_ZM_wwTP permit - Buffer Zone map.pdf
Hash	389D258FAC65A2DB8329A63E33EE8F90F06B02D18B22DB12DD98C1DAB6C86F61
MIME-Type	application/pdf

4) Flow Diagram

[File Properties]

File Name	FLDIA_wwTP permit -Flow diagram.pdf
Hash	0CEF963DFAF76D9A8FE04D4D168F746413B76358755380E8901A347827E7BEE9
MIME-Type	application/pdf

5) Site Drawing

[File Properties]

File Name	SITEDR_wwTP permit - site drawing.pdf
Hash	614766C5C222FADB4A64CA20F92F65327C25E577037C2936E6B08D957D5A36D1
MIME-Type	application/pdf

6) Design Calculations

[File Properties]

File Name	DES_CAL_WWTP permit - Design calculations.pdf
Hash	7AF856AD98FCCFA3BD6CF4E8422ED4666673080D940D31B69F3FBFDBA32C6846
MIME-Type	application/pdf

7) Solids Management Plan

[File Properties]

File Name SMP_WWTP Permit Renwal- Sludge Mngt Calc Sheet.pdf

Hash C75D9261FA0527D1C3AB120D273E3EE30CE3F676F4C0AAC6C5057C2903C6275E

MIME-Type application/pdf

8) Water Balance

9) Other Attachments

[File Properties]

File Name OTHER_Allaso Ranch WWTP renewal - Wind Rose.pdf

Hash 6A01928AC49EBB29EAEC5833DC60552B6439763D8F5F8031E20E0C2DF88222EF

MIME-Type application/pdf

[File Properties]

File Name OTHER_SPL - 1152469_r00_00_TableOfContents.pdf

Hash 380DF08B09448F1F321D16B3F3E3009D6366224219EEE403E8FE7A21967B04C3

MIME-Type application/pdf

[File Properties]

File Name OTHER_Soil Test for Waste water irrigation feild - 2025.pdf

Hash 59982785F74207C36E8D3C2A4F88073A4DE7C66B9F9364F3F37062C0D5D1942A

MIME-Type application/pdf

[File Properties]

File Name OTHER_WWTP Permit Renwal- Crop Plan.pdf

Hash BFB89BAD2316B9F54B513C33B8E6CAF9A4D5E3C4C3811974874B9EF73F274AD4

MIME-Type application/pdf

[File Properties]

File Name OTHER_WWTP Permit Renwal- Nitrogen Calculations.pdf

Hash DA8A106EC880DA02A64748B1F062152B9C2AAE2A2D3ADD667DF0C8129C8197F5

MIME-Type application/pdf

[File Properties]

File Name OTHER_WWTp Permit Renwal- Soil Map.pdf

Hash E4F8154A26E10683144C51F8DB34F93BE662E6571DBFFEBC77C410B57710A0CC

MIME-Type application/pdf

[File Properties]

File Name OTHER_WWTP lab tests for permit renewal- 2025.pdf

Hash 7D96EBFAEF7D7A173D1B09EC410FE0A9362D128C3D607D83B18EA3ED3224AAC9

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 Dennis Worrell, the owner of the STEERS account ER102597.
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 WQ0015097001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Dennis Worrell OWNER

Customer Number:	CN603204504
Legal Name:	Fellowship Church
Account Number:	ER102597
Signature IP Address:	72.34.177.162
Signature Date:	2025-08-21
Signature Hash:	C0F9FB711E9E6151925C51042A2B3404C2E61685FA1A216A5DFBCA5F1546E976
Form Hash Code at time of Signature:	E5F1F85AABA5DB619A14B28C4CB4705FAA1BB4E1E482886D38359DADD6406B06

Fee Payment

Transaction by:	The application fee payment transaction was made by ER102597/Dennis Worrell
Paid by:	The application fee was paid by DENNIS WORRELL
Fee Amount:	$300.00
Paid Date:	The application fee was paid on 2025-08-22
Transaction/Voucher number:	The transaction number is 582EA000682130 and the voucher number is 780468

Submission

Reference Number:	The application reference number is 775223
Submitted by:	The application was submitted by ER102597/Dennis Worrell
Submitted Timestamp:	The application was submitted on 2025-08-22 at 07:02:41 CDT
Submitted From:	The application was submitted from IP address 72.34.177.162
Confirmation Number:	The confirmation number is 672896
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is WQ0015097001

Additional Information

Application Creator: This account was created by Dennis Worrell

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 43)

A. Existing/Interim I Phase

Design Flow (MGD): .02

2-Hr Peak Flow (MGD): .06

Estimated construction start date: 03/09

Estimated waste disposal start date: 04/09

B. Interim II Phase

Design Flow (MGD): .02

2-Hr Peak Flow (MGD): .06

Estimated construction start date: 10/09

Estimated waste disposal start date: 11/09

C. Final Phase

Design Flow (MGD): .040

2-Hr Peak Flow (MGD): .120

Estimated construction start date: 10/09

Estimated waste disposal start date: 11/09

D. Current Operating Phase

Provide the startup date of the facility: 11/09

Section 2. Treatment Process (Instructions Page 43)

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.**

Prepackaged extended aeration system in which sewage passes through a bar screen to an aeration chamber and then to a clarifying chamber, sludge is transferred to a digester and supernatant is moved to a chlorine chamber and then to discharge to a holding pond for subsequent application for irrigation.

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)
Aeration basin	2	11.25' x 9.5' x 34'
Digestor/sludge storage	2	11.25' x 9.5' x 10.5'
Clarifier	2	11.25' x 9.5' x 6'
Chlorine chamber	2	11.25' x 9.5' x 2'

C. Process Flow Diagram

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

Attachment: FLDIA_wwTP permit -Flow diagram.pdf

Section 3. Site Information and Drawing (Instructions Page 44)

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

- Latitude: N/A
- Longitude: N/A

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

- Latitude: 32.646111
- Longitude: -95.278333

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 disposal site.

Attachment: SITEDR_wwTP permit - site drawing.pdf

Provide the name **and** a description of the area served by the treatment facility.

Allaso Ranch Camp. The plant serves as a new learning and recreational facility for members of the Fellowship Church. There are no facilities located within three miles of the location.

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.	

Section 4. Unbuilt Phases (Instructions Page 45)

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 years** of being authorized by the TCEQ?

☐ Yes ☐ No

If yes, 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 45)

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 yes, was a closure plan submitted to the TCEQ?

☐ Yes ☐ No

If yes, provide a brief description of the closure and the date of plan approval.

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

For applicants with an existing permit, check the Other Requirements or Special Provisions 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: 11/2009

Provide information, including dates, on any actions taken to meet a *requirement or provision* 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.

N/A

C. Other actions required by the current permit

Does the *Other Requirements* or *Special Provisions* section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.

☐ Yes ☒ No

If yes, provide information below on the status of any actions taken to meet the conditions of an *Other Requirement* or *Special Provision.*

Click to enter text.

D. Grit 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.

N/A

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.

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.

E. Stormwater 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

3. *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

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. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions.
Click to enter text.

G. Other 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 BOD_5 concentration of the sludge, 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.

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 50)

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.

Table1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l		7.53	1	grab	8/7/25
Total Suspended Solids, mg/l		17.0	1	grab	8/7/25
Ammonia Nitrogen, mg/l		<.02	1	grab	8/7/25
Nitrate Nitrogen, mg/l		7.711	1	grab	8/7/25
Total Kjeldahl Nitrogen, mg/l		0.791	1	grab	8/7/25
Sulfate, mg/l		39.8	1	grab	8/7/25
Chloride, mg/l		119	1	grab	8/7/25
Total Phosphorus, mg/l		5.83	1	grab	8/7/25
pH, standard units		7.3	1	grab	8/7/25
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l		1.51	1	grab	8/7/25
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l		550	1	grab	8/7/25
Electrical Conductivity, µmohs/cm, †		905	1	grab	8/7/25
Oil & Grease, mg/l		<4.44	1	grab	8/7/25
Alkalinity ($CaCO_3$)*, mg/l					

*TPDES permits only

†TLAP permits only

Table1.0(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 50)

Facility Operator Name: Scott Wiler

Facility Operator's License Classification and Level: Class C

Facility Operator's License Number: WW0065491

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 51)

A. WWTP's Biosolids Management Facility Type

Check 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)
- ☒ Biosolids generator
- ☐ Biosolids end user - land application (onsite)
- ☐ Biosolids end user - surface disposal (onsite)
- ☐ Biosolids end user - incinerator (onsite)

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☐ Aerobic Digestion
- ☐ 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: transport to another facility for processing

C. Biosolids Management

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

all 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
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.
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): transport to another facility for processing

D. Disposal site

Disposal site name: Vital Earth

TCEQ permit or registration number: Click to enter text.

County where disposal site is located: Wood

E. Transportation method

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

Name of the hauler: A&A Septic

Hauler registration number: 23370

Sludge is transported as a:

Liquid ☐ semi-liquid ☒ semi-solid ☐ solid ☐

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 53)

A. Beneficial use authorization

Does the existing permit include authorization for land application of sewage sludge for beneficial use?

☐ Yes ☒ No

If yes, are you requesting to continue this authorization to land apply sewage sludge 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

Does the existing permit include authorization for any of the following sludge processing, storage or disposal options?

Sludge Composting	☐ Yes	☒ No
Marketing and Distribution of sludge	☐ Yes	☒ No
Sludge Surface Disposal or Sludge Monofill	☐ Yes	☒ No
Temporary storage in sludge lagoons	☐ Yes	☒ No

If yes to any of the above sludge options and the applicant is requesting to continue this authorization, is the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)** attached to this permit application?

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

If yes, complete the remainder of this section. If no, proceed to Section 12.

A. Location information

The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number.

- Original General Highway (County) Map:

  Attachment: Click to enter text.

- USDA Natural Resources Conservation Service Soil Map:

  Attachment: Click to enter text.

- Federal Emergency Management Map:

  Attachment: Click to enter text.

- Site map:

  Attachment: Click to enter text.

Discuss in a description if any of the following exist within the lagoon area. Check all that apply.

☐ Overlap a designated 100-year frequency flood plain

☐ Soils with flooding classification

☐ 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: Click to enter text.

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: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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 55)

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 56)

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:
    - periodically inspected by the TCEQ; or
    - located in another state and is accredited or inspected by that state; or
    - 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: Dennis Worrell

Title: Facility Operations Manager

Signature: _____

Date: 8-21-25

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 68)

Identify the method of land disposal:

- ☐ Surface application
- ☒ Irrigation
- ☐ Drip irrigation system
- ☐ Evaporation
- ☐ Other (describe in detail): Click to enter text.
- ☐ Subsurface application
- ☐ Subsurface soils absorption
- ☐ Subsurface area drip dispersal system
- ☐ Evapotranspiration beds

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: WQ0015097001

Section 2. Land Application Site(s) (Instructions Page 68)

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
Bermuda grass, pasture land	13	40,000	N

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 68)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
1	2	9.89	210' x 410' x5.0'	In-situ clay

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 68)

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:

Flood Plain Map Panel #481055 0009 A

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

Series of berms in place to control tailwater runoff.

Section 5. Annual Cropping Plan (Instructions Page 68)

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:** Cropping Plan

- 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 69)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: Click to enter text.

- 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
96905	Domestic water	y	cased	
183415	Domestic water	y	cased	
			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 69)

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 70)

A. Soil map

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

Attachment: soil map

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: Annual soil test attached

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
Darco	0”-8”	6.0-20	0.05-0.08	
Darco	8”-50”	6.0-20	0.05-0.10	
Darco	56”-80”	0.6-2.0	0.10-0.15	
Lilbert	0”-9”	6.0-20	0.05-0.08	
Lilbert	9”-32”	6.0-20	0.05-0.10	
Lilbert	32”-80”	0.6-2.0	0.10-0.15	

Section 9. Effluent Monitoring Data (Instructions Page 71)

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	pH	Chlorine Residual mg/l	Acres irrigated
7-31-23	.411	7.71	5.51	3.1	1.2	13
8-30-23	.291	7.29	22.38	7.9	1.0	13
9-29-23	.255	5.64	6.86	8.1	1.1	13
10-30-23	.186	7.72	9.00	7.9	1.0	13
11-29-23	.166	8.87	12.9	8.4	1.1	13
12-29-23	.197	11.53	32.6	8.2	1.1	13
1-29-24	.144	16.57	10.35	8.3	1.6	13
2-29-24	.103	12.48	43.85	6.9	1.7	13
3-29-24	.269	16.00	8.17	8.3	1.1	13
4-30-24	.128	6.78	5.5	8.4	1.1	13
5-31-24	.246	6.33	4.14	7.9	1.3	13
6-29-24	.429	15.18	23.18	8.0	1.3	13
7-31-24	.330	20.96	17.78	8.0	1.1	13
8-30-24	.078	10.19	27.3	7.9	1.1	13
9-30-24	.162	11.7	24.35	8.2	1.1	13
10-30-24	.206	9.02	25.76	8.3	1.0	13
11-29-24	.109	8.23	23.55	7.5	1.0	13
12-30-24	.090	9.16	16.38	8.0	1.1	13
1-31-25	.086	10.21	20.13	8.3	1.0	13
2-28-25	.072	8.96	20.55	8.1	1.3	13
3-31-25	.116	6.80	25.0	7.7	1.0	13
4-30-25	.131	6.21	10.36	8.2	1.1	13
5-30-25	.063	5.30	15.95	7.4	1.0	13
6-30-25	.227	18.59	25.0	8.0	1.3	13

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

N/A

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment permit applications. Renewal and minor amendment permit applications may be asked for this worksheet on a case by case basis.

Section 1. Surface Disposal (Instructions Page 72)

Complete the item that applies for the method of disposal being used.

A. Irrigation

Area under irrigation, in acres: 13

Design application frequency:

hours/day 8 **And** days/week 7

Land grade (slope):

average percent (%): 3

maximum percent (%): 5

Design application rate in acre-feet/acre/year: 3.4

Design total nitrogen loading rate, in lbs N/acre/year: .38

Soil conductivity (mmhos/cm): Click to enter text.

Method of application: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

Attachment: Click to enter text.

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: N/A

Attach a separate engineering report with the water balance and storage volume calculations.

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: N/A

Area of bed(s), in acres: Click to enter text.

Depth of bed(s), in feet: Click to enter text.

Void ratio of soil in the beds: Click to enter text.

Storage volume within the beds, in acre-feet: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

Attachment: Click to enter text.

D. Overland flow

Area used for application, in acres: N/A

Slopes for application area, percent (%): Click to enter text.

Design application rate, in gpm/foot of slope width: Click to enter text.

Slope length, in feet: Click to enter text.

Design BOD_5 loading rate, in lbs BOD_5/acre/day: Click to enter text.

Design application frequency:

hours/day: Click to enter text. **And** days/week: Click to enter text.

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217*.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

Is the facility subject to *30 TAC Chapter 213*, Edwards Aquifer Rules?

☐ Yes ☒ No

If **yes**, is the facility located on the Edwards Aquifer Recharge Zone?

☐ Yes ☐ No

If yes, attach a geological report addressing potential recharge features.

Attachment: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **does not meet** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Subsurface Application (Instructions Page 74)

Identify the type of system:

- ☐ Conventional Gravity Drainfield, Beds, or Trenches (new systems must be less than 5,000 GPD)
- ☐ Low Pressure Dosing
- ☐ Other, specify: Click to enter text.

Application area, in acres: Click to enter text.

Area of drainfield, in square feet: Click to enter text.

Application rate, in gal/square foot/day: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

Area of trench, in square feet: Click to enter text.

Dosing duration per area, in hours: Click to enter text.

Number of beds: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Infiltration rate, in inches/hour: Click to enter text.

Storage volume, in gallons: Click to enter text.

Area of bed(s), in square feet: Click to enter text.

Soil Classification: Click to enter text.

Attach a separate engineering report with the information required in *30 TAC § 309.20,* excluding the requirements of § 309.20 b(3)(A) and (B) design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 74)

Is the subsurface system over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

☐ Yes ☐ No

Is the subsurface system over the Edwards Aquifer Transition Zone as mapped by TCEQ?

☐ Yes ☐ No

If yes to either question, the subsurface system may be prohibited by *30 TAC §213.8.* Please call the Municipal Permits Team, at 512-239-4671, to schedule a pre-application meeting.

CONSULTING ENVIRONMENTAL ENGINEERS, INC.

150 Harbin Drive - Suite 408
Stephenville, Texas 76401

Phone/Fax: 254-968-8130
email: ceeinc@ceeinc.org

Fellowship Youth Camp
Exhibit XIV

Cropping Plan

(1) The crop to be irrigated is a low maintenance warm season turfgrass, predominately Bermuda grass.

(2) Growth occurs in these grasses when the mean temperature exceeds 55° F. In Wood County the mean monthly average temperature exceeds 55° in the months of March through October with the yearly average of 53.4°.

(3) The crop will be exposed to limited foot traffic and will require supplemental water all during its growing season.

(4) USDA soil survey information for Wood County indicates that these soils are comparable in the amount of forage produced. These soils have a surface layer of loamy fine sand to lower layers of sandy clay loam. The permeability is rapid to moderate and runoff is negligible on 1 to 5 percent slopes.

(5) The wastewater to be used will contain low concentrations of nutrients so the full amount needed to maintain a healthy crop will be supplied by commercial fertilizer. Fertilizer application times will be determined by soil testing data and extension service recommendations.

(6) Annual conditioning will be dictated based on recommendations by a qualified agricultural consultant.

STATE OF TEXAS
CHARLES P. GILLESPIE, JR.
PE 20996
REGISTERED
PROFESSIONAL ENGINEER

Charles P. Gillespie PE
4/1/08

Agronomic Nitrogen
Use Calculations
For August 1, 2007-July 31, 2008
Fellowship Church Youth Camp

1. Amount of hay harvest = 2 cuttings (harvested primarily by grazing)
2. Nitrogen requirements per acres = 225 lbs
3. Total Nitrogen Effluent – 15 mg/l (138 lbs/acre)
4. design Total Nitrogen loading rate = 138lbs/acre/365 days = .38 lbs N/acre/day

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package**. For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

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.

Fellowship Church (CN603204504) operates Allaso Ranch Camp WWTP (RN105501035), an activated sludge process plant operated in the extended aeration mode. The facility is located at 2302 Private Rd 7850, in Hawkins, Wood County, Texas 75765. This application is for a renewal to dispose a daily average flow not to exceed 40,000 gallons per day of treated domestic wastewater. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7.. Process waste water is treated by Prepackaged extended aeration system in which sewage passes through a bar screen to an aeration chamber and then to a clarifying

chamber, sludge is transferred to a digester and supernatent is moved to a chlorine chamber and then to discharge to a storage pond for subsequent application for irrigation..

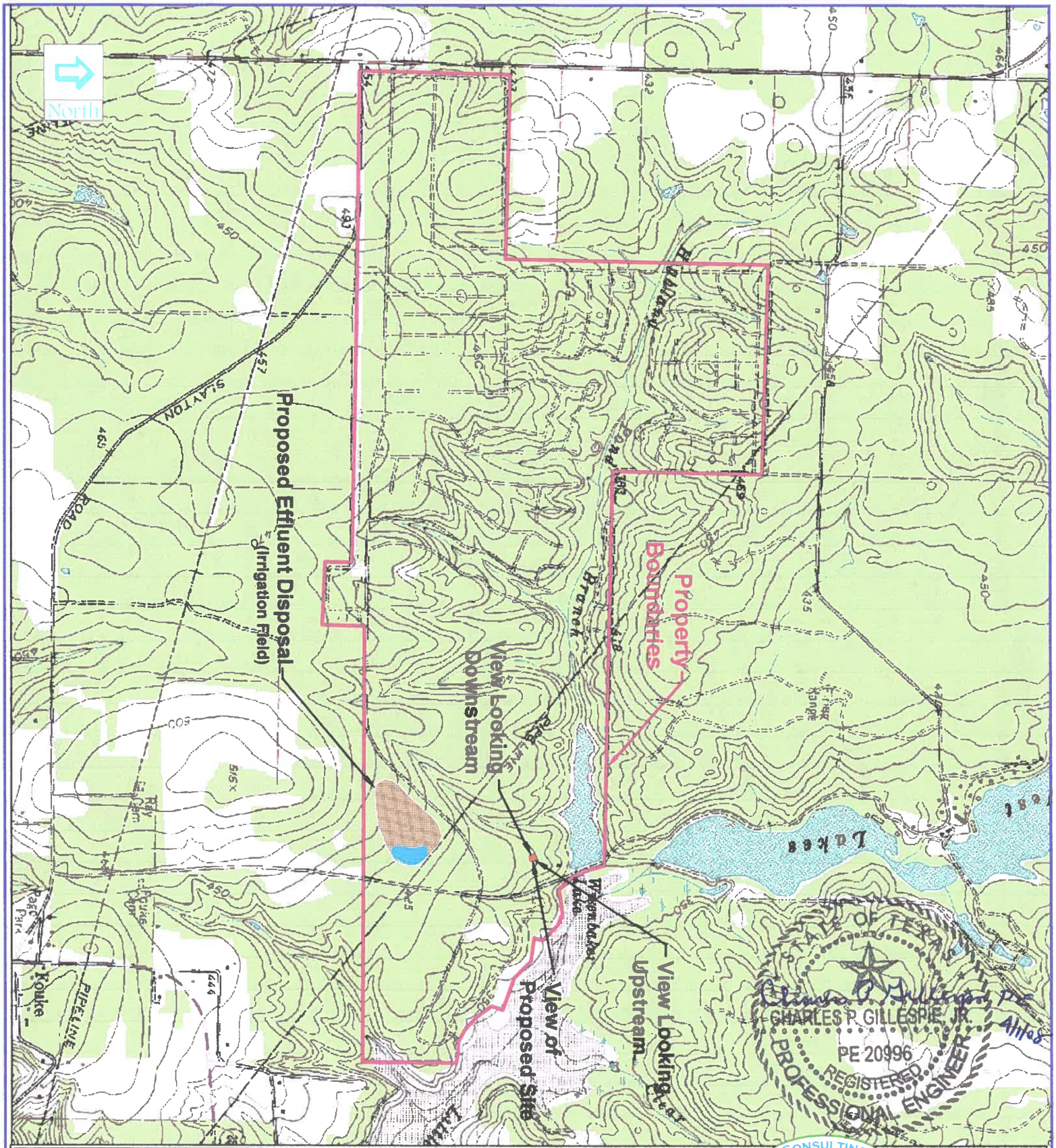
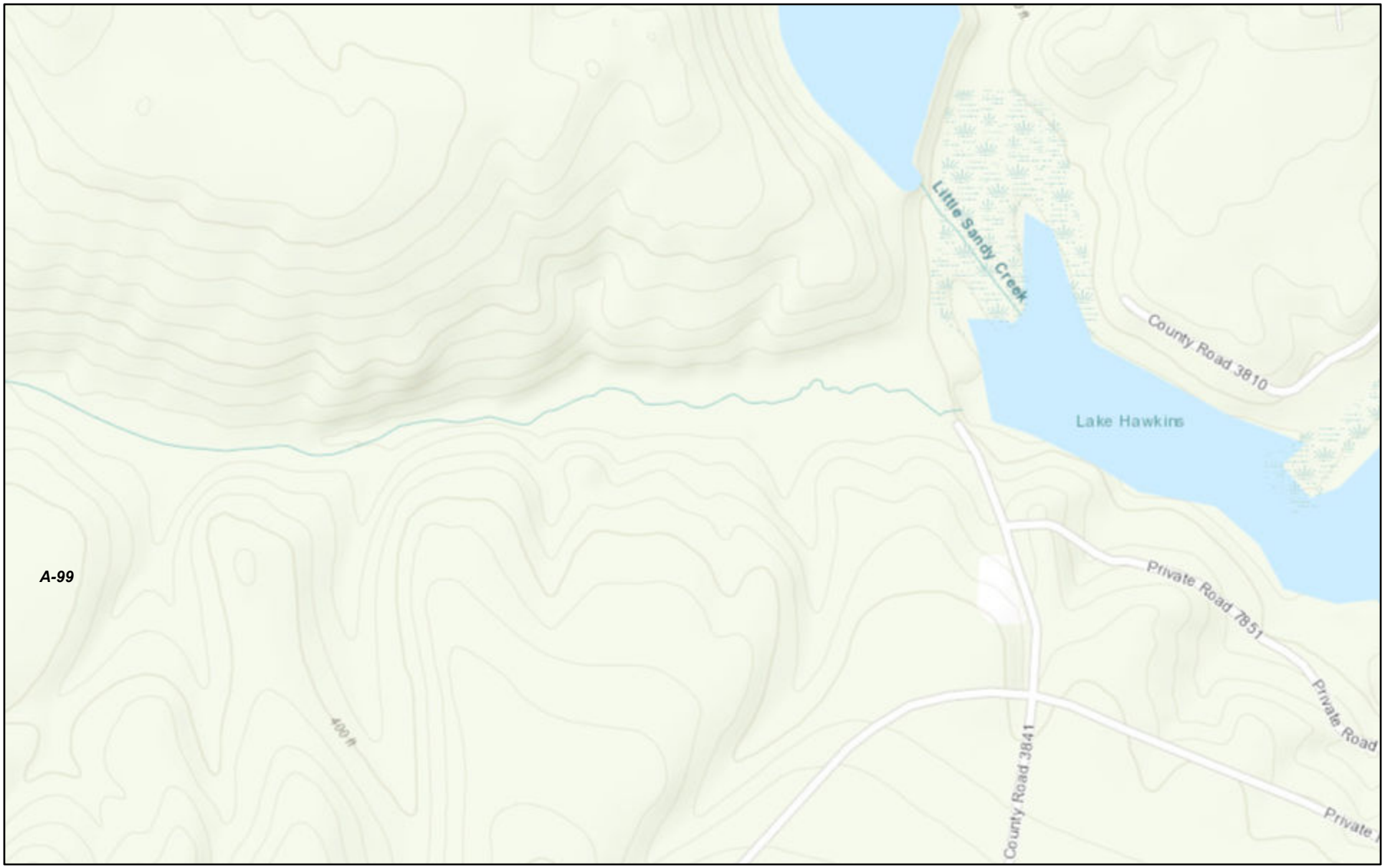


EXHIBIT VII (a)	**PROJECT NAME: Fellowship Church Youth Camp**	**DATE DRAWN: 3-28-08**	CONSULTING ENVIRONMENTAL ENGINEERS, INC.
		DRAWN BY: CPG ala	150 N. Harbin Dr. Suite 408 Stephenville, Texas 76401 Phone / Fax: (254) 968-8130 Email: ceeinc@ceeinc.org
	DRAWING NAME: Photograph Location Map	**SCALE: NTS**	

Wood CAD Web Map



8/14/2025, 4:52:32 PM

Abstracts

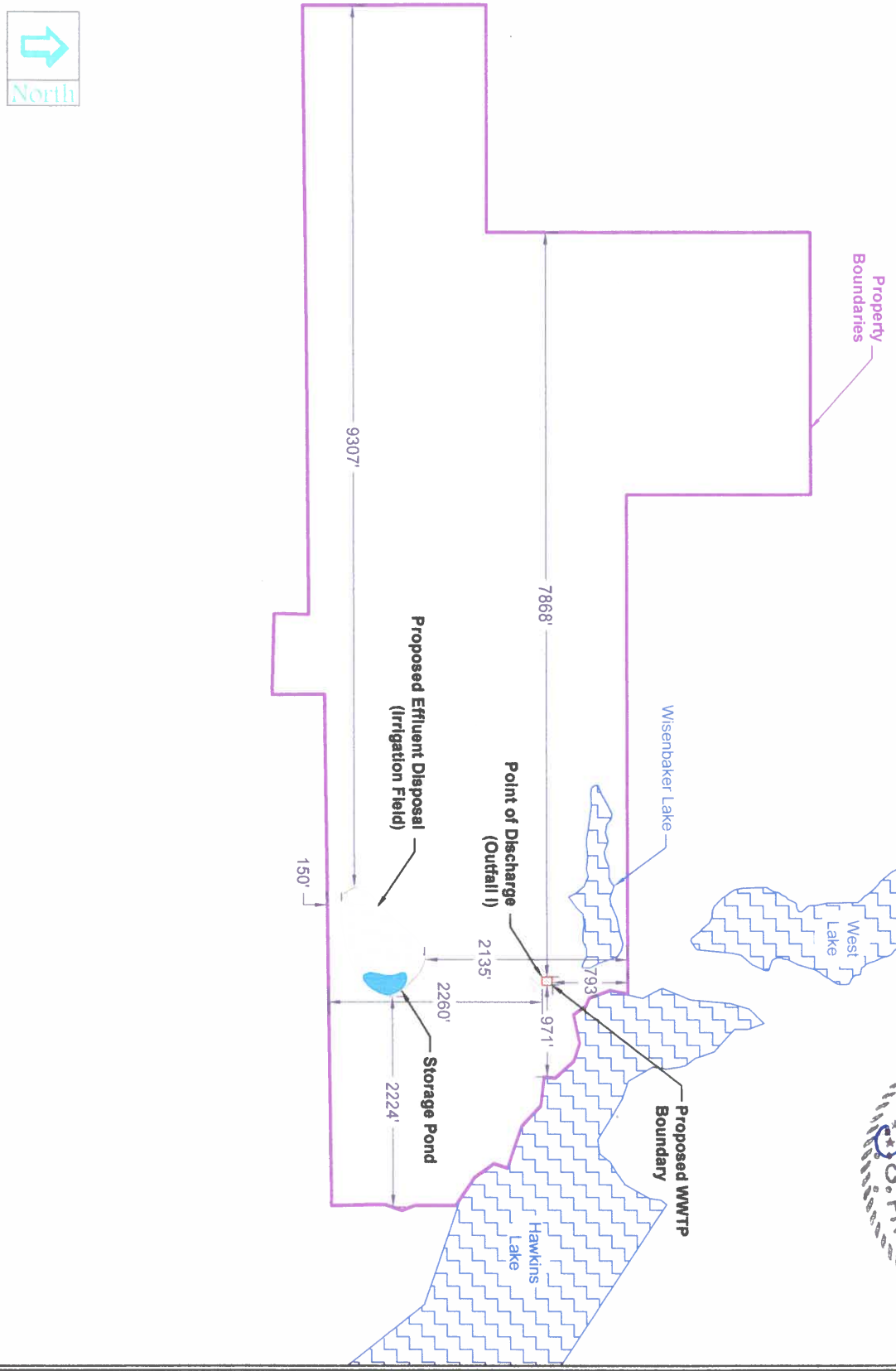
1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Smith County, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

Wood County Appraisal District, BIS Consulting - www.bisconsulting.com



STATE OF TEXAS
CHARLES P. GILLESPIE, JR.
PE 20996
REGISTERED
PROFESSIONAL ENGINEER

Charles P. Gillespie, PE
4/1/08

EXHIBIT VI	PROJECT NAME: Fellowship Church Youth Camp	DATE DRAWN: 3-28-08	
		DRAWN BY: CPG ala	
	DRAWING NAME: Buffer Zone Map	SCALE: NTS	

CONSULTING ENVIRONMENTAL ENGINEERS, INC.
150 N. Harbin Dr. Suite 408
Stephenville, Texas 76401
Phone / Fax: (254) 968-8130
Email: ceeinc@ceeinc.org

Fellowship Church
Youth Camp

EXHIBIT X

Design Calculations

Extended Aeration - Design Spreadsheet

INPUT

ADF (average daily flow) = **20,000** $gallons/day$

BOD (biochemical oxygen demand) = **325** mg/l

OUTPUT

I Daily Average Organic Load

$$ADF \times 8.33 \frac{lbs}{gallon} \times \frac{BOD}{1,000,000\ lbs} = \mathbf{54}\ lbs/day$$

II Peak Flow Organic Load

$$3 \times ADF \times 8.33 \frac{lbs}{gallon} \times \frac{BOD}{1,000,000\ lbs} = \mathbf{162}\ lbs/day$$

III Daily Average Flow Clarifier Design Area

$$\frac{ADF}{500\ gpd/ft^2} = \mathbf{40}\ ft^2$$

IV Peak Flow Clarifier Design Area

$$3 \times \frac{ADF}{1,000\ gpd/ft^2} = \mathbf{60}\ ft^2$$

V Design Flow Clarifier Volume

$$\frac{3.6\ hours \times ADF}{24\ hours} \times \frac{ft^3}{7.48\ gallons} = \mathbf{401}\ ft^3$$

VI Peak Flow Clarifier Volume

$$\frac{3 \times 1.8\ hours \times ADF}{24\ hours} \times \frac{ft^3}{7.48\ gallons} = \mathbf{602}\ ft^3$$

Clarifer Length
5.629

VII Digester Volume

$$\frac{20\ ft^3}{lb/day} \times \text{daily average organic load (above Item I)} = \mathbf{1,083}\ ft^3$$

Digester Length
10.132

VIII Chlorine Tank Volume

$$\frac{3 \times ADF}{(7.48 gallons)(1440 minutes)} \times 20\ minutes = \mathbf{111}\ ft^3$$

Chlorine Chamber Length
1.5989

IX Aeration Basin Sizing

$$\text{daily average organic load (above Item I)} \times \frac{day}{15\ lbs} \times 1,000\ ft^3 = \mathbf{3,610}\ ft^3$$

Basin Length
33.775

X Air Supply For Aeration

$$\text{daily average organic load (above Item I)} \times \frac{1.98\ ft^3/min}{lb\ BOD_5} = \mathbf{107}\ ft^3/min$$

XI Air Supply For Digestion

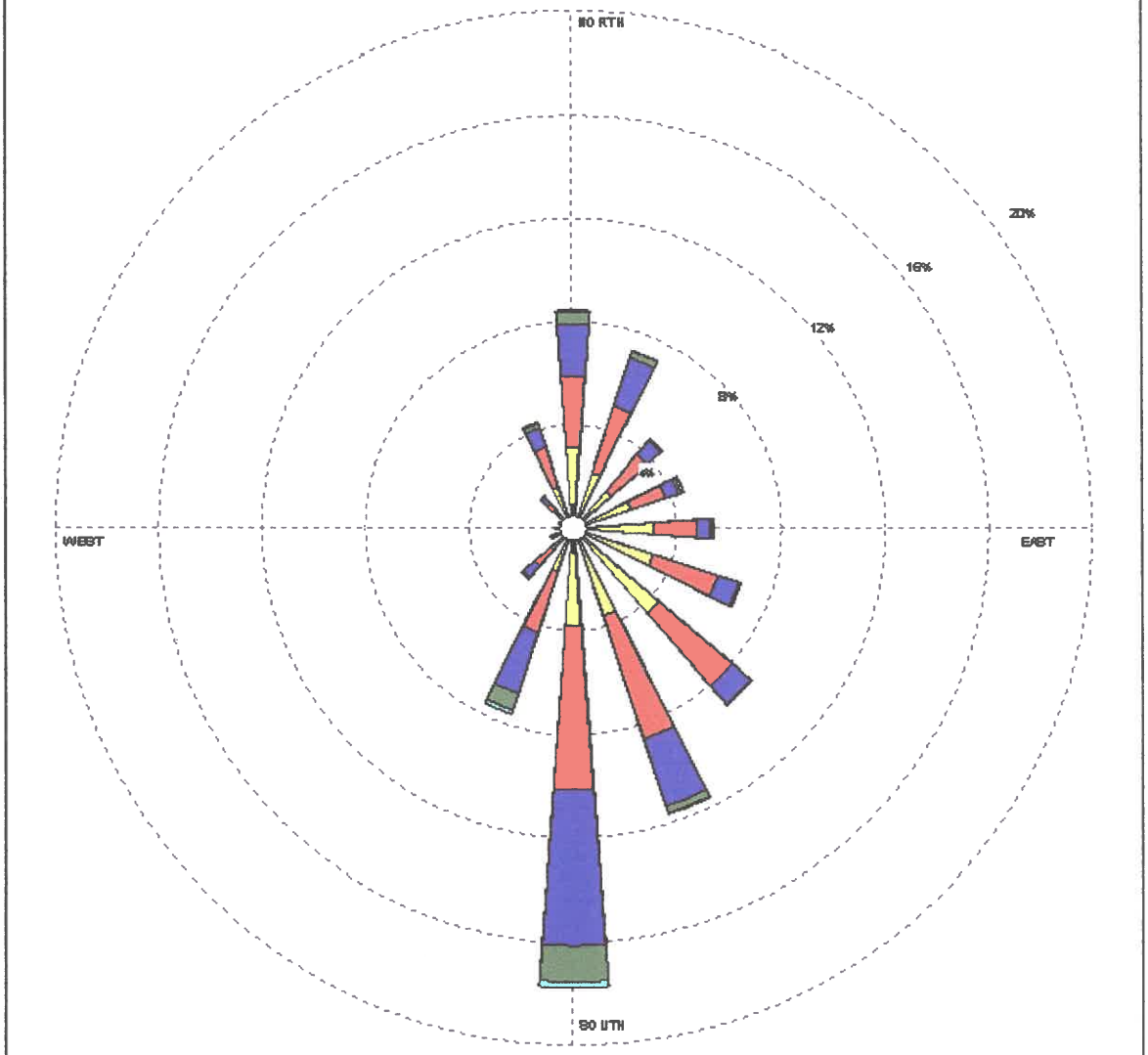
$$\text{digester volume (above Item VII)} \times \frac{30\ ft^3/min}{1{,}000\ ft^3} = \mathbf{32}\ ft^3/min$$

XII Total Air Required

air supply for aeration (above Item X)
+ air supply for digestion (above Item XI)
+ 40 ft^3/min (air lifts) = **180** ft^3/min

WIND ROSE PLOT

Station #03927 - DALLAS/FORT WORTH/REGIONAL AR, TX



Wind Speed (m/s)

- > 11.06
- 8.49 - 11.06
- 5.40 - 8.49
- 3.34 - 5.40
- 1.80 - 3.34
- 0.51 - 1.80

MODELER	DATE	COMPANY NAME
Sara West	8/29/2002	USDA-ARS
DISPLAY: Wind Speed	UNIT: m/s	COMMENTS
AVG. WIND SPEED: 4.46 m/s	CALM WINDS: 6.40%	
ORIENTATION: Direction (blowing from)	PLOT YEAR-DATE-TIME: 1961 Sep 1 - Sep 30 Midnight - 11 PM	

STATE OF TEXAS
CHARLES P. GILLESPIE, JR.
PE 20996
REGISTERED
PROFESSIONAL ENGINEER

Charles P. Gillespie, PE 9/1/08

EXHIBIT XII

PROJECT NAME: Fellowship Church Youth Camp

DRAWING NAME: Wind Rose

DATE DRAWN: 3-28-08

DRAWN BY: CPG ala

SCALE: NTS

CONSULTING ENVIRONMENTAL ENGINEERS, INC.
150 N. Harbin Dr. Suite 408
Stephenville, Texas 76401
Phone / Fax: (254) 968-8130
Email: ceeinc@ceeinc.org

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

Project
1135104

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Printed 03/10/2025
9:10

TABLE OF CONTENTS

This report consists of this Table of Contents and the following pages:

Report Name	Description	Pages
1135104_r02_01_ProjectSamples	SPL Kilgore Project P:1135104 C:TABE Project Sample Cross Reference t:304	3
1135104_r03_03_ProjectResults	SPL Kilgore Project P:1135104 C:TABE Project Results t:304	13
1135104_r10_05_ProjectQC	SPL Kilgore Project P:1135104 C:TABE Project Quality Control Groups	6
1135104_r99_09_CoC__1_of_2	SPL Kilgore CoC TABE 1135104_1_of_2	10
1135104_r99_09_CoC__2_of_2	SPL Kilgore CoC TABE 1135104_2_of_2	1
	Total Pages:	33

Email: Kilgore.ProjectManagement@spllabs.com

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
*Office: 903-984-0551 * Fax: 903-984-5914*

1

SAMPLE CROSS REFERENCE

Project
1135104

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Sample	Sample ID	Taken	Time	Received
2378935	*Soil 0-6*	02/03/2025	15:00:00	02/05/2025

Bottle 01 Glass Qt w/Teflon lined lid
Bottle 02 Glass 8 oz w/Teflon lined lid
Bottle 03 Glass 4 oz w/Teflon lined lid
Bottle 04 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1159499) Volume: 20.00000 mL <== Derived from 03 (1.0 grams)
Bottle 05 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1159499) Volume: 20.00000 mL <== Derived from 03 (1.0 grams)
Bottle 06 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1159499) Volume: 20.00000 mL <== Derived from 03 (1.0 grams)
Bottle 07 Prepared Bottle: Special Preparation (Batch 1159705) Volume: 100.00000 mL <== Derived from 03 (10 grams)
Bottle 08 Prepared Bottle: 2 mL Glass vial (Batch 1159933) Volume: 50.00000 mL <== Derived from 03 (5.0 grams)
Bottle 09 Prepared Bottle: MPe Extraction (Batch 1160129) Volume: 15.00000 mL <== Derived from 02 (1.5 grams)
Bottle 10 Prepared Bottle: SAR extraction
Bottle 11 Prepared Bottle: SAR extraction

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 353.3			02/14/2025		02/14/2025
EPA 9056	08	1159933	02/10/2025	1160428	02/11/2025
EPA 6010B	09	1160129	02/11/2025	1160235	02/11/2025
EPA 6010B	10	1160946	02/14/2025	1160946	02/14/2025
EPA 6010C	09	1160129	02/11/2025	1160235	02/11/2025
EPA 6010C	10	1160946	02/14/2025	1160946	02/14/2025
EPA 6010B	09	1160129	02/11/2025	1160229	02/11/2025
USDA Handbook 60	01	1160928	02/14/2025	1160928	02/14/2025
EPA 9056			02/18/2025		02/18/2025
600/2-78-054 3.2.19			02/14/2025		02/14/2025
Handbook 60	01	1160677	02/13/2025	1160677	02/13/2025
EPA 351.2 2	04	1159499	02/06/2025	1159918	02/10/2025
Calculation	04	1159499	02/06/2025	1159918	02/12/2025
SM2540 G-1997 /MOD	01	1159764	02/06/2025	1159764	02/06/2025
EPA 9045D 4	01	1160017	02/10/2025	1160017	02/10/2025

Sample	Sample ID	Taken	Time	Received
2378936	*Soil 6-18*	02/03/2025	15:15:00	02/05/2025

Email: Kilgore.ProjectManagement@spllabs.com

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SAMPLE CROSS REFERENCE

Project
1135104

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Bottle 01 Glass Qt w/Teflon lined lid
Bottle 02 Glass 8 oz w/Teflon lined lid
Bottle 03 Glass 4 oz w/Teflon lined lid
Bottle 04 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1159499) Volume: 20.00000 mL <== Derived from 03 (1.0 grams)
Bottle 05 Prepared Bottle: Special Preparation (Batch 1159705) Volume: 100.00000 mL <== Derived from 03 (10.0 grams)
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Bottle 07 Prepared Bottle: MPe Extraction (Batch 1160129) Volume: 15.00000 mL <== Derived from 02 (1.6 grams)
Bottle 08 Prepared Bottle: SAR extraction

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 353.3			02/14/2025		02/14/2025
EPA 9056	06	1159933	02/10/2025	1160428	02/11/2025
EPA 6010B	07	1160129	02/11/2025	1160235	02/11/2025
EPA 6010B	08	1160946	02/14/2025	1160946	02/14/2025
EPA 6010C	07	1160129	02/11/2025	1160235	02/11/2025
EPA 6010C	08	1160946	02/14/2025	1160946	02/14/2025
EPA 6010B	07	1160129	02/11/2025	1160229	02/11/2025
USDA Handbook 60	01	1160928	02/14/2025	1160928	02/14/2025
EPA 9056			03/10/2025		03/10/2025
600/2-78-054 3.2.19			03/10/2025		03/10/2025
Handbook 60	01	1160677	02/13/2025	1160677	02/13/2025
EPA 351.2 2	04	1159499	02/06/2025	1159809	02/07/2025
Calculation	04	1159499	02/06/2025	1159809	03/10/2025
SM2540 G-1997 /MOD	01	1159764	02/06/2025	1159764	02/06/2025
EPA 9045D 4	01	1160017	02/10/2025	1160017	02/10/2025

Sample	Sample ID	Taken	Time	Received
2378937	*Soil 18-30*	02/03/2025	15:30:00	02/05/2025

Bottle 01 Glass Qt w/Teflon lined lid
Bottle 02 Glass 8 oz w/Teflon lined lid
Bottle 03 Glass 4 oz w/Teflon lined lid
Bottle 04 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1159499) Volume: 20.00000 mL <== Derived from 03 (1.0 grams)
Bottle 05 Prepared Bottle: Special Preparation (Batch 1159705) Volume: 100.00000 mL <== Derived from 03 (10.0 grams)
Bottle 06 Prepared Bottle: 2 mL Glass vial (Batch 1159933) Volume: 50.00000 mL <== Derived from 03 (5 grams)
Bottle 07 Prepared Bottle: 2 mL Glass vial (Batch 1159933) Volume: 50.00000 mL <== Derived from 03 (5 grams)
Bottle 08 Prepared Bottle: 2 mL Glass vial (Batch 1159933) Volume: 50.00000 mL <== Derived from 03 (5.0 grams)
Bottle 09 Prepared Bottle: MPe Extraction (Batch 1160129) Volume: 15.00000 mL <== Derived from 02 (1.7 grams)
Bottle 10 Prepared Bottle: SAR extraction

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 353.3			02/14/2025		02/14/2025

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SAMPLE CROSS REFERENCE

Project
1135104

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Sample	Sample ID	Taken	Time	Received
2378937	*Soil 18-30*	02/03/2025	15:30:00	02/05/2025

Bottle 01 Glass Qt w/Teflon lined lid
Bottle 02 Glass 8 oz w/Teflon lined lid
Bottle 03 Glass 4 oz w/Teflon lined lid
Bottle 04 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1159499) Volume: 20.00000 mL <== Derived from 03 (1.0 grams)
Bottle 05 Prepared Bottle: Special Preparation (Batch 1159705) Volume: 100.00000 mL <== Derived from 03 (10.0 grams)
Bottle 06 Prepared Bottle: 2 mL Glass vial (Batch 1159933) Volume: 50.00000 mL <== Derived from 03 (5 grams)
Bottle 07 Prepared Bottle: 2 mL Glass vial (Batch 1159933) Volume: 50.00000 mL <== Derived from 03 (5 grams)
Bottle 08 Prepared Bottle: 2 mL Glass vial (Batch 1159933) Volume: 50.00000 mL <== Derived from 03 (5.0 grams)
Bottle 09 Prepared Bottle: MPe Extraction (Batch 1160129) Volume: 15.00000 mL <== Derived from 02 (1.7 grams)
Bottle 10 Prepared Bottle: SAR extraction

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 9056	06	1159933	02/10/2025	1160428	02/11/2025
EPA 6010B	09	1160129	02/11/2025	1160235	02/11/2025
EPA 6010B	10	1160946	02/14/2025	1160946	02/14/2025
EPA 6010C	09	1160129	02/11/2025	1160235	02/11/2025
EPA 6010C	10	1160946	02/14/2025	1160946	02/14/2025
EPA 6010B	09	1160129	02/11/2025	1160229	02/11/2025
USDA Handbook 60	01	1160928	02/14/2025	1160928	02/14/2025
EPA 9056			03/10/2025		03/10/2025
600/2-78-054 3.2.19			03/10/2025		03/10/2025
Handbook 60	01	1160677	02/13/2025	1160677	02/13/2025
EPA 351.2 2	04	1159499	02/06/2025	1159809	02/07/2025
Calculation	04	1159499	02/06/2025	1159809	03/10/2025
SM2540 G-1997 /MOD	01	1159764	02/06/2025	1159764	02/06/2025
EPA 9045D 4	01	1160017	02/10/2025	1160017	02/10/2025

Sample	Sample ID	Taken	Time	Received
2380050	*KCL BLANK*	02/03/2025	15:30:00	02/05/2025

Bottle 01 KCl Extract BLANK

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 353.3			02/14/2025		02/14/2025
EPA 9056			03/10/2025		03/10/2025

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TABE-A

Allaso Ranch
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Project
1135104

Printed: 03/10/2025

RESULTS

Sample Results

2378935 Soil 0-6 — Received: 02/05/2025

Solid & Chemical Materials — Collected by: Client — Allaso Ranch — PO:
Taken: 02/03/2025 15:00:00

Prepared: 02/05/2025 19:31:26 Calculated 02/05/2025 19:31:26 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	SUB Shipped	Verified					

600/2-78-054 3.2.19 — Prepared: 02/14/2025 16:12:37 Calculated 02/14/2025 16:12:37 CAL

Parameter	Results	Units	RL	Flags	CAS	Bottle
Sodium Adsorption Ratio	9.76	1				

Calculation — Prepared: 1159499 02/06/2025 10:39:08 Calculated 1159918 02/12/2025 13:49:17 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Nitrogen (as N)	235.462 *	mg/kg	2.21	E		04
	* Dry Weight Basis						

EPA 351.2 2 — Prepared: 1159499 02/06/2025 10:39:08 Analyzed 1159918 02/10/2025 07:53:00 AMB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Kjeldahl Nitrogen	235 *	mg/kg	2.21	P	7727-37-9	04
	* Dry Weight Basis						

EPA 353.3 — Prepared: 02/14/2025 13:30:00 Analyzed 02/14/2025 13:30:00 SUB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-nitrogen SUB(KCl Prep)	0.0637	mg/L			PACU	

EPA 6010B — Prepared: 1160129 02/11/2025 10:00:00 Analyzed 1160229 02/11/2025 13:36:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Phosphorus, Mehlich-3 extract	<27.9 *	mg/kg	27.9			09
z	Sulfur,Mehlich-3 extract	<27.9 *	mg/kg	27.9		7704-34-9	09

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TABE-A

Allaso Ranch
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Project
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Printed: 03/10/2025

2378935 Soil 0-6 — Received: 02/05/2025

Solid & Chemical Materials — Collected by: Client — Allaso Ranch — PO:
Taken: 02/03/2025 15:00:00

EPA 6010B — Prepared: 1160129 02/11/2025 10:00:00 — Analyzed 1160235 02/11/2025 13:37:00 — CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Calcium, Mehlich-3 extract	331 *	mg/kg	27.9		7440-70-2	09
z	Magnesium, Mehlich-3 extract	40.2 *	mg/kg	27.9		7439-95-4	09
z	Potassium, Mehlich-3 extract	103 *	mg/kg	27.9		7440-09-7	09

EPA 6010B — Prepared: 1160946 02/14/2025 13:38:00 — Analyzed 1160946 02/14/2025 13:38:00 — CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Calcium (SAR Extracted)	<5.00	mg/L	5.00	D	7440-70-2	10
NELAC	Magnesium (SAR Extracted)	<10.0	mg/L	10.0	D	7439-95-4	10

* Dry Weight Basis

EPA 6010C — Prepared: 1160129 02/11/2025 10:00:00 — Analyzed 1160235 02/11/2025 13:37:00 — CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Sodium, Mehlich-3 extract	49.0 *	mg/kg	14.0		7440-23-5	09

EPA 6010C — Prepared: 1160946 02/14/2025 13:38:00 — Analyzed 1160946 02/14/2025 13:38:00 — CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Sodium (SAR Extracted)	15.6	mg/L	10.0	D	7440-23-5	10

* Dry Weight Basis

EPA 9045D 4 — Prepared: 1160017 02/10/2025 10:40:00 — Analyzed 1160017 02/10/2025 10:40:00 — JMJ

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	pH Measured in Water/2:1 water:s	6.7@19c	SU			12408-02-5	01

EPA 9056 — Prepared: 02/18/2025 07:48:20 — Calculated 02/18/2025 07:48:20 — CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-Nitrogen (KCl Extract)	<1	mg/kg	1		14797-55-8	

EPA 9056 — Prepared: 1159933 02/10/2025 10:52:51 — Analyzed 1160428 02/11/2025 17:14:00 — KRA

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-Nitrogen	0.462 *	mg/kg	0.254		14797-55-8	08

* Dry Weight Basis

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Allaso Ranch
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Project
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Printed: 03/10/2025

2378935 Soil 0-6

Received: 02/05/2025

Solid & Chemical Materials | Collected by: Client | Allaso Ranch | PO:
Taken: 02/03/2025 15:00:00

Handbook 60 — Prepared: 1160677 02/13/2025 12:30:00 — Analyzed 1160677 02/13/2025 12:30:00 BEK

	Parameter	Results	Units	RL	Flags	CAS	Bottle
	Saturated Water Percentage	19.6	%	0.100			01

SM2540 G-1997 /MOD — Prepared: 1159764 02/06/2025 06:35:00 — Analyzed 1159764 02/06/2025 06:35:00 BEK

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Solids for Dry Wt Conversi	89.1	%	0.010			01

USDA Handbook 60 — Prepared: 1160928 02/14/2025 08:51:00 — Analyzed 1160928 02/14/2025 08:51:00 TRC

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Conductance @ 25C(Sat Paste)	42.0	umhos/cm				01

2378936 Soil 6-18

Received: 02/05/2025

Solid & Chemical Materials | Collected by: Client | Allaso Ranch | PO:
Taken: 02/03/2025 15:15:00

Prepared: 03/10/2025 08:22:02 — Calculated 03/10/2025 08:22:02 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	SUB Shipped	Verified					

600/2-78-054 3.2.19 — Prepared: 03/10/2025 08:21:55 — Calculated 03/10/2025 08:21:55 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
	Sodium Adsorption Ratio	0.0471	1				

Calculation — Prepared: 1159499 02/06/2025 10:39:08 — Calculated 1159809 03/10/2025 08:21:55 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Nitrogen (as N)	132.331 *	mg/kg	1.07			04

* Dry Weight Basis

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Project
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Printed: 03/10/2025

2378936 Soil 6-18 Received: 02/05/2025

Solid & Chemical Materials Collected by: Client Allaso Ranch PO:
Taken: 02/03/2025 15:15:00

EPA 351.2 2 Prepared: 1159499 02/06/2025 10:39:08 Analyzed 1159809 02/07/2025 06:34:00 AMB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Kjeldahl Nitrogen	132 *	mg/kg	1.07		7727-37-9	04

* Dry Weight Basis

EPA 353.3 Prepared: 02/14/2025 13:31:00 Analyzed 02/14/2025 13:31:00 SUB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-nitrogen SUB(KCl Prep)	<0.0500	mg/L	0.0500		PACU	

EPA 6010B Prepared: 1160129 02/11/2025 10:00:00 Analyzed 1160229 02/11/2025 13:49:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Phosphorus, Mehlich-3 extract	<26.1 *	mg/kg	26.1			07
z	Sulfur,Mehlich-3 extract	<26.1 *	mg/kg	26.1		7704-34-9	07

EPA 6010B Prepared: 1160129 02/11/2025 10:00:00 Analyzed 1160235 02/11/2025 13:50:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Calcium, Mehlich-3 extract	296 *	mg/kg	26.1		7440-70-2	07
z	Magnesium, Mehlich-3 extract	37.8 *	mg/kg	26.1		7439-95-4	07
z	Potassium, Mehlich-3 extract	147 *	mg/kg	26.1		7440-09-7	07

EPA 6010B Prepared: 1160946 02/14/2025 13:45:00 Analyzed 1160946 02/14/2025 13:45:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Calcium (SAR Extracted)	<5.00	mg/L	5.00		7440-70-2	08
NELAC	Magnesium (SAR Extracted)	<10.0	mg/L	10.0		7439-95-4	08

* Dry Weight Basis

EPA 6010C Prepared: 1160129 02/11/2025 10:00:00 Analyzed 1160235 02/11/2025 13:50:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Sodium, Mehlich-3 extract	40.7 *	mg/kg	13.0		7440-23-5	07

EPA 6010C Prepared: 1160946 02/14/2025 13:45:00 Analyzed 1160946 02/14/2025 13:45:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Sodium (SAR Extracted)	<10.0	mg/L	10.0		7440-23-5	08

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TABE-A

Allaso Ranch
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Project
1135104

Printed: 03/10/2025

2378936 Soil 6-18

Received: 02/05/2025

Solid & Chemical Materials | Collected by: Client | Allaso Ranch | PO:
Taken: 02/03/2025 15:15:00

* Dry Weight Basis

EPA 9045D 4 — Prepared: 1160017 02/10/2025 10:40:00 — Analyzed: 1160017 02/10/2025 10:40:00 — JMJ

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	pH Measured in Water/2:1 water:s	6.9@19c	SU			12408-02-5	01

EPA 9056 — Prepared: 03/10/2025 08:21:55 — Calculated: 03/10/2025 08:21:55 — CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-Nitrogen (KCl Extract)	<1.10 *	mg/kg	1.10		14797-55-8	

EPA 9056 — Prepared: 1159933 02/10/2025 10:52:51 — Analyzed: 1160428 02/11/2025 17:39:00 — KRA

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-Nitrogen	0.331 *	mg/kg	0.248		14797-55-8	06

* Dry Weight Basis

Handbook 60 — Prepared: 1160677 02/13/2025 12:30:00 — Analyzed: 1160677 02/13/2025 12:30:00 — BEK

	Parameter	Results	Units	RL	Flags	CAS	Bottle
	Saturated Water Percentage	16.9	%	0.100			01

SM2540 G-1997 /MOD — Prepared: 1159764 02/06/2025 06:35:00 — Analyzed: 1159764 02/06/2025 06:35:00 — BEK

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Solids for Dry Wt Conversi	91.2	%	0.010			01

USDA Handbook 60 — Prepared: 1160928 02/14/2025 08:51:00 — Analyzed: 1160928 02/14/2025 08:51:00 — TRC

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Conductance @ 25C(Sat Paste)	40.0	umhos/cm				01

2378937 Soil 18-30

Received: 02/05/2025

Solid & Chemical Materials | Collected by: Client | Allaso Ranch | PO:
Taken: 02/03/2025 15:30:00

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TABE-A

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Project
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Printed: 03/10/2025

2378937 **Soil 18-30** Received: 02/05/2025

Solid & Chemical Materials Collected by: Client Allaso Ranch PO:
Taken: 02/03/2025 15:30:00

Prepared: 03/10/2025 08:22:02 Calculated 03/10/2025 08:22:02 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	**SUB Shipped**	**Verified**					

600/2-78-054 3.2.19 Prepared: 03/10/2025 08:21:55 Calculated 03/10/2025 08:21:55 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
	Sodium Adsorption Ratio	**0.0471**	**1**				

Calculation Prepared: 1159499 02/06/2025 10:39:08 Calculated 1159809 03/10/2025 08:21:55 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Total Nitrogen (as N)**	**161 ***	**mg/kg**	1.12			04
	* Dry Weight Basis						

EPA 351.2 2 Prepared: 1159499 02/06/2025 10:39:08 Analyzed 1159809 02/07/2025 06:34:00 AMB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Total Kjeldahl Nitrogen**	**161 ***	**mg/kg**	1.12		**7727-37-9**	04
	* Dry Weight Basis						

EPA 353.3 Prepared: 02/14/2025 13:32:00 Analyzed 02/14/2025 13:32:00 SUB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Nitrate-nitrogen SUB(KCl Prep)**	**<0.0500**	**mg/L**	0.0500		**PACU**	

EPA 6010B Prepared: 1160129 02/11/2025 10:00:00 Analyzed 1160229 02/11/2025 13:52:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	**Phosphorus, Mehlich-3 extract**	**<25.1 ***	**mg/kg**	25.1			09
z	**Sulfur,Mehlich-3 extract**	**<25.1 ***	**mg/kg**	25.1		**7704-34-9**	09

EPA 6010B Prepared: 1160129 02/11/2025 10:00:00 Analyzed 1160235 02/11/2025 13:54:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	**Calcium, Mehlich-3 extract**	**426 ***	**mg/kg**	25.1		**7440-70-2**	09
z	**Magnesium, Mehlich-3 extract**	**94.4 ***	**mg/kg**	25.1		**7439-95-4**	09

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TABE-A

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Printed: 03/10/2025

2378937 **Soil 18-30** Received: 02/05/2025

Solid & Chemical Materials | Collected by: Client | Allaso Ranch | PO:
Taken: 02/03/2025 15:30:00

EPA 6010B Prepared: 1160129 02/11/2025 10:00:00 Analyzed 1160235 02/11/2025 13:54:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Potassium, Mehlich-3 extract	113 *	mg/kg	25.1		7440-09-7	09

EPA 6010B Prepared: 1160946 02/14/2025 13:48:00 Analyzed 1160946 02/14/2025 13:48:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Calcium (SAR Extracted)	<5.00	mg/L	5.00		7440-70-2	10
NELAC	Magnesium (SAR Extracted)	<10.0	mg/L	10.0		7439-95-4	10

* Dry Weight Basis

EPA 6010C Prepared: 1160129 02/11/2025 10:00:00 Analyzed 1160235 02/11/2025 13:54:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Sodium, Mehlich-3 extract	35.3 *	mg/kg	12.6		7440-23-5	09

EPA 6010C Prepared: 1160946 02/14/2025 13:48:00 Analyzed 1160946 02/14/2025 13:48:00 CAS

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Sodium (SAR Extracted)	<10.0	mg/L	10.0		7440-23-5	10

* Dry Weight Basis

EPA 9045D 4 Prepared: 1160017 02/10/2025 10:40:00 Analyzed 1160017 02/10/2025 10:40:00 JMJ

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	pH Measured in Water/2:1 water:s	6.7@19c	SU			12408-02-5	01

EPA 9056 Prepared: 03/10/2025 08:21:55 Calculated 03/10/2025 08:21:55 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-Nitrogen (KCl Extract)	<1.12 *	mg/kg	1.12		14797-55-8	

EPA 9056 Prepared: 1159933 02/10/2025 10:52:51 Analyzed 1160428 02/11/2025 18:03:00 KRA

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-Nitrogen	<0.253 *	mg/kg	0.253		14797-55-8	06

* Dry Weight Basis

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TABE-A

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Hawkins, TX 75765

Project
1135104

Printed: 03/10/2025

2378937 Soil 18-30

Received: 02/05/2025

Solid & Chemical Materials | Collected by: Client | Allaso Ranch | PO:
Taken: 02/03/2025 15:30:00

Handbook 60 — Prepared: 1160677 02/13/2025 12:30:00 — Analyzed: 1160677 02/13/2025 12:30:00 — BEK

	Parameter	Results	Units	RL	Flags	CAS	Bottle
	Saturated Water Percentage	33.5	%	0.100			01

SM2540 G-1997 /MOD — Prepared: 1159764 02/06/2025 06:35:00 — Analyzed: 1159764 02/06/2025 06:35:00 — BEK

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Solids for Dry Wt Conversi	89.2	%	0.010			01

USDA Handbook 60 — Prepared: 1160928 02/14/2025 08:51:00 — Analyzed: 1160928 02/14/2025 08:51:00 — TRC

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Conductance @ 25C(Sat Paste)	43.1	umhos/cm				01

2380050 KCL BLANK

Received: 02/05/2025

Solid & Chemical Materials | Collected by: Client | Allaso Ranch | PO:
Taken: 02/03/2025 15:30:00

EPA 353.3 — Prepared: 02/14/2025 13:33:00 — Analyzed: 02/14/2025 13:33:00 — SUB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-nitrogen SUB(KCl Prep)	<0.0500	mg/L	0.0500		PACU	

EPA 9056 — Prepared: 03/10/2025 08:21:55 — Calculated: 03/10/2025 08:21:55 — CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Nitrate-Nitrogen (KCl Extract)	<1	mg/kg	1		14797-55-8	

* Dry Weight Basis

Sample Preparation

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TABE-A

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Project
1135104

Printed: 03/10/2025

2378935 **Soil 0-6** Received: 02/05/2025

02/03/2025

		Prepared:		*02/05/2025*	*20:01:15*	*Calculated*	*02/05/2025*	*20:01:15*	*CAL*
z	**Enviro Fee (per Sampling Group)**	**Verified**							
	600/2-78-054 3.2.19	*Prepared:*	*1160929*	*02/14/2025*	*09:26:00*	*Analyzed*	*1160929*	*02/14/2025*	*09:26:00* *NCB*
	Sodium Adsorption Ratio Extract	**prepared/prepar**	**grams**						01
	Black 84.2	*Prepared:*	*1159705*	*02/07/2025*	*06:45:00*	*Analyzed*	*1159705*	*02/07/2025*	*06:45:00* *AMB*
z	**KCl Extraction**	**100/10.00**	**grams**						03
	Calculation	*Prepared:*		*02/18/2025*	*07:48:31*	*Calculated*	*02/18/2025*	*07:48:31*	*CAL*
	As Received to Dry Weight Basis	**Calculated**							
	EPA 351.2 2	*Prepared:*	*1159499*	*02/06/2025*	*10:39:08*	*Analyzed*	*1159499*	*02/06/2025*	*10:39:08* *MEG*
NELAC	**TKN Block Digestion**	**20/1.0143**	**grams**						03
	EPA 6010B	*Prepared:*		*02/14/2025*	*16:12:37*	*Calculated*	*02/14/2025*	*16:12:37*	*CAL*
NELAC	**Calcium (SAR) meq/L calculation**	**<0.250**	**meq/L**	0.250			**7440-70-2**		
NELAC	**Magnesium (SAR) meq/L calculatio**	**<0.833**	**meq/L**	0.833			**7439-95-4**		
	EPA 6010C	*Prepared:*		*02/14/2025*	*16:12:37*	*Calculated*	*02/14/2025*	*16:12:37*	*CAL*
NELAC	**Sodium (SAR) meq/L calculation**	**0.679**	**meq/L**	0.435			**7440-23-5**		

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1
2

TABE-A

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2378935 Soil 0-6 — Received: 02/05/2025

02/03/2025

EPA 9056	*Prepared:*	*1159933*	*02/10/2025*	*10:52:51*	*Analyzed*	*1159933*	*02/10/2025*	*10:52:51*	*PEV*	
	Water Extract-Ion Chromatography	**50/4.99**	**grams**							03
Mehlich-3 Extraction	*Prepared:*	*1160129*	*02/11/2025*	*10:00:00*	*Analyzed*	*1160129*	*02/11/2025*	*10:00:00*	*TES*	
z	**Mehlich-3 Extraction**	**15/1.5059**	**grams**							02
SM 2540 G-1997	*Prepared:*	*1159437*	*02/06/2025*	*06:35:00*	*Analyzed*	*1159437*	*02/06/2025*	*06:35:00*	*BEK*	
NELAC	**Total Solids Start Code**	**Started**								

2378936 Soil 6-18 — Received: 02/05/2025

02/03/2025

600/2-78-054 3.2.19	*Prepared:*	*1160929*	*02/14/2025*	*09:26:00*	*Analyzed*	*1160929*	*02/14/2025*	*09:26:00*	*NCB*	
	Sodium Adsorption Ratio Extract	**prepared/prepar**	**grams**							01
Black 84.2	*Prepared:*	*1159705*	*02/07/2025*	*06:45:00*	*Analyzed*	*1159705*	*02/07/2025*	*06:45:00*	*AMB*	
z	**KCl Extraction**	**100/10.01**	**grams**							03
Calculation	*Prepared:*		*02/18/2025*	*07:48:31*	*Calculated*		*02/18/2025*	*07:48:31*	*CAL*	
	As Received to Dry Weight Basis	**Calculated**								

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2378936 Soil 6-18 Received: 02/05/2025

02/03/2025

	EPA 351.2 2	*Prepared:*	*1159499*	*02/06/2025*	*10:39:08*	*Analyzed*	*1159499*	*02/06/2025*	*10:39:08*	*MEG*
NELAC	**TKN Block Digestion**	**20/1.0288**		**grams**						03
	EPA 6010B	*Prepared:*		*03/10/2025*	*08:21:55*	*Calculated*		*03/10/2025*	*08:21:55*	*CAL*
NELAC	**Calcium (SAR) meq/L calculation**	**<0.250**		**meq/L**	0.250			**7440-70-2**		
NELAC	**Magnesium (SAR) meq/L calculatio**	**<0.833**		**meq/L**	0.833			**7439-95-4**		
	EPA 6010C	*Prepared:*		*03/10/2025*	*08:21:55*	*Calculated*		*03/10/2025*	*08:21:55*	*CAL*
NELAC	**Sodium (SAR) meq/L calculation**	**<0.435**		**meq/L**	0.435			**7440-23-5**		
	EPA 9056	*Prepared:*	*1159933*	*02/10/2025*	*10:52:51*	*Analyzed*	*1159933*	*02/10/2025*	*10:52:51*	*PEV*
	Water Extract-Ion Chromatography	**50/5.0**		**grams**						03
	Mehlich-3 Extraction	*Prepared:*	*1160129*	*02/11/2025*	*10:00:00*	*Analyzed*	*1160129*	*02/11/2025*	*10:00:00*	*TES*
z	**Mehlich-3 Extraction**	**15/1.5786**		**grams**						02
	SM 2540 G-1997	*Prepared:*	*1159437*	*02/06/2025*	*06:35:00*	*Analyzed*	*1159437*	*02/06/2025*	*06:35:00*	*BEK*
NELAC	**Total Solids Start Code**	**Started**								

2378937 Soil 18-30 Received: 02/05/2025

02/03/2025

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Printed: 03/10/2025

2378937 **Soil 18-30** Received: 02/05/2025

02/03/2025

600/2-78-054 3.2.19	*Prepared:*	*1160929*	*02/14/2025*	*09:26:00*	*Analyzed*	*1160929*	*02/14/2025*	*09:26:00*	*NCB*	
Sodium Adsorption Ratio Extract	**prepared/prepar**		**grams**							01
Black 84.2	*Prepared:*	*1159705*	*02/07/2025*	*06:45:00*	*Analyzed*	*1159705*	*02/07/2025*	*06:45:00*	*AMB*	
z **KCl Extraction**	**100/10.02**		**grams**							03
Calculation	*Prepared:*		*02/18/2025*	*07:48:31*	*Calculated*		*02/18/2025*	*07:48:31*	*CAL*	
As Received to Dry Weight Basis	**Calculated**									
EPA 351.2 2	*Prepared:*	*1159499*	*02/06/2025*	*10:39:08*	*Analyzed*	*1159499*	*02/06/2025*	*10:39:08*	*MEG*	
NELAC **TKN Block Digestion**	**20/1.0019**		**grams**							03
EPA 6010B	*Prepared:*		*03/10/2025*	*08:21:55*	*Calculated*		*03/10/2025*	*08:21:55*	*CAL*	
NELAC **Calcium (SAR) meq/L calculation**	**<0.250**		**meq/L**	0.250			**7440-70-2**			
NELAC **Magnesium (SAR) meq/L calculatio**	**<0.833**		**meq/L**	0.833			**7439-95-4**			
EPA 6010C	*Prepared:*		*03/10/2025*	*08:21:55*	*Calculated*		*03/10/2025*	*08:21:55*	*CAL*	
NELAC **Sodium (SAR) meq/L calculation**	**<0.435**		**meq/L**	0.435			**7440-23-5**			
EPA 9056	*Prepared:*	*1159933*	*02/10/2025*	*10:52:51*	*Analyzed*	*1159933*	*02/10/2025*	*10:52:51*	*PEV*	
Water Extract-Ion Chromatography	**50/5.0**		**grams**							03

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2378937 Soil 18-30 Received: 02/05/2025

02/03/2025

Mehlich-3 Extraction	*Prepared:*	*1160129*	*02/11/2025*	*10:00:00*	*Analyzed*	*1160129*	*02/11/2025*	*10:00:00*	*TES*
z **Mehlich-3 Extraction**	**15/1.6729**	**grams**							02
SM 2540 G-1997	*Prepared:*	*1159437*	*02/06/2025*	*06:35:00*	*Analyzed*	*1159437*	*02/06/2025*	*06:35:00*	*BEK*
NELAC **Total Solids Start Code**	**Started**								

Qualifiers:

D - Duplicate RPD was higher than expected E - Estimated Value
P - Spike recovery outside control limits due to matrix effects.

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

Bill Peery, MS, VP Technical Services

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
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Project
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Printed 03/10/2025

Analytical Set 1159809 — EPA 351.2 2

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Kjeldahl Nitrogen	1159499	ND	0.378	1.00	mg/kg	127289882

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Kjeldahl Nitrogen	5.24	5.00	mg/kg	105	90.0 - 110	127289876
Total Kjeldahl Nitrogen	5.32	5.00	mg/kg	106	90.0 - 110	127289877
Total Kjeldahl Nitrogen	5.37	5.00	mg/kg	107	90.0 - 110	127289878
Total Kjeldahl Nitrogen	5.28	5.00	mg/kg	106	90.0 - 110	127289879
Total Kjeldahl Nitrogen	5.27	5.00	mg/kg	105	90.0 - 110	127289880
Total Kjeldahl Nitrogen	5.28	5.00	mg/kg	106	90.0 - 110	127289881
Total Kjeldahl Nitrogen	5.31	5.00	mg/kg	106	90.0 - 110	127289886
Total Kjeldahl Nitrogen	5.36	5.00	mg/kg	107	90.0 - 110	127289891

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Kjeldahl Nitrogen	2378935	170	196	mg/kg	14.2	20.0

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Kjeldahl Nitrogen	5.34	5.00	mg/kg	107	90.0 - 110	127289875

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Total Kjeldahl Nitrogen	1159499	95.2	95.1	100	90.0 - 110	95.2	95.1	mg/kg	0.105	20.0

Mat. Spike

Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File	
Total Kjeldahl Nitrogen	2378935	210	196	97.5	mg/kg	14.4	80.0 - 120	127289888	*

Analytical Set 1159918 — EPA 351.2 2

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Kjeldahl Nitrogen	1159499	ND	0.378	1.00	mg/kg	127292394

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Kjeldahl Nitrogen	5.19	5.00	mg/kg	104	90.0 - 110	127292393
Total Kjeldahl Nitrogen	5.25	5.00	mg/kg	105	90.0 - 110	127292402
Total Kjeldahl Nitrogen	5.29	5.00	mg/kg	106	90.0 - 110	127292410
Total Kjeldahl Nitrogen	5.30	5.00	mg/kg	106	90.0 - 110	127292411
Total Kjeldahl Nitrogen	5.28	5.00	mg/kg	106	90.0 - 110	127292412

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Kjeldahl Nitrogen	5.48	5.00	mg/kg	110	90.0 - 110	127292392

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TABE-A

Allaso Ranch
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1135104

Printed 03/10/2025

LCS Dup

Parameter	*PrepSet*	*LCS*	*LCSD*	*Known*	*Limits%*	*LCS%*	*LCSD%*	*Units*	*RPD*	*Limit%*
Total Kjeldahl Nitrogen	1159499	95.4	95.0	100	90.0 - 110	95.4	95.0	mg/kg	0.420	20.0

Analytical Set 1159764 — SM2540 G-1997 /MOD

ControlBlk

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Total Solids for Dry Wt Conversi	1159764	0.0001			grams	127288919

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Total Solids for Dry Wt Conversi	2378168	99.7	99.6	%	0.100	20.0
Total Solids for Dry Wt Conversi	2378674	85.5	84.9	%	0.704	20.0

Analytical Set 1160677 — Handbook 60

ControlBlk

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Saturated Water Percentage	1160677	0.0002			grams	127308484

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Saturated Water Percentage	2378935	20.0	19.6	%	2.02	20.0

Analytical Set 1160428 — EPA 9056

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Nitrate-Nitrogen	1159933	ND	0.0185	0.0226	mg/kg	127303053

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Nitrate-Nitrogen	2.26	2.26	mg/kg	100	90.0 - 110	127303052
Nitrate-Nitrogen	2.26	2.26	mg/kg	100	90.0 - 110	127303068
Nitrate-Nitrogen	2.27	2.26	mg/kg	100	90.0 - 110	127303077

LCS Dup

Parameter	*PrepSet*	*LCS*	*LCSD*	*Known*	*Limits%*	*LCS%*	*LCSD%*	*Units*	*RPD*	*Limit%*
Nitrate-Nitrogen	1159933	1.17	1.15	1.13	75.0 - 120	104	102	mg/kg	1.72	20.0

MSD

Parameter	*Sample*	*MS*	*MSD*	*UNK*	*Known*	*Limits*	*MS%*	*MSD%*	*Units*	*RPD*	*Limit%*
Nitrate-Nitrogen	2378937	2.61	2.79	0.219	2.26	80.0 - 120	106	114	mg/kg	7.26	20.0

Analytical Set 1160229 — EPA 6010B

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Phosphorus, Mehlich-3 extract	1160129	ND	0.100	0.100	mg/kg	127299573
Sulfur,Mehlich-3 extract	1160129	ND	0.102	0.500	mg/kg	127299573

TABE-A

Allaso Ranch
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Project
1135104

Printed 03/10/2025

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Phosphorus, Mehlich-3 extract	1.03	1.00	mg/kg	103	90.0 - 110	127299572
Phosphorus, Mehlich-3 extract	1.03	1.00	mg/kg	103	90.0 - 110	127299579
Phosphorus, Mehlich-3 extract	1.05	1.00	mg/kg	105	90.0 - 110	127299585
Sulfur,Mehlich-3 extract	30.5	30.0	mg/kg	102	90.0 - 110	127299572
Sulfur,Mehlich-3 extract	30.4	30.0	mg/kg	101	90.0 - 110	127299579
Sulfur,Mehlich-3 extract	30.5	30.0	mg/kg	102	90.0 - 110	127299585

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*		*Limit%*
Phosphorus, Mehlich-3 extract	2377596	32.1	22.9	mg/kg	33.5	*	20.0
Sulfur,Mehlich-3 extract	2377596	101	120	mg/kg	17.2		20.0

ICL

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Phosphorus, Mehlich-3 extract	25.5	25.0	mg/kg	102	95.0 - 105	127299570
Sulfur,Mehlich-3 extract	40.9	40.0	mg/kg	102	95.0 - 105	127299570

ICV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Phosphorus, Mehlich-3 extract	1.02	1.00	mg/kg	102	90.0 - 110	127299571
Sulfur,Mehlich-3 extract	30.6	30.0	mg/kg	102	90.0 - 110	127299571

Analytical Set 1160235 — EPA 6010C

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Calcium, Mehlich-3 extract	1160129	ND	0.284	0.500	mg/kg	127299759
Magnesium, Mehlich-3 extract	1160129	ND	0.284	0.500	mg/kg	127299759
Potassium, Mehlich-3 extract	1160129	ND	0.284	0.500	mg/kg	127299759
Sodium, Mehlich-3 extract	1160129	ND	0.00912	0.250	mg/kg	127299759

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Calcium, Mehlich-3 extract	24.6	25.0	mg/kg	98.4	90.0 - 110	127299757
Calcium, Mehlich-3 extract	25.9	25.0	mg/kg	104	90.0 - 110	127299758
Calcium, Mehlich-3 extract	25.4	25.0	mg/kg	102	90.0 - 110	127299765
Calcium, Mehlich-3 extract	26.3	25.0	mg/kg	105	90.0 - 110	127299771
Calcium, Mehlich-3 extract	26.0	25.0	mg/kg	104	90.0 - 110	127299776
Magnesium, Mehlich-3 extract	24.5	25.0	mg/kg	98.0	90.0 - 110	127299757
Magnesium, Mehlich-3 extract	25.8	25.0	mg/kg	103	90.0 - 110	127299758
Magnesium, Mehlich-3 extract	25.1	25.0	mg/kg	100	90.0 - 110	127299765
Magnesium, Mehlich-3 extract	26.1	25.0	mg/kg	104	90.0 - 110	127299771
Potassium, Mehlich-3 extract	26.1	25.0	mg/kg	104	90.0 - 110	127299757
Potassium, Mehlich-3 extract	27.4	25.0	mg/kg	110	90.0 - 110	127299758
Potassium, Mehlich-3 extract	25.7	25.0	mg/kg	103	90.0 - 110	127299765
Potassium, Mehlich-3 extract	27.4	25.0	mg/kg	110	90.0 - 110	127299771
Sodium, Mehlich-3 extract	23.9	25.0	mg/kg	95.6	90.0 - 110	127299757

QUALITY CONTROL

TABE-A

Allaso Ranch
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Project
1135104

Printed 03/10/2025

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Sodium, Mehlich-3 extract	25.4	25.0	mg/kg	102	90.0 - 110	127299758
Sodium, Mehlich-3 extract	24.8	25.0	mg/kg	99.2	90.0 - 110	127299765
Sodium, Mehlich-3 extract	26.0	25.0	mg/kg	104	90.0 - 110	127299771

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Calcium, Mehlich-3 extract	2377596	6220	7450	mg/kg	18.0	20.0
Magnesium, Mehlich-3 extract	2377596	68.6	76.5	mg/kg	10.9	20.0
Potassium, Mehlich-3 extract	2377596	315	382	mg/kg	19.2	20.0
Sodium, Mehlich-3 extract	2377596	9.61	10.1	mg/kg	4.97	20.0

ICL

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Calcium, Mehlich-3 extract	50.6	50.0	mg/kg	101	95.0 - 105	127299751
Magnesium, Mehlich-3 extract	50.5	50.0	mg/kg	101	95.0 - 105	127299751
Potassium, Mehlich-3 extract	50.8	50.0	mg/kg	102	95.0 - 105	127299751
Sodium, Mehlich-3 extract	50.8	50.0	mg/kg	102	95.0 - 105	127299751

ICV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Calcium, Mehlich-3 extract	26.0	25.0	mg/kg	104	90.0 - 110	127299755
Magnesium, Mehlich-3 extract	25.4	25.0	mg/kg	102	90.0 - 110	127299755
Potassium, Mehlich-3 extract	27.1	25.0	mg/kg	108	90.0 - 110	127299755
Sodium, Mehlich-3 extract	25.1	25.0	mg/kg	100	90.0 - 110	127299755

LDR

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Calcium, Mehlich-3 extract	97.6	100	mg/kg	97.6	90.0 - 110	127299752
Calcium, Mehlich-3 extract	368	400	mg/kg	92.0	90.0 - 110	127299775
Magnesium, Mehlich-3 extract	104	100	mg/kg	104	90.0 - 110	127299752
Potassium, Mehlich-3 extract	98.8	100	mg/kg	98.8	90.0 - 110	127299752
Sodium, Mehlich-3 extract	108	100	mg/kg	108	90.0 - 110	127299752

Analytical Set 1160946 — EPA 6010C

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Calcium (SAR Extracted)	1160946	ND	0.0266	0.250	mg/L	127313059
Magnesium (SAR Extracted)	1160946	ND	0.100	0.500	mg/L	127313059
Sodium (SAR Extracted)	1160946	ND	0.0753	0.500	mg/L	127313059

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Calcium (SAR Extracted)	25.7	25.0	mg/L	103	90.0 - 110	127313057
Calcium (SAR Extracted)	24.7	25.0	mg/L	98.8	90.0 - 110	127313058
Calcium (SAR Extracted)	25.0	25.0	mg/L	100	90.0 - 110	127313064
Magnesium (SAR Extracted)	25.8	25.0	mg/L	103	90.0 - 110	127313057

Email: Kilgore.ProjectManagement@spllabs.com

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1135104

Printed 03/10/2025

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Magnesium (SAR Extracted)	24.6	25.0	mg/L	98.4	90.0 - 110	127313058
Magnesium (SAR Extracted)	24.9	25.0	mg/L	99.6	90.0 - 110	127313064
Sodium (SAR Extracted)	24.9	25.0	mg/L	99.6	90.0 - 110	127313057
Sodium (SAR Extracted)	24.4	25.0	mg/L	97.6	90.0 - 110	127313058
Sodium (SAR Extracted)	24.3	25.0	mg/L	97.2	90.0 - 110	127313064

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*		*Limit%*
Calcium (SAR Extracted)	2378935	0.215	1.22	mg/L	140	*	20.0
Magnesium (SAR Extracted)	2378935	0.831	1.28	mg/L	42.5	*	20.0
Sodium (SAR Extracted)	2378935	12.6	15.6	mg/L	21.3	*	20.0

ICL

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Calcium (SAR Extracted)	49.9	50.0	mg/L	99.8	95.0 - 105	127313051
Magnesium (SAR Extracted)	49.9	50.0	mg/L	99.8	95.0 - 105	127313051
Sodium (SAR Extracted)	50.4	50.0	mg/L	101	95.0 - 105	127313051

ICV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Calcium (SAR Extracted)	25.5	25.0	mg/L	102	90.0 - 110	127313055
Magnesium (SAR Extracted)	25.1	25.0	mg/L	100	90.0 - 110	127313055
Sodium (SAR Extracted)	24.7	25.0	mg/L	98.8	90.0 - 110	127313055

LDR

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Calcium (SAR Extracted)	95.4	100	mg/L	95.4	90.0 - 110	127313052
Magnesium (SAR Extracted)	102	100	mg/L	102	90.0 - 110	127313052
Sodium (SAR Extracted)	106	100	mg/L	106	90.0 - 110	127313052

Analytical Set 1160017 — EPA 9045D 4

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
pH Measured in Water/2:1 water:s	2378935	6.70	6.70	SU	0	20.0

Standard

Parameter	*Sample*	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
pH Measured in Water/2:1 water:s	1160017	6.01	6.00	SU	100	90.0 - 110	127295026
pH Measured in Water/2:1 water:s	1160017	8.02	8.00	SU	100	90.0 - 110	127295027
pH Measured in Water/2:1 water:s	1160017	6.00	6.00	SU	100	90.0 - 110	127295032
pH Measured in Water/2:1 water:s	1160017	8.01	8.00	SU	100	90.0 - 110	127295033

Analytical Set 1160928 — USDA Handbook 60

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Conductance @ 25C(Sat Paste)	1160928	0.508			umhos/cm	127312780

Email: Kilgore.ProjectManagement@spllabs.com

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1135104

Printed 03/10/2025

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Conductance @ 25C(Sat Paste)	2378935	37.6	42.0	umhos/cm	11.1	20.0

ICV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Conductance @ 25C(Sat Paste)	12.5	12.9	umhos/cm	96.9	90.0 - 110	127312783

Standard

Parameter	*Sample*	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Conductance @ 25C(Sat Paste)	1160928	1420	1410	umhos/cm	101	90.0 - 110	127312781
Conductance @ 25C(Sat Paste)	1160928	99.4	100	umhos/cm	99.4	90.0 - 110	127312782
Conductance @ 25C(Sat Paste)	1160928	1420	1410	umhos/cm	101	90.0 - 110	127312788

* 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); 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.); LDR - Linear Dynamic Range Standard; 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.)

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CHAIN OF CUSTODY

Printed 01/28/2025 Page 1 of 2

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE -A
106

Lab Number 2378935

PO Number

Phone 903/574-0627

Soil 0-6

☐ *Hand Delivered by Client to Region or LAB*

Matrix: Solid & Chemical Materials

Sample Collection Start

Date: 2-3-25 Time: 3:00 pm

Sampler Printed Name: Dennis Worrell

Sampler Affiliation: Allaso Ranch

Sampler Signature:

Samples Radioactive? ☐ Samples Contains Dioxin? ☐ Samples Biological Hazard? ☐

1 Glass Qt w/Teflon lined lid

	*Can	Calcium, Mehlich-3 extract	EPA 6010B CAS:7440-70-2 (180 days)
NELAC	*Caq	Calcium (SAR) meq/L calculation	EPA 6010B CAS:7440-70-2 (180 days)
NELAC	*Cas	Calcium (SAR Extracted)	EPA 6010B CAS:7440-70-2 (180 days)
	*Kn	Potassium, Mehlich-3 extract	EPA 6010B CAS:7440-09-7 (180 days)
	*Mgn	Magnesium, Mehlich-3 extract	EPA 6010B CAS:7439-95-4 (180 days)
NELAC	*Mgq	Magnesium (SAR) meq/L calculatio	EPA 6010B CAS:7439-95-4 (180 days)
NELAC	*Mgs	Magnesium (SAR Extracted)	EPA 6010B CAS:7439-95-4 (180 days)
	*MPe	Mehlich-3 Extraction	Mehlich-3 Extraction (180 days)
	*Nan	Sodium, Mehlich-3 extract	EPA 6010C CAS:7440-23-5 (180 days)
NELAC	*Naq	Sodium (SAR) meq/L calculation	EPA 6010C CAS:7440-23-5 (180 days)
NELAC	*Nas	Sodium (SAR Extracted)	EPA 6010C CAS:7440-23-5 (180 days)
	*Pm	Phosphorus, Mehlich-3 extract	EPA 6010B (180 days)
	*SAR	Sodium Adsorption Ratio Extract	600/2-78-054 3.2.19 (180 days)
	*Sm	Sulfur,Mehlich-3 extract	EPA 6010B CAS:7704-34-9 (180 days)
	SAR	Sodium Adsorption Ratio	600/2-78-054 3.2.19
	SWP	Saturated Water Percentage	Handbook 60

1135104 CoC Print Group 001 of 002

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CHAIN OF CUSTODY

Printed 01/28/2025 Page 2 of 2

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE -A
106

1 Glass 8 oz w/Teflon lined lid

NELAC	Subcontract	!N3K	Nitrate-nitrogen SUB(KCl Prep)	EPA 353.3 CAS:PACU (28.0 day·)
NELAC		EC60	Conductance @ 25C(Sat Paste)	USDA Handbook 60

1 Glass 4 oz w/Teflon lined lid

NELAC		!N3S	Nitrate-Nitrogen	EPA 9056 CAS:14797-55-8 (28.0 days)
		*KCL	KCl Extraction	Black 84.2 (180 days)
NELAC		pHLZ	pH Measured in Water/2:1 water:s	EPA 9045D 4 CAS:12408-02-5 (.80 days)
NELAC		TKN	Total Kjeldahl Nitrogen	EPA 351.2 2 CAS:7727-37-9 (28.0 days)
NELAC		TS%	Total Solids for Dry Wt Conversi	SM2540 G-1997 /MOD

0 Z -- No bottle required

		ARDW	As Received to Dry Weight Basis	Calculation
NELAC		TNit	Total Nitrogen (as N)	Calculation (28.0 days)

Ambient Conditions/Comments

Date	Time	Relinquished		Received	
2-5-25	10:07	Printed Name: Dennis Worrell	Affiliation	Printed Name: Danny Dagnel	Affiliation: SPL
		Signature		Signature: Danny Dagnel	
2/5/25	1500	Printed Name: Danny Dagnel	Affiliation: SPL	Printed Name: Ashley Vasquez - SPL, Inc.	Affiliation
		Signature: Danny Dagnel		Signature	
		Printed Name	Affiliation	Printed Name	Affiliation
		Signature		Signature	
		Printed Name	Affiliation	Printed Name	Affiliation
		Signature		Signature	

Sample Received on Ice? ☒ Yes ☐ No
Cooler/Sample Secure? ☐ Yes ☐ 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 #00323.

Comments

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CHAIN OF CUSTODY

Printed 01/28/2025 Page 1 of 2

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE -A
107

Lab Number 2378936

PO Number

Phone 903/574-0627

Soil 6-18

☐ Hand Delivered by Client to Region or LAB

Matrix: Solid & Chemical Materials

Sample Collection Start

Date: 2-3-25 Time: 3:15pm

Sampler Printed Name: Dennis Worrell

Sampler Affiliation: Allaso Ranch

Sampler Signature:

Samples Radioactive? ☐ Samples Contains Dioxin? ☐ Samples Biological Hazard? ☐

1 Glass Qt w/Teflon lined lid

	*Can	Calcium, Mehlich-3 extract	EPA 6010B CAS:7440-70-2 (180 days)
NELAC	*Caq	Calcium (SAR) meq/L calculation	EPA 6010B CAS:7440-70-2 (180 days)
NELAC	*Cas	Calcium (SAR Extracted)	EPA 6010B CAS:7440-70-2 (180 days)
	*Kn	Potassium, Mehlich-3 extract	EPA 6010B CAS:7440-09-7 (180 days)
	*Mgn	Magnesium, Mehlich-3 extract	EPA 6010B CAS:7439-95-4 (180 days)
NELAC	*Mgq	Magnesium (SAR) meq/L calculatio	EPA 6010B CAS:7439-95-4 (180 days)
NELAC	*Mgs	Magnesium (SAR Extracted)	EPA 6010B CAS:7439-95-4 (180 days)
	*MPe	Mehlich-3 Extraction	Mehlich-3 Extraction (180 days
	*Nan	Sodium, Mehlich-3 extract	EPA 6010C CAS:7440-23-5 (180 days)
NELAC	*Naq	Sodium (SAR) meq/L calculation	EPA 6010C CAS:7440-23-5 (180 days)
NELAC	*Nas	Sodium (SAR Extracted)	EPA 6010C CAS:7440-23-5 (180 days)
	*Pm	Phosphorus, Mehlich-3 extract	EPA 6010B (180 days)
	*SAR	Sodium Adsorption Ratio Extract	600/2-78-054 3.2.19 (180 days)
	*Sm	Sulfur,Mehlich-3 extract	EPA 6010B CAS:7704-34-9 (180 days)
	SAR	Sodium Adsorption Ratio	600/2-78-054 3.2.19
	SWP	Saturated Water Percentage	Handbook 60

1135104 CoC Print Group 001 of 002

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CHAIN OF CUSTODY

Printed 01/28/2025 Page 2 of 2

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE -A
107

1 Glass 8 oz w/Teflon lined lid

NELAC	**Subcontract**	!N3K	Nitrate-nitrogen SUB(KCl Prep)	EPA 353.3 CAS:PACU (28.0 days)
NELAC		EC60	Conductance @ 25C(Sat Paste)	USDA Handbook 60

1 Glass 4 oz w/Teflon lined lid

NELAC	!N3S	Nitrate-Nitrogen	EPA 9056 CAS:14797-55-8 (28.0 days)
	*KCL	KCl Extraction	Black 84.2 (180 days)
NELAC	pHLZ	pH Measured in Water/2:1 water:s	EPA 9045D 4 CAS:12408-02-5 (180 days)
NELAC	TKN	Total Kjeldahl Nitrogen	EPA 351.2 2 CAS:7727-37-9 (28.0 days)
NELAC	TS%	Total Solids for Dry Wt Conversi	SM2540 G-1997 /MOD

0 Z -- No bottle required

	ARDW	As Received to Dry Weight Basis	Calculation
NELAC	TNit	Total Nitrogen (as N)	Calculation (28.0 days)

Ambient Conditions/Comments

Date	Time	Relinquished	Received
25-25	10107	Printed Name: Dennis Worrell Affiliation:	Printed Name: Barry Dagnel Affiliation: SPL
		Signature:	Signature: Barry Dagnel
2/5/25	1500	Printed Name: Barry Dagnel Affiliation: SPL	Printed Name: Ashley Vasquez Affiliation: SPL, Inc
		Signature: Barry Dagnel	Signature:
		Printed Name: Affiliation:	Printed Name: Affiliation:
		Signature:	Signature:
		Printed Name: Affiliation:	Printed Name: Affiliation:
		Signature:	Signature:

Sample Received on Ice? [X] Yes [ ] No
Cooler/Sample Secure? [X] Yes [ ] 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

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CHAIN OF CUSTODY

Printed 01/28/2025 Page 1 of 2

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE -A
108

Lab Number 2378937

PO Number

Phone 903/574-0627

Soil 18-30

☐ Hand Delivered by Client to Region or LAB

Matrix: Solid & Chemical Materials

Sample Collection Start

Date: 2-3-25 Time: 3:50pm

Sampler Printed Name: Dennis Worrell

Sampler Affiliation: Allaso Ranch

Sampler Signature:

Samples Radioactive? ☐ Samples Contains Dioxin? ☐ Samples Biological Hazard? ☐

1 Glass Qt w/Teflon lined lid

	*Can	Calcium, Mehlich-3 extract	EPA 6010B CAS:7440-70-2 (180 days)
NELAC	*Caq	Calcium (SAR) meq/L calculation	EPA 6010B CAS:7440-70-2 (180 days)
NELAC	*Cas	Calcium (SAR Extracted)	EPA 6010B CAS:7440-70-2 (180 days)
	*Kn	Potassium, Mehlich-3 extract	EPA 6010B CAS:7440-09-7 (180 days)
	*Mgn	Magnesium, Mehlich-3 extract	EPA 6010B CAS:7439-95-4 (180 days)
NELAC	*Mgq	Magnesium (SAR) meq/L calculatio	EPA 6010B CAS:7439-95-4 (180 days)
NELAC	*Mgs	Magnesium (SAR Extracted)	EPA 6010B CAS:7439-95-4 (180 days)
	*MPe	Mehlich-3 Extraction	Mehlich-3 Extraction (180 days)
	*Nan	Sodium, Mehlich-3 extract	EPA 6010C CAS:7440-23-5 (180 days)
NELAC	*Naq	Sodium (SAR) meq/L calculation	EPA 6010C CAS:7440-23-5 (180 days)
NELAC	*Nas	Sodium (SAR Extracted)	EPA 6010C CAS:7440-23-5 (180 days)
	*Pm	Phosphorus, Mehlich-3 extract	EPA 6010B (180 days)
	*SAR	Sodium Adsorption Ratio Extract	600/2-78-054 3.2.19 (180 days)
	*Sm	Sulfur,Mehlich-3 extract	EPA 6010B CAS:7704-34-9 (180 days)
	SAR	Sodium Adsorption Ratio	600/2-78-054 3.2.19
	SWP	Saturated Water Percentage	Handbook 60

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CHAIN OF CUSTODY

Printed 01/28/2025 Page 2 of 2

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE -A
108

1 Glass 8 oz w/Teflon lined lid

NELAC	**Subcontract** !N3K	Nitrate-nitrogen SUB(KCl Prep)	EPA 353.3 CAS:PACU (28.0 days)
NELAC	EC60	Conductance @ 25C(Sat Paste)	USDA Handbook 60

1 Glass 4 oz w/Teflon lined lid

NELAC	!N3S	Nitrate-Nitrogen	EPA 9056 CAS:14797-55-8 (28.0 days)
	*KCL	KCl Extraction	Black 84.2 (180 days)
NELAC	pHLZ	pH Measured in Water/2:1 water:s	EPA 9045D 4 CAS:12408-02-5 (180 days)
NELAC	TKN	Total Kjeldahl Nitrogen	EPA 351.2 2 CAS:7727-37-9 (28.0 days)
NELAC	TS%	Total Solids for Dry Wt Conversi	SM2540 G-1997 /MOD

0 Z -- No bottle required

	ARDW	As Received to Dry Weight Basis	Calculation
NELAC	TNit	Total Nitrogen (as N)	Calculation (28.0 days)

Ambient Conditions/Comments

Date	Time	Relinquished		Received	
2-5-25	10:07	Printed Name: Dennis Worrell	Affiliation	Printed Name: Barry Dagnel	Affiliation: SPL
		Signature		Signature: Barry Dagnel	
2/5/25	1600	Printed Name: Barry Dagnel	Affiliation: SPL	Printed Name: Ashley Vasquez - SPL, Inc	
		Signature: Barry Dagnel		Signature	
		Printed Name	Affiliation	Printed Name	Affiliation
		Signature		Signature	
		Printed Name	Affiliation	Printed Name	Affiliation
		Signature		Signature	

Sample Received on Ice? [X] Yes [ ] No
Cooler/Sample Secure? [ ] Yes [ ] 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

COOLER CHECKIN

Region/Driver/Client	BSD
Date / Time:	2/5/25 / 1500
Cooler:	of
Shipping Company:	SPL

Temp Label:

2/5 1500 AnV
Date Time Tech
Temp: 1.8 1.4 C
Therm#: 6444 Corr Fact: -0.4 C

1135104 CoC Print Group 001 of 002

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure

SUBCONTRACT CHAIN OF CUSTODY

Printed 02/08/2025 Page 1 of 1

Subcontract to:

Pace Analytical Dallas
400 West Bethany Drive
Allen TX 75013

972/727-1123

Sample	2378935
Taken:	02/03/2025 15:00:00
	GRAB
Normal TAT	

coll_temp

Soil 0-6

1 **Polyethylene 1/2 gal (White)**

Requested Test(s)

!N3K Nitrate-nitrogen SUB(KCl Prep) EPA 353.3

Shipping Temp 4

Previous Results:

Date Time	Relinquished	Date Time	Received
02/08/2025 09:31	Affiliation SPL Kilgore	02/08/2025 09:31	Affiliation SPL Kilgore
Printed Name	Andy Owens	Printed Name	
Signature		Signature	
Printed Name	Affiliation SPL Kilgore	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 [ ] No
Cooler/Sample Secure? [ ] Yes [ ] No

Method of Shipment: [ ] UPS [ ] Bus [ ] FedEx [ ] Lone Star [ ] Hand Delivered [ ] Other

If Shipped: Tracking Number & Temp - See Attached

Hand Delivered to Region [ ]

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

Project 1135104

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 75662

Kilgore.ProjectManagement@spllabs.com

1135104 CoC Print Group 001 of 002

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure

SUBCONTRACT CHAIN OF CUSTODY

Printed 02/08/2025 Page 1 of 1

Subcontract to:

Pace Analytical Dallas
400 West Bethany Drive
Allen TX 75013
972/727-1123

Sample	2378936
Taken:	02/03/2025 15:15:00
	GRAB
Normal TAT	

coll_temp

Soil 6-18

1 Polyethylene 1/2 gal (White)

Requested Test(s)

!N3K Nitrate-nitrogen SUB(KCl Prep) EPA 353.3

Shipping Temp 4

Previous Results:

Date Time	Relinquished	Date Time	Received
02/08/2025 09:31	Affiliation SPL Kilgore Printed Name Andy Owens Signature	02/08/2025 09:31	Affiliation SPL Kilgore Printed Name Signature
	Printed Name / Affiliation SPL Kilgore Signature		Printed Name / Affiliation Signature
	Printed Name / Affiliation Signature		Printed Name / Affiliation Signature
	Printed Name / Affiliation Signature		Printed Name / Affiliation Signature

Sample Received on Ice? ☐ Yes ☐ No
Cooler/Sample Secure? ☐ Yes ☐ No

Method of Shipment: ☐ UPS ☐ Bus ☐ FedEx ☐ Lone Star ☐ Hand Delivered ☐ Other

If Shipped: Tracking Number & Temp - See Attached

Hand Delivered to Region [ ]

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

Project 1135104

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 75662

Kilgore.ProjectManagement@spllabs.com

1135104 CoC Print Group 001 of 002

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure

SUBCONTRACT CHAIN OF CUSTODY

Printed 02/08/2025 Page 1 of 1

Subcontract to:

Pace Analytical Dallas
400 West Bethany Drive
Allen TX 75013

972/727-1123

Sample	2378937
Taken:	02/03/2025 15:30:00
	GRAB
Normal TAT	

coll temp

Soil 18-30

1 Polyethylene 1/2 gal (White)

Requested Test(s)

!N3K Nitrate-nitrogen SUB(KCl Prep) EPA 353.3

Shipping Temp 4

Previous Results:

Date Time	Relinquished	Date Time	Received
02/08/2025 09:32	Affiliation SPL Kilgore	02/08/2025 09:32	Affiliation SPL Kilgore
	Printed Name Andy Owens		Printed Name
	Signature		Signature
	Printed Name / Affiliation SPL Kilgore		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 ☐ No Method of Shipment: ☐ UPS ☐ Bus ☐ FedEx ☐ Lone Star ☐ Hand Delivered ☐ Other

Cooler/Sample Secure? ☐ Yes ☐ No If Shipped: Tracking Number & Temp - See Attached

Hand Delivered to Region [ ]

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

Project 1135104

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 75662

Kilgore.ProjectManagement@spllabs.com

1135104 CoC Print Group 002 of 002

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure

SUBCONTRACT CHAIN OF CUSTODY

Printed 02/08/2025 Page 1 of 1

Subcontract to:

Pace Analytical Dallas
400 West Bethany Drive
Allen TX 75013

972/727-1123

Sample	2380050
Taken:	02/03/2025 15:30:00
	GRAB
Normal TAT	

coll_temp

KCL BLANK

1 **Polyethylene 1/2 gal (White)**

Requested Test(s)

!N3K Nitrate-nitrogen SUB(KCl Prep) EPA 353.3

Shipping Temp 4

Previous Results:

Date Time	Relinquished	Date Time	Received
02/08/2025 09:32	*Affiliation* SPL Kilgore	02/08/2025 09:32	*Affiliation* SPL Kilgore
Printed Name Andy Owens		*Printed Name*	
Signature		*Signature*	
	Printed Name *Affiliation* SPL Kilgore		*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* ☐ *No* Method of Shipment: ☐ *UPS* ☐ *Bus* ☐ *FedEx* ☐ *Lone Star* ☐ *Hand Delivered* ☐ *Other*

Cooler/Sample Secure? ☐ *Yes* ☐ *No* If Shipped: Tracking Number & Temp - See Attached

Hand Delivered to Region [ ]

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

Project 1135104

Corporate - Kilgore: 2600 Dudley Road Kilgore TX 75662

Kilgore.ProjectManagement@spllabs.com

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24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

Project
1152469

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Printed 07/01/2025
16:10

TABLE OF CONTENTS

This report consists of this Table of Contents and the following pages:

Report Name	Description	Pages
1152469_r02_01_ProjectSamples	SPL Kilgore Project P:1152469 C:TABE Project Sample Cross Reference t:304	1
1152469_r03_03_ProjectResults	SPL Kilgore Project P:1152469 C:TABE Project Results t:304	3
1152469_r10_05_ProjectQC	SPL Kilgore Project P:1152469 C:TABE Project Quality Control Groups	2
1152469_r99_09_CoC__1_of_1	SPL Kilgore CoC TABE 1152469_1_of_1	3
	Total Pages:	9

Email: Kilgore.ProjectManagement@spllabs.com

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24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

1

SAMPLE CROSS REFERENCE

Project
1152469

ww

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Sample	Sample ID	Taken	Time	Received
2421719	*Allaso Ranch BOD/TSS/pH*	06/25/2025	11:30:00	06/25/2025

Bottle 01 Polyethylene 1/2 gal (White)
Bottle 02 BOD Titration Beaker A (Batch 1182228) Volume: 100.00000 mL <== Derived from 01 (100 ml)
Bottle 03 BOD Analytical Beaker B (Batch 1182228) Volume: 100.00000 mL <== Derived from 01 (100 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
SM 5210 B-2016	01	1182228	07/01/2025	1182228	07/01/2025
SM 2540 D-2020	01	1182602	06/26/2025	1182602	06/26/2025
SM 4500-H+ B-2011		1182171	06/25/2025	1182171	06/25/2025

Email: Kilgore.ProjectManagement@spllabs.com

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TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1152469

Printed: 07/01/2025

RESULTS

Sample Results

2421719 **Allaso Ranch BOD/TSS/pH** Gate Code 2019 *Received:* 06/25/2025

Non-Potable Water *Collected by:* BSD SPL Kilgore *PO:*
Taken: 06/25/2025 11:30:00

Prepared: 06/25/2025 16:13:35 *Calculated* 06/25/2025 16:13:35 *CAL*

	Parameter	*Results*	*Units*	*RL*	*Flags*	*CAS*	*Bottle*
	Sampling/Transport	**Verified**					

SM 2540 D-2020 *Prepared:* 1182602 06/26/2025 11:30:00 *Analyzed* 1182602 06/26/2025 11:30:00 *ADR*

	Parameter	*Results*	*Units*	*RL*	*Flags*	*CAS*	*Bottle*
NELAC	**Total Suspended Solids**	**55.0**	**mg/L**	20.0			01

SM 4500-H+ B-2011 *Prepared:* 1182171 06/25/2025 11:33:00 *Analyzed* 1182171 06/25/2025 11:33:00 *BSD*

	Parameter	*Results*	*Units*	*RL*	*Flags*	*CAS*	*Bottle*
NELAC	**pH (Onsite)**	**8.0**	**SU**				

SM 5210 B-2016 *Prepared:* 1182228 06/26/2025 *Analyzed* 1182228 07/01/2025 13:20:57 *ESN*

	Parameter	*Results*	*Units*	*RL*	*Flags*	*CAS*	*Bottle*
NELAC	**Biochemical Oxygen Demand (BOD5)**	**7.44**	**mg/L**	2.00		**1026-3**	01

Sample Preparation

2421719 **Allaso Ranch BOD/TSS/pH** Gate Code 2019 *Received:* 06/25/2025

06/25/2025

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TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1152469

Printed: 07/01/2025

2421719 **Allaso Ranch BOD/TSS/pH** Gate Code 2019 *Received:* 06/25/2025

06/25/2025

		Prepared:		*06/25/2025*	*16:13:35*	*Calculated*		*06/25/2025*	*16:13:35*	*CAL*
z	**Enviro Fee (per Sampling Group)**	**Verified**								
	SM 2540 D-2011	*Prepared:*	*1182254*	*06/26/2025*	*11:30:00*	*Analyzed*	*1182254*	*06/26/2025*	*11:30:00*	*ADR*
NELAC	**TSS Set Started**	**Started**								
	SM 5210 B-2016	*Prepared:*	*1182228*	*06/26/2025*		*Analyzed*	*1182228*	*06/26/2025*	*06:51:29*	*ESN*
NELAC	**BOD 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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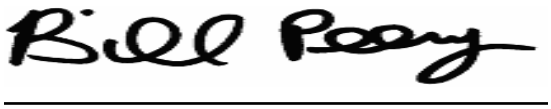
TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1152469

Printed: 07/01/2025



Bill Peery, MS, VP Technical Services

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1152469

Printed 07/01/2025

Analytical Set 1182228 — SM 5210 B-2016

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Biochemical Oxygen Demand (BOD5)	1182228	0.06	0.200	0.500	mg/L	127761453
Biochemical Oxygen Demand (BOD5)	1182228	0.04	0.200	0.500	mg/L	127761505
Biochemical Oxygen Demand (BOD5)	1182228	0.06	0.200	0.500	mg/L	127761557
Biochemical Oxygen Demand (BOD5)	1182228	0.04	0.200	0.500	mg/L	127762795

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD		Limit%
Biochemical Oxygen Demand (BOD5)	2421364	2.28	5.88	mg/L	88.2	*	30.0
Biochemical Oxygen Demand (BOD5)	2421421	16.8	16.2	mg/L	3.64		30.0
Biochemical Oxygen Demand (BOD5)	2421461	2.77	2.17	mg/L	24.3		30.0
Biochemical Oxygen Demand (BOD5)	2421615	4.64	5.60	mg/L	18.8		30.0
Biochemical Oxygen Demand (BOD5)	2421697	25.8	29.0	mg/L	11.7		30.0
Biochemical Oxygen Demand (BOD5)	2421715	3.72	3.68	mg/L	1.08		30.0
Biochemical Oxygen Demand (BOD5)	2421831	101	100	mg/L	0.995		30.0

Seed Drop

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Biochemical Oxygen Demand (BOD5)	1182228	0.520	0.200	0.500	mg/L	127761455
Biochemical Oxygen Demand (BOD5)	1182228	0.497	0.200	0.500	mg/L	127761507
Biochemical Oxygen Demand (BOD5)	1182228	0.430	0.200	0.500	mg/L	127761559
Biochemical Oxygen Demand (BOD5)	1182228	0.460	0.200	0.500	mg/L	127762852

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Biochemical Oxygen Demand (BOD5)		205	198	mg/L	104	83.7 - 116	127761456
Biochemical Oxygen Demand (BOD5)		207	198	mg/L	105	83.7 - 116	127761508
Biochemical Oxygen Demand (BOD5)		184	198	mg/L	92.9	83.7 - 116	127761560
Biochemical Oxygen Demand (BOD5)		199	198	mg/L	101	83.7 - 116	127762853

Analytical Set 1182171 — SM 4500-H+ B-2011

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
pH (Onsite)	6.0	6.0	SU	100	90 - 110	
pH (Onsite)	6.0	6.0	SU	100	90 - 110	

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
pH (Onsite)	2421731	7.0	7.0	SU		20

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
pH (Onsite)	1182171	7.9	8.0	SU	98.8	90 - 110	
pH (Onsite)	1182171	7.9	8.0	SU	98.8	90 - 110	

Analytical Set 1182602 — SM 2540 D-2020

Email: Kilgore.ProjectManagement@spllabs.com

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1152469

Printed 07/01/2025

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Total Suspended Solids	1182602	ND	2	2	mg/L	127771358

ControlBlk

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Total Suspended Solids	1182602	-0.0002			grams	127771357

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Total Suspended Solids	2421618	43.0	44.0	mg/L	2.30	20.0
Total Suspended Solids	2421716	96.0	98.0	mg/L	2.06	20.0
Total Suspended Solids	2421719	58.0	55.0	mg/L	5.31	20.0

LCS

Parameter	*PrepSet*	*Reading*	*Known*	*Units*	*Recover%*	*Limits*	*File*
Total Suspended Solids	1182602	50.0	50.0	mg/L	100	90.0 - 110	127771390

Standard

Parameter	*Sample*	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Total Suspended Solids		90.0	100	mg/L	90.0	90.0 - 110	127771389

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

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

CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); 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); 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.)

Email: Kilgore.ProjectManagement@spllabs.com

1152469 CoC Print Group 001 of 001

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CHAIN OF CUSTODY

Printed 06/11/2025 Page 1 of 2

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE-A
101

Lab Number 2421719

PO Number

Phone 903/574-0627

Allaso Ranch BOD/TSS/pH

Gate Code 2019

☐ Hand Delivered by Client to Region or LAB

Matrix: Non-Potable Water

Sample Collection Start

Date: 6-25-25 Time: 1130

Sampler Printed Name: Barry Degner

Sampler Affiliation: SPL

Sampler Signature: Barry Degner

Samples Radioactive? ☐ Samples Contains Dioxin? ☐ Samples Biological Hazard? ☐

1 On Site Testing

NELAC	Short Hold	pH	pH (Onsite)	SM 4500-H+ B-2011 (0.0104 days)

pH (Onsite)

Collected By BSD Date 6-25-25 Time 1130 Analyzed By BSD Date 6-25-25 Time 1133

Results 7.99 Units SU Temp. 29.3 C Duplicate ✓ Units ✓ Temp. ✓ C

1 Polyethylene 1/2 gal (White)

NELAC	Short Hold	BOD	Biochemical Oxygen Demand (BOD5)	SM 5210 B-2016 CAS:1026-3 (2.04 days)
NELAC		TSS	Total Suspended Solids	SM 2540 D-2020 (7.00 days)

0 Z -- No bottle required

PuCh Sampling/Transport

Ambient Conditions/Comments

1152469 CoC Print Group 001 of 001

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CHAIN OF CUSTODY

Printed 06/11/2025 Page 2 of 2

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE-A
101

Date	Time	Relinquished	Received
6/25/25	1505	Printed Name: Danny Dagnel Affiliation: SPL Signature: Danny Dagnel	Printed Name: Sarah Shivers - SPL, Inc. Affiliation: Signature: Sarah S
		Printed Name Affiliation Signature	Printed Name Affiliation Signature
		Printed Name Affiliation Signature	Printed Name Affiliation Signature
		Printed Name Affiliation Signature	Printed Name Affiliation Signature

Sample Received on Ice? [X] Yes [ ] No
Cooler/Sample Secure? [ ] Yes [ ] 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

COOLER CHECKIN

Region/Driver/Client	BSD
Date / Time:	6/25 / 1505
Cooler:	of
Shipping Company:	SPL

Temp Label:

6/25 1505 SS1
Date Time Tech
Temp: 3.8 3.9 C
Therm#: 7737 Corr Fact: -0.2 C

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Project
1157622

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Printed 08/20/2025
7:18

TABLE OF CONTENTS

This report consists of this Table of Contents and the following pages:

Report Name	Description	Pages
1157622_r02_01_ProjectSamples	SPL Kilgore Project P:1157622 C:TABE Project Sample Cross Reference t:304	1
1157622_r03_03_ProjectResults	SPL Kilgore Project P:1157622 C:TABE Project Results t:304	5
1157622_r10_05_ProjectQC	SPL Kilgore Project P:1157622 C:TABE Project Quality Control Groups	8
1157622_r99_09_CoC__1_of_1	SPL Kilgore CoC TABE 1157622_1_of_1	4
	Total Pages:	18

Email: Kilgore.ProjectManagement@spllabs.com

Survey: How are we doing?

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SAMPLE CROSS REFERENCE

Project
1157622

Printed 8/20/2025 Page 1 of 1
Permit Renewal

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Sample	Sample ID	Taken	Time	Received
2435544	*Permit Renewal*	08/07/2025	08:50:00	08/07/2025

Bottle 01 Na2S2O3 (0.008%) Polystyrene-100 mL Sterilized, I
Bottle 02 Polyethylene 1/2 gal (White), Q
Bottle 03 Polyethylene Quart, Q
Bottle 04 H2SO4 to pH <2 Glass Qt w/Teflon lined lid, Q
Bottle 05 H2SO4 to pH <2 Glass Qt w/Teflon lined lid, Q
Bottle 06 16 oz HNO3 Metals Plastic, Q
Bottle 07 8 oz Plastic H2SO4 pH < 2, Q
Bottle 08 BOD Titration Beaker A (Batch 1189455) Volume: 100.00000 mL <== Derived from 02 (100 ml)
Bottle 09 BOD Analytical Beaker B (Batch 1189455) Volume: 100.00000 mL <== Derived from 02 (100 ml)
Bottle 10 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1189463) Volume: 20.00000 mL <== Derived from 07 (20 ml)
Bottle 11 Prepared Bottle: NH3N TRAACS Autosampler Vial (Batch 1189526) Volume: 6.00000 mL <== Derived from 07 (6 ml)
Bottle 12 Prepared Bottle: ICP Preparation for Metals (Batch 1189536) Volume: 50.00000 mL <== Derived from 06 (50 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 300.0 2.1	02	1189820	08/08/2025	1189820	08/08/2025
EPA 200.7 4.4	12	1189536	08/08/2025	1189651	08/08/2025
SM 2320 B-2011	02	1191280	08/19/2025	1191280	08/19/2025
SM 5210 B-2016 (TCMP Inhibitor)	02	1189455	08/13/2025	1189455	08/13/2025
SM 2510 B-2011	02	1190087	08/12/2025	1190087	08/12/2025
SM 4500-Cl G-2011		1189609	08/07/2025	1189609	08/07/2025
SM 4500-O G-2016		1189433	08/07/2025	1189433	08/07/2025
EPA 1664B (HEM)	04	1190091	08/12/2025	1190091	08/12/2025
SM 9223 B (Colilert-18 QT)-2016	01	1189577	08/08/2025	1189577	08/08/2025
SM 9223 B (Colilert-18 QT)-2016	01	1189576	08/08/2025	1189576	08/08/2025
EPA 350.1 2	11	1189526	08/08/2025	1189906	08/11/2025
SM 2540 C-2020	03	1190141	08/11/2025	1190141	08/11/2025
EPA 351.2 2	10	1189463	08/08/2025	1189793	08/11/2025
Calculation	10	1189463	08/08/2025	1189793	08/11/2025
SM 2540 D-2020	02	1189927	08/11/2025	1189927	08/11/2025
SM 4500-H+ B-2011		1189435	08/07/2025	1189435	08/07/2025

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TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1157622

Printed: 08/20/2025

RESULTS

Sample Results

2435544 **Permit Renewal** Received: 08/07/2025

Non-Potable Water Collected by: BSD SPL Kilgore PO:
Taken: 08/07/2025 08:50:00

Calculation Prepared: 1189463 08/08/2025 06:38:07 Calculated 1189793 08/11/2025 16:12:52 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Total Nitrogen (as N)**	**7.711**	**mg/L**	0.050			10

EPA 1664B (HEM) Prepared: 1190091 08/12/2025 06:55:00 Analyzed 1190091 08/12/2025 06:55:00 MAX

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Oil and Grease (HEM)**	**<4.44**	**mg/L**	4.44			04

EPA 200.7 4.4 Prepared: 1189536 08/08/2025 07:00:00 Analyzed 1189651 08/08/2025 17:03:00 ANC

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Phosphorus**	**5.83**	**mg/L**	0.040		**7723-14-0**	12

EPA 300.0 2.1 Prepared: 1189820 08/08/2025 19:38:00 Analyzed 1189820 08/08/2025 19:38:00 KRA

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Chloride**	**119**	**mg/L**	3.00			02
NELAC	**Nitrate-Nitrogen Total**	**6.92**	**mg/L**	0.226		**14797-55-8**	02
NELAC	**Sulfate**	**39.8**	**mg/L**	3.00			02

EPA 350.1 2 Prepared: 1189526 08/08/2025 09:42:32 Analyzed 1189906 08/11/2025 15:37:00 AMB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Ammonia Nitrogen**	**<0.020**	**mg/L**	0.020			11

EPA 351.2 2 Prepared: 1189463 08/08/2025 06:38:07 Analyzed 1189793 08/11/2025 11:08:00 AMB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Total Kjeldahl Nitrogen**	**0.791**	**mg/L**	0.050		**7727-37-9**	10

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TABE-A

Project 1157622

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Printed: 08/20/2025

2435544 **Permit Renewal** Received: 08/07/2025

Non-Potable Water Collected by: BSD SPL Kilgore PO:
Taken: 08/07/2025 08:50:00

SM 2320 B-2011 Prepared: 1191280 08/19/2025 08:41:00 Analyzed 1191280 08/19/2025 08:41:00 TRC

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Alkalinity (as CaCO3)	190	mg/L	1.00			02

SM 2510 B-2011 Prepared: 1190087 08/12/2025 12:56:00 Analyzed 1190087 08/12/2025 12:56:00 JKL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Lab Spec. Conductance at 25 C	905	umhos/cm				02

SM 2540 C-2020 Prepared: 1190141 08/11/2025 10:30:00 Analyzed 1190141 08/11/2025 10:30:00 JMB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Dissolved Solids	550	mg/L	50.0			03

SM 2540 D-2020 Prepared: 1189927 08/11/2025 12:13:00 Analyzed 1189927 08/11/2025 12:13:00 LSM

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Total Suspended Solids	17.0	mg/L	4.00			02

SM 4500-Cl G-2011 Prepared: 1189609 08/07/2025 08:55:00 Analyzed 1189609 08/07/2025 08:55:00 BSD

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	1.51	mg/L	0.05			

SM 4500-H+ B-2011 Prepared: 1189435 08/07/2025 08:55:00 Analyzed 1189435 08/07/2025 08:55:00 BSD

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	pH (Onsite)	7.3	SU				

SM 4500-O G-2016 Prepared: 1189433 08/07/2025 08:55:00 Analyzed 1189433 08/07/2025 08:55:00 BSD

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Dissolved Oxygen Onsite	3.5	mg/L	1.0			

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TABE-A

Project
1157622

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Printed: 08/20/2025

2435544 **Permit Renewal** Received: 08/07/2025

Non-Potable Water Collected by: BSD SPL Kilgore PO:
Taken: 08/07/2025 08:50:00

SM 5210 B-2016 (TCMP Inhibitor) Prepared: 1189455 08/08/2025 Analyzed 1189455 08/13/2025 12:35:39 JW1

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**BOD Carbonaceous**	**7.53**	**mg/L**	2.00			02

SM 9223 B (Colilert-18 QT)-2016 Prepared: 1189576 08/08/2025 11:06:00 Analyzed 1189576 08/08/2025 11:06:00 CP1

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**MPN, Total Coliform, Non-Pot**	**49.6**	**MPN/100mL**	1.00			01

SM 9223 B (Colilert-18 QT)-2016 Prepared: 1189577 08/08/2025 11:06:00 Analyzed 1189577 08/08/2025 11:06:00 CP1

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**MPN, E.coli, Col.-18 - Non-Pot**	**1.0**	**MPN/100mL**	1.00			01

Sample Preparation

2435544 **Permit Renewal** Received: 08/07/2025

08/07/2025

Prepared: 08/07/2025 17:01:34 Calculated 08/07/2025 17:01:34 CAL

z	**Enviro Fee (per Sampling Group)**	**Verified**

EPA 1664B (HEM) Prepared: 1189908 08/12/2025 06:55:00 Analyzed 1189908 08/12/2025 06:55:00 MAX

NELAC	**O&G HEM Started**	**Started**

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TABE-A

Project
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Printed: 08/20/2025

2435544 **Permit Renewal** Received: 08/07/2025

08/07/2025

	EPA 200.2 2.8	*Prepared:*	*1189536*	*08/08/2025*	*07:00:00*	*Analyzed*	*1189536*	*08/08/2025*	*07:00:00*	*AMC*
z	**Liquid Metals Digestion**	**50/50**	**ml**							06
	EPA 350.1, Rev. 2.0	*Prepared:*	*1189526*	*08/08/2025*	*09:42:32*	*Analyzed*	*1189526*	*08/08/2025*	*09:42:32*	*CMS*
NELAC	**Ammonia Distillation**	**6/6**	**ml**							07
	EPA 351.2, Rev 2.0	*Prepared:*	*1189463*	*08/08/2025*	*06:38:07*	*Analyzed*	*1189463*	*08/08/2025*	*06:38:07*	*AMB*
NELAC	**TKN Block Digestion**	**20/20**	**ml**							07
	SM 2540 C-2015	*Prepared:*	*1189752*	*08/11/2025*	*10:30:00*	*Analyzed*	*1189752*	*08/11/2025*	*10:30:00*	*JMB*
NELAC	**Total Dissolved Solids Started**	**Started**								
	SM 2540 D-2011	*Prepared:*	*1189254*	*08/11/2025*	*12:13:00*	*Analyzed*	*1189254*	*08/11/2025*	*12:13:00*	*LSM*
NELAC	**TSS Set Started**	**Started**								
	SM 5210 B-2016 (TCMP Inhibitor)	*Prepared:*	*1189455*	*08/08/2025*		*Analyzed*	*1189455*	*08/08/2025*	*06:00:41*	*JW1*
NELAC	**BODc Set Started**	**Started**								
	SM 9223 B (Colilert-18 QT)-2016	*Prepared:*	*1189574*	*08/07/2025*	*16:32:00*	*Analyzed*	*1189574*	*08/07/2025*	*16:32:00*	*CP1*
NELAC	**MPN (Colilert-18) Start Non-Pot**	**STARTED**								01

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TABE-A

Allaso Ranch
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Printed: 08/20/2025

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

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
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Project
1157622

Printed 08/20/2025

Analytical Set 1189576 — SM 9223 B (Colilert-18 QT)-2016

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
MPN, Total Coliform, Non-Pot	1189576	<1.0	1.00	1.00	MPN/100mL	127933386

Micro Dup

Parameter	Sample	Type	Result	Unknown	Unit	Range	Criterion
MPN, Total Coliform, Non-Pot	2435308	Duplicate	>2419.6	>2419.6	MPN/100mL		0.7825

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
P. aeruginosa	1189574	<1.0	<1.0	MPN/100m		-	127933383
Standard E. coli	1189574	>2419.6	>2419.6	MPN/100m		-	127933385
Standard K.varicola	1189574	>2419.6	>2419.6	MPN/100m		-	127933384

Analytical Set 1189577 — SM 9223 B (Colilert-18 QT)-2016

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
MPN, E.coli, Col.-18 - Non-Pot	1189577	<1.0	1.00	1.00	MPN/100mL	127933404

Micro Dup

Parameter	Sample	Type	Result	Unknown	Unit	Range	Criterion
MPN, E.coli, Col.-18 - Non-Pot	2435308	Duplicate	3.1	2.0	MPN/100mL	0.190	0.7825

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
P. aeruginosa	1189574	<1.0	<1.0	MPN/100m		-	127933401
Standard E. coli	1189574	>2419.6	>2419.6	MPN/100m		-	127933403
Standard K.varicola	1189574	<1.0	<1.0	MPN/100m		-	127933402

Analytical Set 1189455 — SM 5210 B-2016 (TCMP Inhibitor)

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
BOD Carbonaceous	1189455	0.1	0.200	0.500	mg/L	127929692
BOD Carbonaceous	1189455	0.08	0.200	0.500	mg/L	127929742
BOD Carbonaceous	1189455	0.1	0.200	0.500	mg/L	127929794

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
BOD Carbonaceous	2435128	42.2	40.8	mg/L	3.37	30.0
BOD Carbonaceous	2435274	77.3	82.7	mg/L	6.75	30.0
BOD Carbonaceous	2435442	2.53	2.85	mg/L	11.9	30.0
BOD Carbonaceous	2435532	5.65	4.21	mg/L	29.2	30.0
BOD Carbonaceous	2435637	3.57	2.93	mg/L	19.7	30.0

Seed Drop

Parameter	PrepSet	Reading	MDL	MQL	Units	File
BOD Carbonaceous	1189455	0.403	0.200	0.500	mg/L	127929694

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QUALITY CONTROL

TABE-A

Allaso Ranch
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Printed 08/20/2025

Seed Drop

Parameter	PrepSet	Reading	MDL	MQL	Units	File
BOD Carbonaceous	1189455	0.437	0.200	0.500	mg/L	127929744
BOD Carbonaceous	1189455	0.507	0.200	0.500	mg/L	127929796

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
BOD Carbonaceous		225	198	mg/L	114	83.7 - 116	127929695
BOD Carbonaceous		221	198	mg/L	112	83.7 - 116	127929745
BOD Carbonaceous		205	198	mg/L	104	83.7 - 116	127929797

Analytical Set 1189793 EPA 351.2 2

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Kjeldahl Nitrogen	1189463	ND	0.00712	0.050	mg/L	127939818

CCB

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Kjeldahl Nitrogen	1189463	ND	0.00712	0.050	mg/L	127939828
Total Kjeldahl Nitrogen	1189463	ND	0.00712	0.050	mg/L	127939840
Total Kjeldahl Nitrogen	1189793	ND	0.00712	0.050	mg/L	127939849

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Kjeldahl Nitrogen	5.32	5.00	mg/L	106	90.0 - 110	127939817
Total Kjeldahl Nitrogen	5.43	5.00	mg/L	109	90.0 - 110	127939826
Total Kjeldahl Nitrogen	5.41	5.00	mg/L	108	90.0 - 110	127939836
Total Kjeldahl Nitrogen	5.40	5.00	mg/L	108	90.0 - 110	127939846
Total Kjeldahl Nitrogen	5.32	5.00	mg/L	106	90.0 - 110	127939850

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Kjeldahl Nitrogen	2435134	0.466	0.474	mg/L	1.70	20.0
Total Kjeldahl Nitrogen	2435135	0.400	0.344	mg/L	15.1	20.0

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Kjeldahl Nitrogen	5.22	5.00	mg/L	104	90.0 - 110	127939816

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Total Kjeldahl Nitrogen	1189463	4.90	4.86	5.00	90.0 - 110	98.0	97.2	mg/L	0.820	20.0

Mat. Spike

Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File
Total Kjeldahl Nitrogen	2435134	5.22	0.474	5.00	mg/L	94.9	80.0 - 120	127939823
Total Kjeldahl Nitrogen	2435135	5.42	0.344	5.00	mg/L	102	80.0 - 120	127939827

Analytical Set 1189906 EPA 350.1 2

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QUALITY CONTROL

TABE-A

Allaso Ranch
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Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Ammonia Nitrogen	1189526	ND	0.00336	0.020	mg/L	127941982

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Ammonia Nitrogen	2.18	2.00	mg/L	109	90.0 - 110	127941958
Ammonia Nitrogen	2.16	2.00	mg/L	108	90.0 - 110	127941968
Ammonia Nitrogen	2.17	2.00	mg/L	108	90.0 - 110	127941979
Ammonia Nitrogen	2.17	2.00	mg/L	108	90.0 - 110	127941987
Ammonia Nitrogen	2.20	2.00	mg/L	110	90.0 - 110	127941998
Ammonia Nitrogen	2.18	2.00	mg/L	109	90.0 - 110	127942009
Ammonia Nitrogen	2.20	2.00	mg/L	110	90.0 - 110	127942019
Ammonia Nitrogen	2.16	2.00	mg/L	108	90.0 - 110	127942026
Ammonia Nitrogen	2.11	2.00	mg/L	106	90.0 - 110	127942035
Ammonia Nitrogen	2.13	2.00	mg/L	106	90.0 - 110	127942046
Ammonia Nitrogen	2.14	2.00	mg/L	107	90.0 - 110	127942057
Ammonia Nitrogen	2.19	2.00	mg/L	110	90.0 - 110	127942068
Ammonia Nitrogen	2.18	2.00	mg/L	109	90.0 - 110	127942079
Ammonia Nitrogen	2.14	2.00	mg/L	107	90.0 - 110	127942085
Ammonia Nitrogen	2.19	2.00	mg/L	110	90.0 - 110	127942095
Ammonia Nitrogen	2.18	2.00	mg/L	109	90.0 - 110	127942106
Ammonia Nitrogen	2.15	2.00	mg/L	108	90.0 - 110	127942114
Ammonia Nitrogen	2.13	2.00	mg/L	106	90.0 - 110	127942123
Ammonia Nitrogen	2.15	2.00	mg/L	108	90.0 - 110	127942124
Ammonia Nitrogen	2.12	2.00	mg/L	106	90.0 - 110	127942132

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Ammonia Nitrogen	2435523	0.416	0.440	mg/L	5.61	20.0
Ammonia Nitrogen	2435541	ND	ND	mg/L		20.0

ICV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Ammonia Nitrogen	2.18	2.00	mg/L	109	90.0 - 110	127941957

LCS Dup

Parameter	*PrepSet*	*LCS*	*LCSD*	*Known*	*Limits%*	*LCS%*	*LCSD%*	*Units*	*RPD*	*Limit%*
Ammonia Nitrogen	1189526	2.17	2.14	2.00	90.0 - 110	108	107	mg/L	1.39	20.0

Mat. Spike

Parameter	*Sample*	*Spike*	*Unknown*	*Known*	*Units*	*Recovery %*	*Limits %*	*File*
Ammonia Nitrogen	2435523	2.50	0.440	2.00	mg/L	103	80.0 - 120	127941988
Ammonia Nitrogen	2435541	2.16	ND	2.00	mg/L	108	80.0 - 120	127941991

Analytical Set 1189433 — SM 4500-O G-2016

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*

QUALITY CONTROL

TABE-A

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Project
1157622

Printed 08/20/2025

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Dissolved Oxygen Onsite	2435544	3.5	3.5	mg/L		20

Analytical Set 1189435 — SM 4500-H+ B-2011

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
pH (Onsite)	6.0	6.0	SU	100	90 - 110	
pH (Onsite)	6.0	6.0	SU	100	90 - 110	

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
pH (Onsite)	2435544	7.3	7.3	SU		20

Standard

Parameter	*Sample*	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
pH (Onsite)	1189435	8.0	8.0	SU	100	90 - 110	
pH (Onsite)	1189435	8.0	8.0	SU	100	90 - 110	

Analytical Set 1189609 — SM 4500-Cl G-2011

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	2435544	1.51	1.51	mg/L		20

Standard

Parameter	*Sample*	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	1189609	0.200	0.220	mg/L	90.9	90 - 110	
Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	1189609	0.850	0.900	mg/L	94.4	90 - 110	
Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]	1189609	1.46	1.59	mg/L	91.8	90 - 110	

Analytical Set 1189927 — SM 2540 D-2020

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Total Suspended Solids	1189927	ND	2	2	mg/L	127942485

ControlBlk

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Total Suspended Solids	1189927	0.0001			grams	127942484

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Total Suspended Solids	2435747	58.7	56.7	mg/L	3.47	20.0
Total Suspended Solids	2435953	435	470	mg/L	7.73	20.0
Total Suspended Solids	2435955	7040	7420	mg/L	5.26	20.0

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TABE-A

Allaso Ranch
Dennis
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Hawkins, TX 75765

Project
1157622

Printed 08/20/2025

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File
Total Suspended Solids	1189927	50.0	50.0	mg/L	100	90.0 - 110	127942518

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Total Suspended Solids		102	100	mg/L	102	90.0 - 110	127942517

Analytical Set 1190091 — EPA 1664B (HEM)

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Oil and Grease (HEM)	1190091	ND	0.804	4.00	mg/L	127944813

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Oil and Grease (HEM)	1190091	0			grams	127944812
Oil and Grease (HEM)	1190091	0			grams	127944837

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File
Oil and Grease (HEM)	1190091	33.5	40.0	mg/L	83.8	78.0 - 114	127944814

MS

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Oil and Grease (HEM)	2435405	38.7	0	ND	40.0	78.0 - 114	96.8		mg/L		20.0

Analytical Set 1190141 — SM 2540 C-2020

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Dissolved Solids	1190141	ND	5.00	5.00	mg/L	127946495

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Dissolved Solids	1190141	0			grams	127946482

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Dissolved Solids	2435407	750	700	mg/L	6.90	20.0

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File
Total Dissolved Solids	1190141	198	200	mg/L	99.0	85.0 - 115	127946483

Analytical Set 1189820 — EPA 300.0 2.1

AWRL/LOQ C

Parameter	Reading	Known	Units	Recover%	Limits%	File
Nitrate-Nitrogen Total	0.0237	0.0226	mg/L	105	70.0 - 130	127940787

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1157622

Printed 08/20/2025

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Chloride	1189820	0.0503	0.0213	0.300	mg/L	127940788
Nitrate-Nitrogen Total	1189820	ND	0.00655	0.0226	mg/L	127940788
Sulfate	1189820	ND	0.283	0.300	mg/L	127940788

CCB

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Chloride	1189820	0.0533	0.0213	0.300	mg/L	127940784
Chloride	1189820	0.0564	0.0213	0.300	mg/L	127940804
Chloride	1189820	0.0591	0.0213	0.300	mg/L	127940816
Nitrate-Nitrogen Total	1189820	0.00214	0.00655	0.0226	mg/L	127940784
Nitrate-Nitrogen Total	1189820	0.00201	0.00655	0.0226	mg/L	127940804
Nitrate-Nitrogen Total	1189820	0.0023	0.00655	0.0226	mg/L	127940816
Sulfate	1189820	0	0.283	0.300	mg/L	127940784
Sulfate	1189820	0	0.283	0.300	mg/L	127940804
Sulfate	1189820	0	0.283	0.300	mg/L	127940816

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Chloride	10.0	10.0	mg/L	100	90.0 - 110	127940783
Chloride	10.1	10.0	mg/L	101	90.0 - 110	127940803
Chloride	10.1	10.0	mg/L	101	90.0 - 110	127940815
Nitrate-Nitrogen Total	2.25	2.26	mg/L	99.6	90.0 - 110	127940783
Nitrate-Nitrogen Total	2.24	2.26	mg/L	99.1	90.0 - 110	127940803
Nitrate-Nitrogen Total	2.24	2.26	mg/L	99.1	90.0 - 110	127940815
Sulfate	9.48	10.0	mg/L	94.8	90.0 - 110	127940783
Sulfate	9.40	10.0	mg/L	94.0	90.0 - 110	127940803
Sulfate	9.40	10.0	mg/L	94.0	90.0 - 110	127940815

LCS Dup

Parameter	*PrepSet*	*LCS*	*LCSD*	*Known*	*Limits%*	*LCS%*	*LCSD%*	*Units*	*RPD*	*Limit%*
Chloride	1189820	4.87	4.88	5.00	85.0 - 115	97.4	97.6	mg/L	0.205	20.0
Nitrate-Nitrogen Total	1189820	1.18	1.21	1.13	86.3 - 117	104	107	mg/L	2.51	20.0
Sulfate	1189820	4.61	4.61	5.00	85.4 - 124	92.2	92.2	mg/L	0	20.0

MSD

Parameter	*Sample*	*MS*	*MSD*	*UNK*	*Known*	*Limits*	*MS%*	*MSD%*	*Units*	*RPD*	*Limit%*
Chloride	2433734	62.6	62.6	56.1	10.0	80.0 - 120	65.0 *	65.0 *	mg/L	0	20.0
Nitrate-Nitrogen Total	2433734	2.56	2.56	0.288	2.26	80.0 - 120	101	101	mg/L	0	20.0
Sulfate	2433734	53.8	55.2	50.9	10.0	80.0 - 120	29.0 *	43.0 *	mg/L	38.9 *	20.0
Chloride	2433736	70.6	71.4	62.4	10.0	80.0 - 120	82.0	90.0	mg/L	9.30	20.0
Nitrate-Nitrogen Total	2433736	2.47	2.41	0.108	2.26	80.0 - 120	105	102	mg/L	2.57	20.0
Sulfate	2433736	521	529	526	10.0	80.0 - 120	-50.0 *	30.0 *	mg/L	1.52	20.0

Analytical Set 1189651 — EPA 200.7 4.4

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*

Email: Kilgore.ProjectManagement@spllabs.com

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1157622

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Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Phosphorus	1189536	ND	0.0353	0.040	mg/L	127934850

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Phosphorus	1.01	1.00	mg/L	101	90.0 - 110	127934848
Phosphorus	0.931	1.00	mg/L	93.1	90.0 - 110	127934849
Phosphorus	0.919	1.00	mg/L	91.9	90.0 - 110	127934859
Phosphorus	0.901	1.00	mg/L	90.1	90.0 - 110	127934865

ICL

Parameter	Reading	Known	Units	Recover%	Limits%	File
Phosphorus	25.1	25.0	mg/L	100	95.0 - 105	127934846

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Phosphorus	1.03	1.00	mg/L	103	90.0 - 110	127934847

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Phosphorus	1189536	3.69	3.84	4.00	85.0 - 115	92.2	96.0	mg/L	3.98	25.0

MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Phosphorus	2435344	3.98	3.97	0.138	4.00	75.0 - 125	96.0	95.8	mg/L	0.261	25.0

Analytical Set 1190087 — SM 2510 B-2011

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Lab Spec. Conductance at 25 C	1190087	0.492			umhos/cm	127944750

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Lab Spec. Conductance at 25 C	2433024	21800	21800	umhos/cm	0	20.0
Lab Spec. Conductance at 25 C	2435544	906	905	umhos/cm	0.110	20.0

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Lab Spec. Conductance at 25 C	13000	12900	umhos/cm	101	90.0 - 110	127944753

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Lab Spec. Conductance at 25 C	1190087	1420	1410	umhos/cm	101	90.0 - 110	127944751
Lab Spec. Conductance at 25 C	1190087	100	100	umhos/cm	100	90.0 - 110	127944752
Lab Spec. Conductance at 25 C	1190087	1420	1410	umhos/cm	101	90.0 - 110	127944771
Lab Spec. Conductance at 25 C	1190087	1420	1410	umhos/cm	101	90.0 - 110	127944772

Analytical Set 1191280 — SM 2320 B-2011

Email: Kilgore.ProjectManagement@spllabs.com

QUALITY CONTROL

TABE-A

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

Project
1157622

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Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Total Alkalinity (as CaCO3)	1191280	ND	1.00	1.00	mg/L	127969073
Total Alkalinity (as CaCO3)	1191280	ND	1.00	1.00	mg/L	127969100

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Total Alkalinity (as CaCO3)	25.5	25.0	mg/L	102	90.0 - 110	127969072
Total Alkalinity (as CaCO3)	25.3	25.0	mg/L	101	90.0 - 110	127969086
Total Alkalinity (as CaCO3)	25.1	25.0	mg/L	100	90.0 - 110	127969099
Total Alkalinity (as CaCO3)	25.3	25.0	mg/L	101	90.0 - 110	127969113
Total Alkalinity (as CaCO3)	25.4	25.0	mg/L	102	90.0 - 110	127969126

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Total Alkalinity (as CaCO3)	2434010	321	329	mg/L	2.46	20.0
Total Alkalinity (as CaCO3)	2434639	105	102	mg/L	2.90	20.0
Total Alkalinity (as CaCO3)	2434745	82.2	84.2	mg/L	2.40	20.0
Total Alkalinity (as CaCO3)	2434856	76.0	71.5	mg/L	6.10	20.0

ICV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Total Alkalinity (as CaCO3)	25.4	25.0	mg/L	102	90.0 - 110	127969071

Mat. Spike

Parameter	*Sample*	*Spike*	*Unknown*	*Known*	*Units*	*Recovery %*	*Limits %*	*File*
Total Alkalinity (as CaCO3)	2434010	359	329	25.0	mg/L	120	70.0 - 130	127969076
Total Alkalinity (as CaCO3)	2434639	129	102	25.0	mg/L	108	70.0 - 130	127969116
Total Alkalinity (as CaCO3)	2434745	105	84.2	25.0	mg/L	83.2	70.0 - 130	127969089
Total Alkalinity (as CaCO3)	2434856	97.7	71.5	25.0	mg/L	105	70.0 - 130	127969103

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

CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); 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); 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.); 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.); CCB - Continuing Calibration Blank; AWRL/LOQ C - Ambient Water Reporting Limit/LOQ Check Std; 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.); MS - Matrix Spike (same solution and amount of target analyte added to the LCS is added to a second aliquot of sample; quantifies matrix bias.)

Email: Kilgore.ProjectManagement@spllabs.com

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

SPL
The Science of Sure

CHAIN OF CUSTODY

Printed 08/04/2025 Page 1 of 3

Lab Number 2435544

PO Number

Phone 903/574-0627

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE-A
111

Permit Renewal

☐ Hand Delivered by Client to Region or LAB

Matrix: Non-Potable Water

Sample Collection Start

Date: 8-7-25 Time: 0850

Sampler Printed Name: Barry Dagnel

Sampler Affiliation: SPL

Sampler Signature: Barry Dagnel

Samples Radioactive? ☐ Samples Contains Dioxin? ☐ Samples Biological Hazard? ☐

0 On Site Testing

NELAC Cl2O Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L] SM 4500-Cl G-2011

Cl2 Res.,Total(Onsite)Spec Mid [RL 0.05 mg/L]

Collected By BSD Date 8-7-25 Time 0850 Analyzed By BSD Date 8-7-25 Time 0855

Results 1.51 Units MG/L Temp. 26.8 C Duplicate 1.51 Units MG/L Temp. 26.7 C

R1 1.68 R2 0.17 QC R1 1.68 QC R2 0.17

NELAC Short Hold DO Dissolved Oxygen Onsite SM 4500-O G-2016 (0.0104 days)

Dissolved Oxygen Onsite

Collected By BSD Date 8-7-25 Time 0850 Analyzed By BSD Date 8-7-25 Time 0855

Results 3.50 Units MG/L Temp. 26.6 C Duplicate 3.49 Units MG/L Temp. 26.7 C

NELAC Short Hold pH pH (Onsite) SM 4500-H+ B-2011 (0.0104 days)

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

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CHAIN OF CUSTODY

Printed 08/04/2025 Page 2 of 3

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE-A
111

pH (Onsite)

Collected By BSD Date 8-7-25 Time 0850 Analyzed By BSD Date 8-7-25 Time 0855

Results 7.26 Units SU Temp. 26.8 C Duplicate 7.34 Units SU Temp. 26.7 C

	1 Na2S2O3 (0.008%) Polystyrene-100 mL Sterilized, I			
NELAC Short Hold	MPNW	MPN, E.coli, Col.-18 - Non-Pot	SM 9223 B (Colilert-18 QT)-2016 (0.333 days)
	2 H2SO4 to pH <2 GlQt w/Tef-lined lid, Q			
NELAC	HEM	Oil and Grease (HEM)	EPA 1664B (HEM) (28.0 days)
	1 Polyethylene 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)
	0 Z -- No bottle required			
NELAC	TNit	Total Nitrogen (as N)	Calculation (28.0 days)
	1 HNO3 to pH <2 Polyethylene 500 mL for Metals, Q			
NELAC	*PI	Phosphorus	EPA 200.7 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)
	1 Polyethylene Quart, Q			
NELAC	!ClL	Chloride	EPA 300.0 2.1 (28.0 days)
NELAC Short Hold	!N3L	Nitrate-Nitrogen Total	EPA 300.0 2.1 CAS:14797-55-8 (2.00 days)
NELAC	!S4L	Sulfate	EPA 300.0 2.1 (28.0 days)
NELAC	AlkT	Total Alkalinity (as CaCO3)	SM 2320 B-2011 (14.0 days)

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CHAIN OF CUSTODY

Printed 08/04/2025 Page 3 of 3

Allaso Ranch
Dennis
2302 PR 7850
Hawkins, TX 75765

TABE-A
111

NELAC	CONL	Lab Spec. Conductance at 25 C	SM 2510 B-2011 (28.0 days)
NELAC	TDS	Total Dissolved Solids	SM 2540 C-2020 (7.00 days)

Ambient Conditions/Comments

Date	Time	Relinquished		Received	
8/7/25	1600	Printed Name Barry Dagnel	Affiliation SPL	Printed Name Ashley Vasquez - SPL, Inc.	Affiliation
		Signature Barry Dagnel		Signature [signature]	
		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 ☐ No
Cooler/Sample Secure? ☒ Yes ☐ 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 #00323.

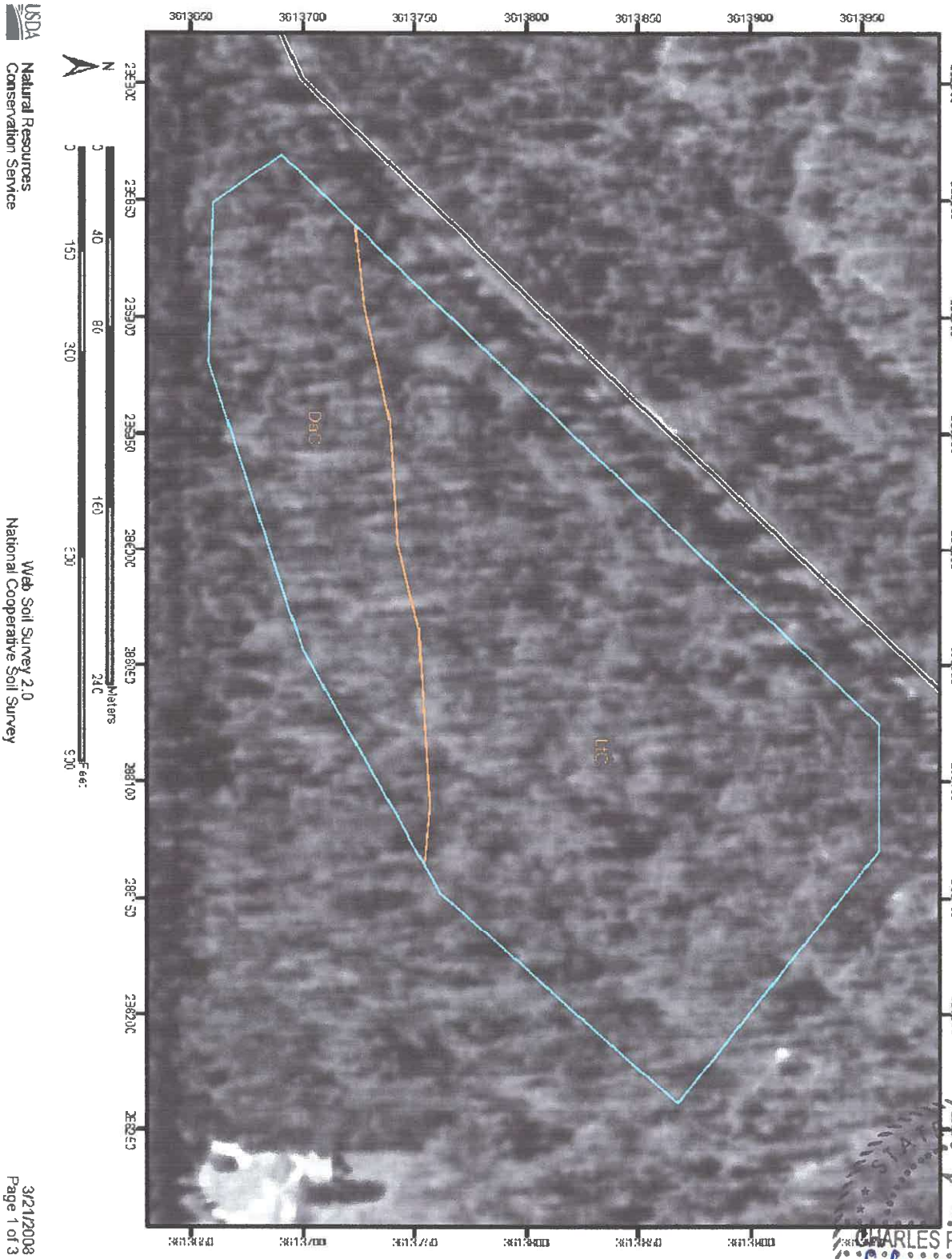
Comments

COOLER CHECKIN

Region/Driver/Client	BSD
Date / Time:	8/7/2025 / 1600
Cooler:	of
Shipping Company:	SPL

Temp Label:

8/7 1600 AMV
Date Time Tech
Temp: 1.9 1.7 C
Therm#: 7735 Corr Fact: -0.2 C



STATE OF TEXAS
CHARLES P. GILLESPIE, JR.
PE 20996
REGISTERED PROFESSIONAL ENGINEER

CONSULTING ENVIRONMENTAL ENGINEERS, INC.
160 N. Graham St., Suite 408
Stephenville, Texas 76401
Phone / Fax: (254) 968-8130
Email: ceeinc@ceeinc.org

EXHIBIT XVI	PROJECT NAME: Fellowship Church Youth Camp	DATE DRAWN: 3-28-08
		DRAWN BY: CPG ala
	DRAWING NAME: Soil Survey Map	SCALE: NTS

CONSULTING ENVIRONMENTAL ENGINEERS, INC.

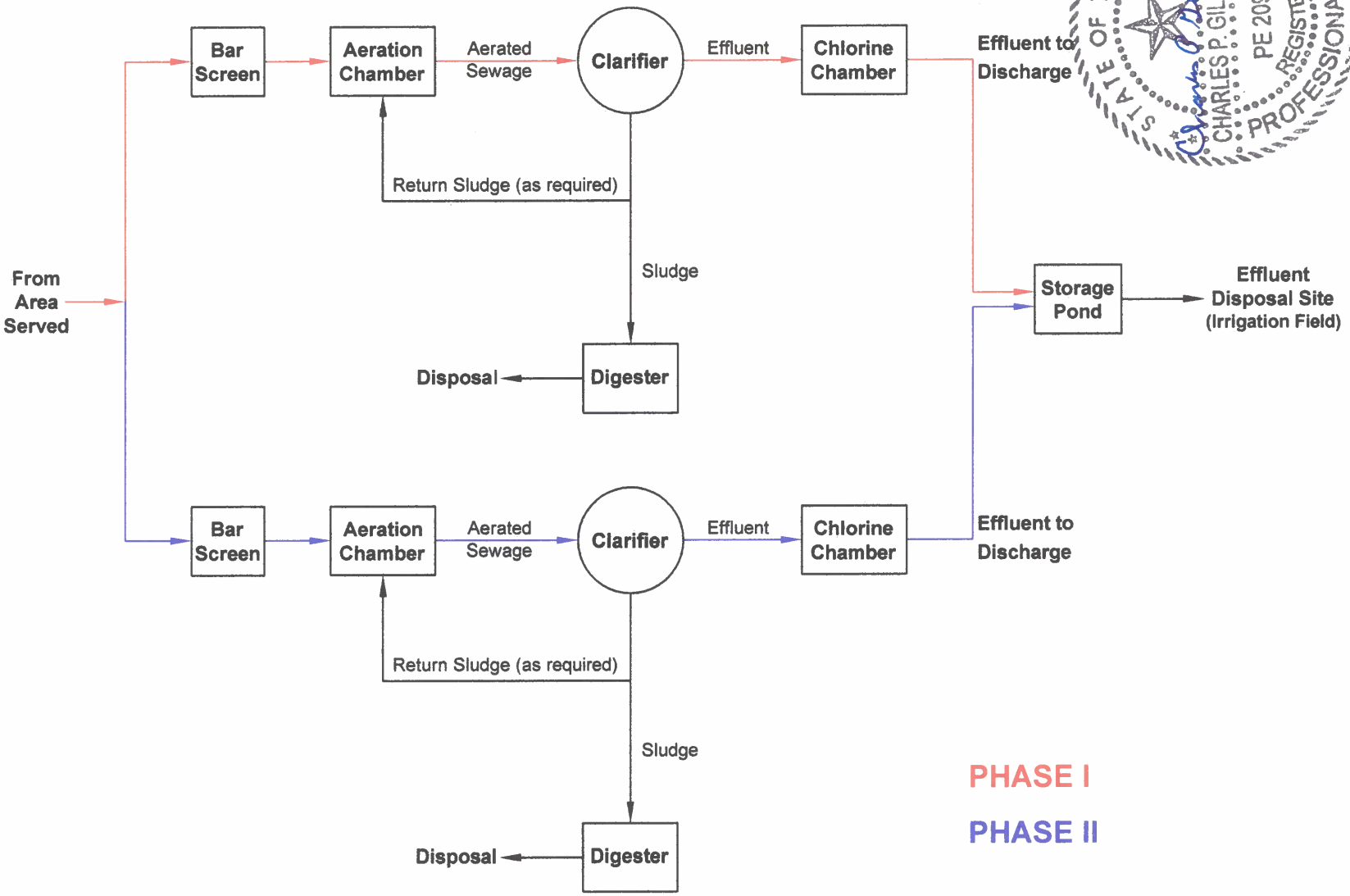
150 Harbin Drive - Suite 408 Phone/Fax: 254-968-8130
Stephenville, Texas 76401 email: ceeinc@ceeinc.org

Sludge Management Calculation Sheet

Permittee	Fellowship Church Youth Camp
Influent BOD	325 mg/l
Effluent BOD	20 mg/l
Average Daily Flow	40000 gallon/day
Influent TSS	325 mg/l
Average Daily Organic Load	108.29 lbs/day
Required Digester Volume	2166 cubic feet
BOD Removal	101.75 lbs/day

Solids Generated	100%	75%	50%	25%
BOD Removed	101.75	76.31	76.31	25.44
Non-Volatile TSS	108.29	81.22	54.15	27.07
Solids Produced (lbs)	50.87	38.16	25.44	12.72
Total Wet Sludge	3979.10	2984.33	1989.55	994.78
Volume of Wet Sludge (cubic ft)	63.86	47.90	31.93	15.97
Sludge Storage Available	33.9	45.2	67.8	135.7

PE 4/1/08



STATE OF TEXAS
CHARLES P. GILLESPIE, JR.
PE 20996
REGISTERED
PROFESSIONAL ENGINEER
4/11/08

CONSULTING ENGINEERING & ENVIRONMENTAL
150 N. Harbin Dr. Suite 408
Stephenville, Texas 76401
Phone / Fax: (254) 968-8130
Email: ceeinc@ceeinc.org

PROJECT NAME: Fellowship Church Youth Camp

DRAWING NAME: Flow Diagram

DATE DRAWN: 3-28-08

DRAWN BY: CPG ala

SCALE: NTS

EXHIBIT VIII

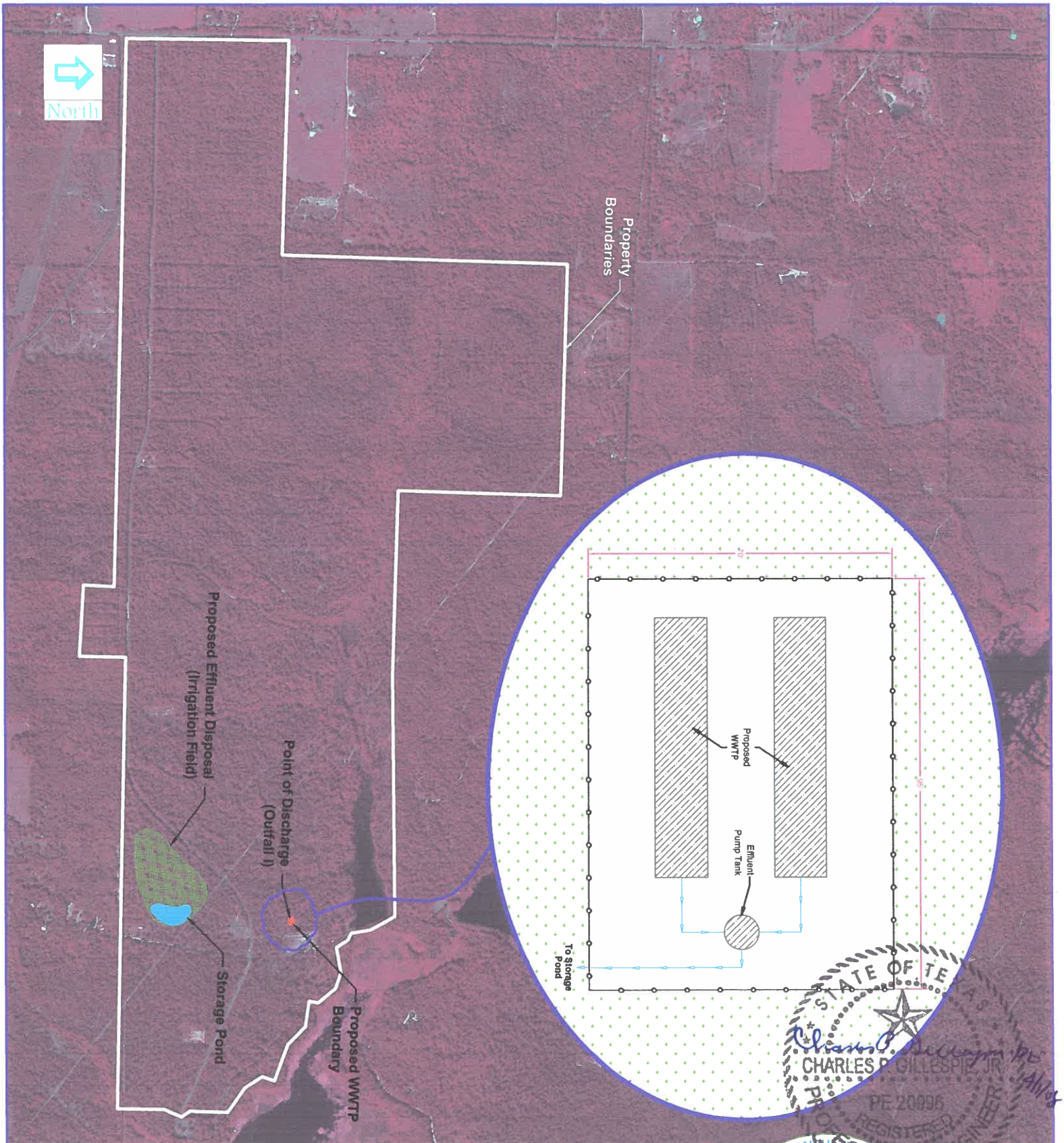


EXHIBIT IX	PROJECT NAME: Fellowship Church Youth Camp	DATE DRAWN: 3-28-08	
		DRAWN BY: CPG ala	
	DRAWING NAME: Site Drawing	SCALE: NTS	

CONSULTING ENVIRONMENTAL ENGINEERS, INC.
1750 N. Harbin Dr. Suite 408
Stephenville, Texas 76401
Phone / Fax: (254) 968-8130
Email: ceeinc@ceeinc.org

Francesca Findlay

From: Dennis Worrell <Dennis.Worrell@allasoranch.com>
Sent: Friday, August 29, 2025 12:28 PM
To: Francesca Findlay
Subject: Re: WQ0015097001 : Fellowship Church

Francesca Findlay,

1. Yes, you are correct, the address is 121 E. Blackbourn, Hawkins Tx 75765 for the Library where the posting will be placed.

2. The information for the posting looks to be correct.

Thank You!

Dennis

Dennis Worrell
ALLASO RANCH
allasoranch.com
903-769-7300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Friday, August 29, 2025 11:22 AM
To: CEEINC@CEEINC.GOV <CEEINC@CEEINC.GOV>
Cc: Dennis Worrell <Dennis.Worrell@allasoranch.com>
Subject: FW: WQ0015097001 : Fellowship Church

Mr. Gillespie,

Please send me an email with your correct email address so I can update your information.

Dear Mr. Worrell:

The attached Notice of Deficiency letter sent on August 28, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response to my attention September 11, 2025.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality

Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at http://www.tceq.texas.gov/customersurvey.

Francesca Findlay

From: Dennis Worrell <Dennis.Worrell@allasoranch.com>
Sent: Monday, September 15, 2025 12:30 PM
To: Francesca Findlay
Subject: Re: WQ0015097001 : Fellowship Church

Hello Francesca,

We are not requesting an amendment to our current permit. I apologize for not removing the phase 1 and 2 information. We wish to continue operating at our current flow of 40,000 (.040 MGD).

Thank you for your help!

Dennis

Dennis Worrell
ALLASO RANCH
allasoranch.com
903-769-7300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Monday, September 15, 2025 10:30 AM
To: Dennis Worrell <Dennis.Worrell@allasoranch.com>
Subject: RE: WQ0015097001 : Fellowship Church

Good morning,

I am working on declaring the application administratively complete and noticed that in the Technical Report 1.0, Section 1, an Interim I and II phase were listed with a flow of 20,000 (0.02 MGD). However, the current permit only shows a flow of 40,000 (.040 MGD). Please confirm if you are wanting to add an interim phase with a flow of 20,000 gallons per day. If so, please provide a revised section 2, of TCEQ form number 10053, to show an application type of "Minor Amendment with Renewal" in item d, as well as provide the amendment request in item e.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality

Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at http://www.tceq.texas.gov/customersurvey.

From: Dennis Worrell <Dennis.Worrell@allasoranch.com>
Sent: Friday, August 29, 2025 12:28 PM
To: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Subject: Re: WQ0015097001 : Fellowship Church

Francesca Findlay,

1. Yes, you are correct, the address is 121 E. Blackbourn, Hawkins Tx 75765 for the Library where the posting will be placed.

2. The information for the posting looks to be correct.

Thank You!

Dennis

Dennis Worrell
ALLASO RANCH
allasoranch.com
903-769-7300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Friday, August 29, 2025 11:22 AM
To: CEEINC@CEEINC.GOV <CEEINC@CEEINC.GOV>
Cc: Dennis Worrell <Dennis.Worrell@allasoranch.com>
Subject: FW: WQ0015097001 : Fellowship Church

You don't often get email from francesca.findlay@tceq.texas.gov. Learn why this is important

Mr. Gillespie,

Please send me an email with your correct email address so I can update your information.

Dear Mr. Worrell:

The attached Notice of Deficiency letter sent on August 28, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response to my attention September 11, 2025.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality

Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at http://www.tceq.texas.gov/customersurvey.