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

Permitting Services, LLC
6425 Bankside Drive, Suite 2111
Houston, TX 77096
robin@permittingservices.net
Tel. 713-458-8612

May 8, 2024

Texas Commission on Environmental Quality
Water Quality Division
Application Review and Processing Team (MC148)
P.O. Box 13087
Austin, TX 78711-3087

Re: Application to Renew Permit Number: WQ0013460-001
Customer Number: CN600797229
Regulated Entity Number: RN101522860

Dear Chief Officer,

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The Camp Longhorn Capital Inc. (CN600797229) operates the Inks Lake Wastewater Treatment Plant and disposal site are located at 1 Longhorn Road, immediately west of Inks Lake, in Llano County Texas (RN101522860). It consists of 24 septic tanks and the sludge disposal site is located at Kingsland Municipal Utility District in Llano County, Texas 78611.

The application is for a TLAP Permit Renewal to dispose of treated domestic wastewater effluent at a daily average flow not to exceed 0.003 MGD, June through August and 0.0021 September through May via surface irrigation of 5 acres of non-public access of pastureland. Application rates to the irrigated land shall not exceed 2.8 acre-feet per year per acre irrigated. No discharge of pollutants into the water in the state is authorized by this permit.

Discharges from the facility are expected to contain seven-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. Pollutant Analysis of Treated Effluent in the permit application package.

Domestic wastewater is treated by the Final Phase: The plant includes 24 septic tanks with a total volume of 82,000 gallons. The facility includes one storage pond with a total surface area of 0.649 ace and minimum total capacity of 1.69 acre-feet for storage of treat effluent prior to irrigation. The treated effluent is applied by using a liquid haul truck equipped with rear piping to ensure even distribution.

The wastewater treatment facility and disposal site are located at 1 Longhorn Road, immediately west of Inks Lake in Llano County, Texas, 78611.

I appreciate your time and effort in reviewing my summary. If you have any questions, please contact me at (713) 458-8612, or via email at robin@permittingservices.net.

Yours truly,

Robin Butcko

Robin Butcko
Senior Wastewater Consultant
Permitting Services, LLC
(713) 458-8612

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0013460001

APPLICATION. Camp Longhorn Capital, Inc., 1 Longhorn Road, Burnet, Texas 78611, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0013460001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 30,000 gallons per day in the months of June through August and at a volume not to exceed a daily average flow of 2,100 gallons per day in the months of September through May, via surface irrigation of 5 acres of non-public access perennial pasture land. The domestic wastewater treatment facility and disposal area are located at 1 Longhorn Boulevard, near the city of Burnet, in Llano County, Texas 78611. TCEQ received this application on June 14, 2024. The permit application will be available for viewing and copying at Llano County Courthouse, Front Entrance, 801 Ford Street, Llano, in Llano 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=-98.382222,30.740555&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 Camp Longhorn Capital, Inc. at the address stated above or by calling Mrs. Robin Butcko, B.B.A., Permitting Services, LLC., at 713-458-8612.

Issuance Date: July 17, 2024

Permitting Services, LLC
6425 Bankside Drive, Suite 2111
Houston, TX 77096
robin@permittingservices.net
Tel. 713-458-8612

May 15, 2024

Texas Commission on Environmental Quality
Water Quality Division
Application Review and Processing Team (MC148)
P.O. Box 13087
Austin, TX 78711-3087

Re: Application to Renew Permit No. WQ0013460-001
Customer Number: CN600797229
Regulated Entity Number: RN101522860

Dear TCEQ Review Team,

Permitting Services, LLC is pleased to submit a Domestic Wastewater Permit Renewal Application (WQ0013460-001) on behalf of Camp Longhorn Capital Inc., the Inks Lake Wastewater Treatment Plant in Llano County, Texas. (CN600797229) (RN101522860).

In this package you will find the original application and three copies. The Supplemental Permit Information Form, all other relevant forms and attachments are included as well. The laboratory is working on the Pollutant Analysis Table 1.0 Section 7 of the Technical Domestic Report.

I appreciate your time and effort in reviewing my request. If you have any questions, please contact me at (713) 458-8612, or via email at robin@permittingservices.net.

Yours truly,

Robin Butcko

Robin Butcko
Senior Wastewater Consultant
(713) 458-8612
robin@permittingservices.net

Permitting Services, LLC
6425 Bankside Drive, Suite 2111
Houston, TX 77096
robin@permittingservices.net
Tel. 713-458-8612

May 8, 2024

Texas Commission on Environmental Quality
Water Quality Division
Application Review and Processing Team (MC148)
P.O. Box 13087
Austin, TX 78711-3087

Re: Application to Renew Permit Number: WQ0013460-001
Customer Number: CN600797229
Regulated Entity Number: RN101522860

Dear Chief Officer,

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The Camp Longhorn Capital Inc. (CN600797229) operates the Inks Lake Wastewater Treatment Plant and disposal site are located at 1 Longhorn Road, immediately west of Inks Lake, in Llano County Texas (RN101522860). It consists of 24 septic tanks and the sludge disposal site is located at Kingsland Municipal Utility District in Llano County, Texas 78611.

The application is for a TLAP Permit Renewal to dispose of treated domestic wastewater effluent at a daily average flow not to exceed 0.003 MGD, June through August and 0.0021 September through May via surface irrigation of 5 acres of non-public access of pastureland. Application rates to the irrigated land shall not exceed 2.8 acre-feet per year per acre irrigated. No discharge of pollutants into the water in the state is authorized by this permit.

Discharges from the facility are expected to contain seven-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. Pollutant Analysis of Treated Effluent in the permit application package.

Domestic wastewater is treated by the Final Phase: The plant includes 24 septic tanks with a total volume of 82,000 gallons. The facility includes one storage pond with a total surface area of 0.649 ace and minimum total capacity of 1.69 acre-feet for storage of treat effluent prior to irrigation. The treated effluent is applied by using a liquid haul truck equipped with rear piping to ensure even distribution.

The wastewater treatment facility and disposal site are located at 1 Longhorn Road, immediately west of Inks Lake in Llano County, Texas, 78611.

I appreciate your time and effort in reviewing my summary. If you have any questions, please contact me at (713) 458-8612, or via email at robin@permittingservices.net.

Yours truly,

Robin Butcko

Robin Butcko
Senior Wastewater Consultant
Permitting Services, LLC
(713) 458-8612

Permitting Services, LLC
6425 Bankside Drive, Suite 2111
Houston, TX 77096
robin@permittingservices.net
Tel. 713-458-8612

8 de mayo de 2024

Texas Commission on Environmental Quality
Water Quality Division
Application Review and Processing Team (MC148)
P.O. Box 13087
Austin, TX 78711-3087

Re: Solicitud de renovación del número de permiso: WQ0013460-001
Número de cliente: CN600797229
Número de entidad regulada: RN101522860

Estimado equipo de revisión de solicitudes,

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no son representaciones federales exigibles de la solicitud de permiso.

Camp Longhorn Capital Inc. (CN600797229) opera la Planta de Tratamiento de Aguas Residuales de Inks Lake y el sitio de eliminación se encuentra en 1 Longhorn Road, inmediatamente al oeste de Inks Lake, en el condado de Llano, Texas (RN101522860). Consta de 24 fosas sépticas y el sitio de eliminación de lodos está ubicado en el Distrito de Servicios Públicos Municipales de Kingsland en el condado de Llano, Texas 78611.

La solicitud es para una renovación de permiso TLAP para eliminar los efluentes de aguas residuales domésticas tratadas a un flujo promedio diario que no exceda los 0.003 MGD, de junio a agosto y 0.0021 de septiembre a mayo a través del riego superficial de 5 acres de acceso no público de pastizales. Las tasas de aplicación a las tierras de regadío no excederán los 2.8 acres-pies por año por acre regado. Este permiso no autoriza la descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan una demanda bioquímica de oxígeno carbonoso de siete días (CBOD5), sólidos suspendidos totales (TSS), nitrógeno amoníaco (NH3-N) y Escherichia coli. Otros contaminantes potenciales se incluyen en el Informe Técnico Doméstico 1.0, Sección 7. Análisis de Contaminantes de Efluentes Tratados en el paquete de

solicitud de permiso. Las aguas residuales domésticas se tratan mediante una Fase Final: La planta incluye 24 fosas sépticas con un volumen total de 82,000 galones. La instalación incluye un estanque de almacenamiento con una superficie total de 0.649 ace y una capacidad total mínima de 1.69 acres-pies para el almacenamiento de efluentes de tratamiento antes del riego. El efluente tratado se aplica mediante el uso de un camión de transporte de líquidos equipado con tuberías traseras para garantizar una distribución uniforme.

La instalación de tratamiento de aguas residuales y el sitio de eliminación están ubicados en 1 Longhorn Road, inmediatamente al oeste de Inks Lake en el condado de Llano, Texas, 78611.

Agradezco su tiempo y esfuerzo al revisar mi resumen. Si tiene alguna pregunta, comuníquese conmigo al (713) 458-8612, o por correo electrónico a robin@permittingservices.net.

Atentamente,

Robin Butcko

Robin Butcko
Senior Wastewater Consultant
Permitting Services, LLC
713.458.8612

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: _____Renewal _____Major Amendment ____Minor Amendment _____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

_____ Texas Historical Commission _____ U.S. Fish and Wildlife

_____ Texas Parks and Wildlife Department _____ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

The SPIF must be completed as a separate document. The TCEQ will mail a copy of the SPIF to each agency as required by the TCEQ agreement with EPA. If any of the items are not completely addressed or further information is needed, you will be contacted to provide the information before the permit is issued. Each item must be completely addressed.

Do not refer to a response of any item in the permit application form. Each attachment must be provided with this form separately from the administrative report of the application. The application will not be declared administratively complete without this form being completed in its entirety including all attachments.

The following applies to all applications:

1. Permittee: Camp Longhorn Capital Inc

   Permit No. WQ00 13460-001 EPA ID No. TX

   Address of the project (or a location description that includes street/highway, city/vicinity, and county):

   1 Longhorn Road, Burnet, TX 78611

Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Matt Manning

Credential (P.E, P.G., Ph.D., etc.):

Title: Operator

Mailing Address: 1 Longhorn Road

City, State, Zip Code: Burnet, TX 78611

Phone No.: 830-613-1111 Ext.: Fax No.:

E-mail Address: matt@camplonghorn.com

2. List the county in which the facility is located: Llano
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

Plant is in the Inks Lake discharge zone, River Segment 1407, however no discharge to the lake is authorized by this permit.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☐ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design
- ☐ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

6. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):

N/A

7. Describe existing disturbances, vegetation, and land use:

Summer camp - no disturbances are planned other than what occurs regularly on this site.

THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

8. List construction dates of all buildings and structures on the property:

N/A

9. Provide a brief history of the property, and name of the architect/builder, if known.

N/A

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT: Camp Longhorn Capital Inc

PERMIT NUMBER: WQ0013460-001

Indicate if each of the following items is included in your application.

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Original USGS Map	☒	☐
Administrative Report 1.1	☐	☒	Affected Landowners Map	☐	☒
SPIF	☒	☐	Landowner Disk or Labels	☐	☒
Core Data Form	☒	☐	Buffer Zone Map	☒	☐
Public Involvement Plan Form	☐	☒	Flow Diagram	☒	☐
Technical Report 1.0	☒	☐	Site Drawing	☒	☐
Technical Report 1.1	☐	☒	Original Photographs	☐	☒
Worksheet 2.0	☐	☒	Design Calculations	☐	☒
Worksheet 2.1	☐	☒	Solids Management Plan	☐	☒
Worksheet 3.0	☒	☐	Water Balance	☐	☒
Worksheet 3.1	☒	☐			
Worksheet 3.2	☒	☐			
Worksheet 3.3	☐	☒			
Worksheet 4.0	☐	☒			
Worksheet 5.0	☐	☒			
Worksheet 6.0	☐	☒			
Worksheet 7.0	☐	☒			

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

APPLICATION FOR A DOMESTIC WASTEWATER PERMIT ADMINISTRATIVE REPORT 1.0

If you have questions about completing this form please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 29)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	$350.00 ☐	$315.00 ☒
≥0.05 but <0.10 MGD	$550.00 ☐	$515.00 ☐
≥0.10 but <0.25 MGD	$850.00 ☐	$815.00 ☐
≥0.25 but <0.50 MGD	$1,250.00 ☐	$1,215.00 ☐
≥0.50 but <1.0 MGD	$1,650.00 ☐	$1,615.00 ☐
≥1.0 MGD	$2,050.00 ☐	$2,015.00 ☐

Minor Amendment (for any flow) $150.00 ☐

Payment Information:

Mailed — Check/Money Order Number: 9663

Check/Money Order Amount: $315.00

Name Printed on Check: Camp Longhorn Indian Springs

EPAY — Voucher Number:

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 29)

☐ New TPDES
☐ New TLAP
☐ Major Amendment *with* Renewal
☐ Minor Amendment *with* Renewal
☐ Major Amendment *without* Renewal
☐ Minor Amendment *without* Renewal
☒ Renewal without changes
☐ Minor Modification of permit

For amendments or modifications, describe the proposed changes:

For existing permits:

Permit Number: WQ0000013460001

EPA I.D. (TPDES only): TX

Expiration Date: December 1, 2024

Section 3. Facility Owner (Applicant) and Co-Applicant Information (Instructions Page 29)

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

Camp Longhorn Capital Inc

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at http://www15.tceq.texas.gov/crpub/

CN: 600797229

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in *30 TAC § 305.44.*

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Bill Robertson

Credential (P.E, P.G., Ph.D., etc.):

Title: General Manager

B. Co-applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

What is the Legal Name of the co-applicant applying for this permit?

N/A

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at: http://www15.tceq.texas.gov/crpub/

CN:

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in *30 TAC § 305.44.*

Prefix (Mr., Ms., Miss):

First and Last Name:

Credential (P.E, P.G., Ph.D., etc.):

Title:

Provide a brief description of the need for a co-permittee:

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0.

Attachment: 1

Section 4. Application Contact Information (Instructions Page 30)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

A. Prefix (Mr., Ms., Miss): Mrs.

First and Last Name: Robin Butcko

Credential (P.E, P.G., Ph.D., etc.): BBA

Title: Senior Wastewater Consultant

Organization Name: Permitting Services, Inc.

Mailing Address: 6425 Bankside Drive, Suite 2111

City, State, Zip Code: Houston, TX 77096

Phone No.: 713-458-8612 Ext.: Fax No.:

E-mail Address: robin@permittingservices.net

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Matt Manning

Credential (P.E, P.G., Ph.D., etc.):

Title: Operator

Organization Name: Camp Longhorn Capital Inc

Mailing Address: 1 Longhorn Road

City, State, Zip Code: Burnet, TX 78611

Phone No.: 830-613-1111 Ext.: Fax No.:

E-mail Address: matt@camplonghorn.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 30)

Provide two names of individuals that can be contacted throughout the permit term.

A. Prefix (Mr., Ms., Miss): Mrs.

First and Last Name: Robin Butcko

Credential (P.E, P.G., Ph.D., etc.): BBA

Title: Senior Wastewater Consultant

Organization Name: Permitting Services, LLC

Mailing Address: 6425 Bankside Drive, Suite 2111

City, State, Zip Code: Houston, TX 77096

Phone No.: 713-458-8612 Ext.: Fax No.:

E-mail Address: robin@permittingservices.net

B. Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Matt Manning

Credential (P.E, P.G., Ph.D., etc.):

Title: Operator

Organization Name: Longhorn Camp Capital Inc.

Mailing Address: 1 Longhorn Road

City, State, Zip Code: Burnet, TX 78611

Phone No.: 830-613-1111 Ext.: Fax No.:

E-mail Address: matt@camplonghorn.com

Section 6. Billing Information (Instructions Page 30)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits ***in effect on September 1 of each year***. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Matt Manning

Credential (P.E, P.G., Ph.D., etc.):

Title: Operator

Organization Name: Camp Longhorn Capital Inc.

Mailing Address: 1 Longhorn Road

City, State, Zip Code: Burnet, TX 78611

Phone No.: 830-613-1111 Ext.: Fax No.:

E-mail Address: matt@camplonghorn.com

Section 7. DMR/MER Contact Information (Instructions Page 31)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (EPA 3320-1) or maintain Monthly Effluent Reports.

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Bill Robertson

Credential (P.E, P.G., Ph.D., etc.):

Title: G.M.

Organization Name: Camp Longhorn Capital Inc.

Mailing Address: 1 Longhorn Road

City, State, Zip Code: Burnet, TX 78611

Phone No.: 512-756-4650 Ext.: Fax No.:

E-mail Address: Bill@camplonghorn.com

DMR data is required to be submitted electronically. Create an account at: https://www.tceq.texas.gov/permitting/netdmr/netdmr.html.

Section 8. Public Notice Information (Instructions Page 31)

A. Individual Publishing the Notices

Prefix (Mr., Ms., Miss): Mrs.

First and Last Name: Robin Butcko

Credential (P.E, P.G., Ph.D., etc.): BBA

Title: Senior Wastewater Consultant

Organization Name: Permitting Services, LLC`

Mailing Address: 6425 Bankside Drive, Suite 2111

City, State, Zip Code: Houston, TX 77096

Phone No.: 713-458-8612 Ext.: Fax No.:

E-mail Address: robin@permittingservices.net

B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

- ☒ E-mail Address
- ☐ Fax
- ☐ Regular Mail

C. Contact person to be listed in the Notices

Prefix (Mr., Ms., Miss): Mrs.

First and Last Name: Robin Butcko

Credential (P.E, P.G., Ph.D., etc.): BBA

Title: Senior Wastewater Consultant

Organization Name: Permitting Services, LLC

Phone No.: 713-458-8612 Ext.:

E-mail: robin@permittingservices.net

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Llano County Courthouse

Location within the building: Front Entrance

Physical Address of Building: 832 Ford Street

City: Llano County: Llano

Contact Name: County Clerk

Phone No.: 325-247-5036 Ext.:

E. Bilingual Notice Requirements:

This information **is required** for **new, major amendment, minor amendment or minor modification, and renewal applications**.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

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

   ☐ Yes ☒ No

   If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

   ☐ Yes ☐ No

3. Do the students at these schools attend a bilingual education program at another location?

   ☐ Yes ☐ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

   ☐ Yes ☐ No

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program? N/A

F. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: N/A

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 33)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN**1015228G0

Search the TCEQ's Central Registry at http://www15.tceq.texas.gov/crpub/ to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

Inks Lake Wastewater Treatment Facility

C. Owner of treatment facility: Camp Longhorn Capital Inc

Ownership of Facility: ☐ Public ☒ Private ☐ Both ☐ Federal

D. Owner of land where treatment facility is or will be:

Prefix (Mr., Ms., Miss):

First and Last Name: Camp Longhorn Capital Inc.

Mailing Address: 1 Longhorn Road

City, State, Zip Code: Burnet, TX 78611

Phone No.: 830-613-1111 E-mail Address: matt@camplonghorn.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment:

E. Owner of effluent disposal site:

Prefix (Mr., Ms., Miss):

First and Last Name: Camp Longhorn Capital Inc.

Mailing Address: 1 Longhorn Road

City, State, Zip Code: Burnet, TX 78611

Phone No.: 830-613-1111 E-mail Address: matt@camplonghorn.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: N/A

F. Owner of sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant):

Prefix (Mr., Ms., Miss):

First and Last Name: N/A

Mailing Address:

City, State, Zip Code:

Phone No.: E-mail Address:

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment:

Section 10. TPDES Discharge Information (Instructions Page 34)

A. Is the wastewater treatment facility location in the existing permit accurate?

☐ Yes ☐ No

If **no, or a new permit application**, please give an accurate description:

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☐ Yes ☐ No

If **no, or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

City nearest the outfall(s):

County in which the outfalls(s) is/are located:

Outfall Latitude: Longitude:

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☐ No

If **yes**, indicate by a check mark if:

☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Attachment:

D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge.

Section 11. TLAP Disposal Information (Instructions Page 36)

A. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

☒ Yes ☐ No

If **no, or a new or amendment permit application**, provide an accurate description of the disposal site location:

B. City nearest the disposal site: Burnet

C. County in which the disposal site is located: Llano

D. Disposal Site Latitude: 30.4426.6N Longitude: -98.2256.1W

E. For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

Northeast 100 yards to irrigation site

F. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:

Inks Lake

Section 12. Miscellaneous Information (Instructions Page 37)

A. Is the facility located on or does the treated effluent cross American Indian Land?

☐ Yes ☒ No

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

☐ Yes ☒ No ☐ Not Applicable

If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

There is no on-site sludge disposal

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

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application:

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If **yes**, provide the following information:

Account number: Amount past due:

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If **yes**, please provide the following information:

Enforcement order number: Amount past due:

Section 13. Attachments (Instructions Page 38)

Indicate which attachments are included with the Administrative Report. Check all that apply:

☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

☒ Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary

- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: Core Data Form, Flow Diagram, Site Drawing, Soil Analysis, Groundwater Quality Well Location; Pollutant Analysis, Copy of Check

Section 14. Signature Page (Instructions Page 39)

If co-applicants are necessary, each entity must submit an original, separate signature page.

Permit Number: WQ0013460001

Applicant: Camp Longhorn Capital Inc.

Certification:

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.

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

Signatory name (typed or printed): BILL ROBERTSON

Signatory title: G.M.

Signature: Bill Robertson Date: 4/16/2024

(Use blue ink)

Subscribed and Sworn to before me by the said BILL ROBERTSON

on this 16th day of April, 2024.

My commission expires on the 27th day of October, 2025.

Rosa E Ontiveros

Notary Public

[SEAL]

BURNET

County, Texas

ROSA E ONTIVEROS
Notary ID #4281119
My Commission Expires
October 27, 2025

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION

DOMESTIC TECHNICAL REPORT 1.0

The Following Is Required For All Applications

Renewal, New, And Amendment

Section 1. Permitted or Proposed Flows (Instructions Page 51)

A. Existing/Interim I Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

B. Interim II Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

C. Final Phase

Design Flow (MGD): 0.03 June/Aug., 0.0021 Sept/May

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

Estimated construction start date: February 2014

Estimated waste disposal start date: May 2015

D. Current operating phase: Final

Provide the startup date of the facility: February 2014

Section 2. Treatment Process (Instructions Page 51)

A. Treatment process description

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 in the permit, a description of *each phase* must be provided.** Process description:

24 strategically place septic tanks gravity flow and pump to a central 0.5 acre lagoon with 1.38 acre feet of storage. The liquid is aerated at the lagoon and eliminated predominanty via evaporation. Excess is surface applied not to exceed 2.8 Acre Feet/year. Sludge is hauled to an approved landfill.

Port or pipe diameter at the discharge point, in inches: N/A

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)
Septic Tanks	24	12' x 6' x 6'
Aerated Lagoon	1	0.5 acre w/1.38 ac ft capacity

C. Process flow diagrams

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

Attachment: B

Section 3. Site Drawing (Instructions Page 52)

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: C

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

Section 4. Unbuilt Phases (Instructions Page 52)

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.

Section 5. Closure Plans (Instructions Page 53)

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.

Section 6. Permit Specific Requirements (Instructions Page 53)

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:

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.

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.

Attach. D

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.*

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.

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 512-239-0000. 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.

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 512-239-0000.

Describe how the decant and grease are treated and disposed of after grit separation.

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 or TXRNE

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:

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.

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.

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.

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, a Sewage Sludge Solids Management Plan is required. See Example 5 in the instructions.

G. Other wastes received including sludge from other WWTPs and septic waste

1. Acceptance of sludge from other WWTPs

Does the facility accept or will it accept sludge from other treatment plants at the facility site?
Yes ☐ No ☒

If yes, attach sewage sludge solids management plan. See Example 5 of the instructions.

In addition, provide the date that the plant started accepting sludge 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.

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 a the date that the plant started accepting septic waste, 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.

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 the facility accepting or will it 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.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 58)

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).

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	11		1	Grab	5/14/24
Total Suspended Solids, mg/l	16		1	Grab	5/14/24
Ammonia Nitrogen, mg/l	9.40		1	Grab	5/14/24
Nitrate Nitrogen, mg/l	0.042		1	Grab	5/14/24
Total Kjeldahl Nitrogen, mg/l	12.3		1	Grab	5/14/24
Sulfate, mg/l	88.4		1	Grab	5/14/24
Chloride, mg/l	108		1	Grab	5/14/24
Total Phosphorus, mg/l	8.71		1	Grab	5/14/24
pH, standard units	N/A	N/A	N/A	N/A	N/A
Dissolved Oxygen*, mg/l	N/A	N/A	N/A	N/A	N/A
Chlorine Residual, mg/l	N/A	N/A	N/A	N/A	N/A
E.coli (CFU/100ml) freshwater	104		1	Grab	5/14/24
Entercocci (CFU/100ml)	N/A	N/A	N/A	N/A	N/A

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
saltwater					
Total Dissolved Solids, mg/l	640				
Electrical Conductivity, µmohs/cm, †	N/A	N/A	N/A	N/A	N/A
Oil & Grease, mg/l	<5.2		1	Grab	5/14/24
Alkalinity ($CaCO_3$)*, mg/l	N/A	N/A	N/A	N/A	N/A

*TPDES permits only

†TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	N/A	N/A	N/A	N/A	N/A
pH, standard units	N/A	N/A	N/A	N/A	N/A
Fluoride, mg/l	N/A	N/A	N/A	N/A	N/A
Aluminum, mg/l	N/A	N/A	N/A	N/A	N/A
Alkalinity ($CaCO_3$), mg/l	N/A	N/A	N/A	N/A	N/A

Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: Matt Manning

Facility Operator's License Classification and Level: Class D

Facility Operator's License Number: WW0034009

Section 9. Sewage Sludge Management and Disposal (Instructions Page 60)

A. Sludge disposal method

Identify the current or anticipated sludge disposal method or methods from the

following list. Check all that apply.

- ☒ Permitted landfill
- ☐ Permitted or Registered land application site for beneficial use
- ☐ Land application for beneficial use authorized in the wastewater permit
- ☐ Permitted sludge processing facility
- ☐ Marketing and distribution as authorized in the wastewater permit
- ☐ Composting as authorized in the wastewater permit
- ☐ Permitted surface disposal site (sludge monofill)
- ☐ Surface disposal site (sludge monofill) authorized in the wastewater permit
- ☐ Transported to another permitted wastewater treatment plant or permitted sludge processing facility. If you selected this method, a written statement or contractual agreement from the wastewater treatment plant or permitted sludge processing facility accepting the sludge must be included with this application.
- ☐ Other:

B. Sludge disposal site

Disposal site name: Kingsland Municipal Utility District

TCEQ permit or registration number: 11549-001

County where disposal site is located: Llano County

C. Sludge transportation method

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

Name of the hauler: Centex Wastewater Inc.

Hauler registration number: #22820

Sludge is transported as a:

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

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

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 61)

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: E
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: F
- Federal Emergency Management Map:

  Attachment:
- Site map:

  Attachment: C

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:

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:

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: N/A

Total Kjeldahl Nitrogen, mg/kg:

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg:

Phosphorus, mg/kg:

Potassium, mg/kg:

pH, standard units:

Ammonia Nitrogen mg/kg:

Arsenic:

Cadmium:

Chromium:

Copper:

Lead:

Mercury:

Molybdenum:

Nickel:

Selenium:

Zinc:

Total PCBs:

Provide the following information:

Volume and frequency of sludge to the lagoon(s):

Total dry tons stored in the lagoons(s) per 365-day period: N/A

Total dry tons stored in the lagoons(s) over the life of the unit: N/A

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.

24" Deep with clay liner attached - Attach. H

D. Site development plan

Provide a detailed description of the methods used to deposit sludge in the

lagoon(s):

Effluent from septic treatment. Sludge has never been recovered from lagoon.

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)

  Attachment: H
- Copy of the closure plan

  Attachment:
- Copy of deed recordation for the site

  Attachment:
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: H
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment:
- Procedures to prevent the occurrence of nuisance conditions

  Attachment:

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:

Section 12. Authorizations/Compliance/Enforcement

(Instructions Page 63)

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:

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:

Section 13. RCRA/CERCLA Wastes (Instructions Page 63)

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:

Section 14. Laboratory Accreditation (Instructions Page 64)

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: Matt Manning

Title: Operator

Signature: _____

Date: 4-16-24

DOMESTIC WORKSHEET 3.0

LAND DISPOSAL OF EFFLUENT

The following is required for all permit applications

Renewal, New, and Amendments

Section 1. Type of Disposal System (Instructions Page 77)

Identify the method of land disposal:

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

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

For existing authorizations, provide Registration Number:

Section 2. Land Application Site(s) (Instructions Page 77)

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
Perennial Pasture Land 0.03 MGD (June-August	5	30,000	N

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Perennial Pasture Land 0.0021 MGD (Sept.-May)	5	2,100	N

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 77)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
1	0.4	0.62	151' x 131'	2' clay

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

Attachment: I

Section 4. Flood and Runoff Protection (Instructions Page 77)

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.

Provide the source used to determine the 100-year frequency flood level:

FEMA

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

Soil berm above to divert rainfall away from pond.

Section 5. Annual Cropping Plan (Instructions Page 77)

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: I

- 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 78)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation (on a separate page) indicating why.

Attachment: J

- 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 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 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
57-22-206	Withdrawal of Water	Y	open	
57-22-207	Withdrawal of Water	Y	open	
287756	Domestic	N	cased	
10436	Domestic	N	cased	
57-22-403	Stock	Y	open	
57-22-502	Domestic	Y	Open	
57-22-503	Domestic	Y	Open	
57-22-504	Stock	Y	Open	

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
319337	Domestic	Y	Open	
477706	Domestic	Y	Open	
127479	Domestic	Y	Open	
515363	Domestic	Y	Open	
219031	Domestic	Y	Open	
277220	Domestic	Y	Open	
135885	Domestic	Y	Open	
989	Withdrawal of water	Y	Plugged	
369257	Domestic	Y	Open	

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

Attachment: J

Section 7. Groundwater Quality (Instructions Page 79)

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: J

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

Attachment:

Section 8. Soil Map and Soil Analyses (Instructions Page 79)

A. Soil map

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

Attachment: F

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: N

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
% Solids	0-6"	90.4		9/19/23
Total Kjeldahl Nitrogen as N	0-6"	830		9/19/23
Total Nitrogen	0-6"	845		9/19/23
% Solids	6-18"	90.3		9/19/23
Total Kjeldahl Nitrogen as N	6-18"	382		9/19/23
Total Nitrogen	6-18"	391		9/19/23
% Solids	18-30"	90.0		9/19/23
Total Kjeldahl Nitrogen as N	18-30"	292		9/19/23
Total Nitrogen	18-30"	300		9/19/23

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
% Solids	0-6"	92.3		9/27/22
Total Kjeldahl Nitrogen as N	0-6"	1040		9/27/22
Total Nitrogen	0-6"	1070		9/27/22
% Solids	6-18"	88.7		9/28/22
Total Kjeldahl Nitrogen as N	6-18"	1390		9/27/22
Total Nitrogen	6-18"	1400		9/27/22

Section 9. Effluent Monitoring Data (Instructions Page 80)

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	BOD_5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
6/13/23		70		8.0		4.9
8/17/23		25		8.0		4.9
8/17/23		46		8.1		4.9
6/14/22		73		8.1		4.9
7/19/22		70		8.0		4.9
8/09/22		87		8.0		4.9

Date	30 Day Avg Flow MGD	BOD_5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

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

Attachment 1

Core Data Form

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission *(If other is checked please describe in space provided.)*

☐ New Permit, Registration or Authorization *(Core Data Form should be submitted with the program application.)*

☒ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number *(if issued)*
CN 600797229		RN 101522860

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* — *If new Customer, enter previous Customer below:*

Camp Longhorn Capital Inc.

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*

11. Type of Customer: ☒ Corporation ☐ Individual Partnership: ☐ General ☒ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☒ Operator ☐ Owner & Operator ☐ Other:
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant

15. Mailing Address:

1 Longhorn Road

City	Burnet	State	TX	ZIP	78611	ZIP + 4	2800

16. Country Mailing Information *(if outside USA)*

17. E-Mail Address *(if applicable)*
matt@camplonghorn.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*

(830)613-1111		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Inks Lake Wastewater Treatment Facility

23. Street Address of the Regulated Entity: ***(No PO Boxes)***								
	1 County Road 120B							
	City	Marble Falls	**State**	TX	**ZIP**	78611	**ZIP + 4**	
24. County	Burnet							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:					
26. Nearest City			**State**		**Nearest ZIP Code**

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:	30.67190 N		**28. Longitude (W) In Decimal:**	-98.33951 W	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
7032		721214	

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Wastewater Treatment

34. Mailing Address:								
	1 Longhorn Road							
	City	**Burnet**	**State**	TX	**ZIP**	78611	**ZIP + 4**	
35. E-Mail Address:	matt@camplonghorn.com							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(830) 613-1111		( ) -

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0013460001			

SECTION IV: Preparer Information

40. Name:	Robin Butcko	**41. Title:**	Senior Wastewater Manager

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(713)458-8612		( ) -	robin@permittingservices.net

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Camp Longhorn Capital, Inc.	**Job Title:**	Operator
Name *(In Print):*	Matt Manning	**Phone:**	(830)613-1111
Signature:		**Date:**	4-16-24

Attachment A

UGSG Map

USGS
science for a changing world

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

KINGSLAND QUADRANGLE
TEXAS
7.5-MINUTE SERIES

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid: Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, August 2016 - November 2016
Roads.....U.S. Census Bureau, 2019 - 2019
Names.....GNIS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2021
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

QUADRANGLE LOCATION

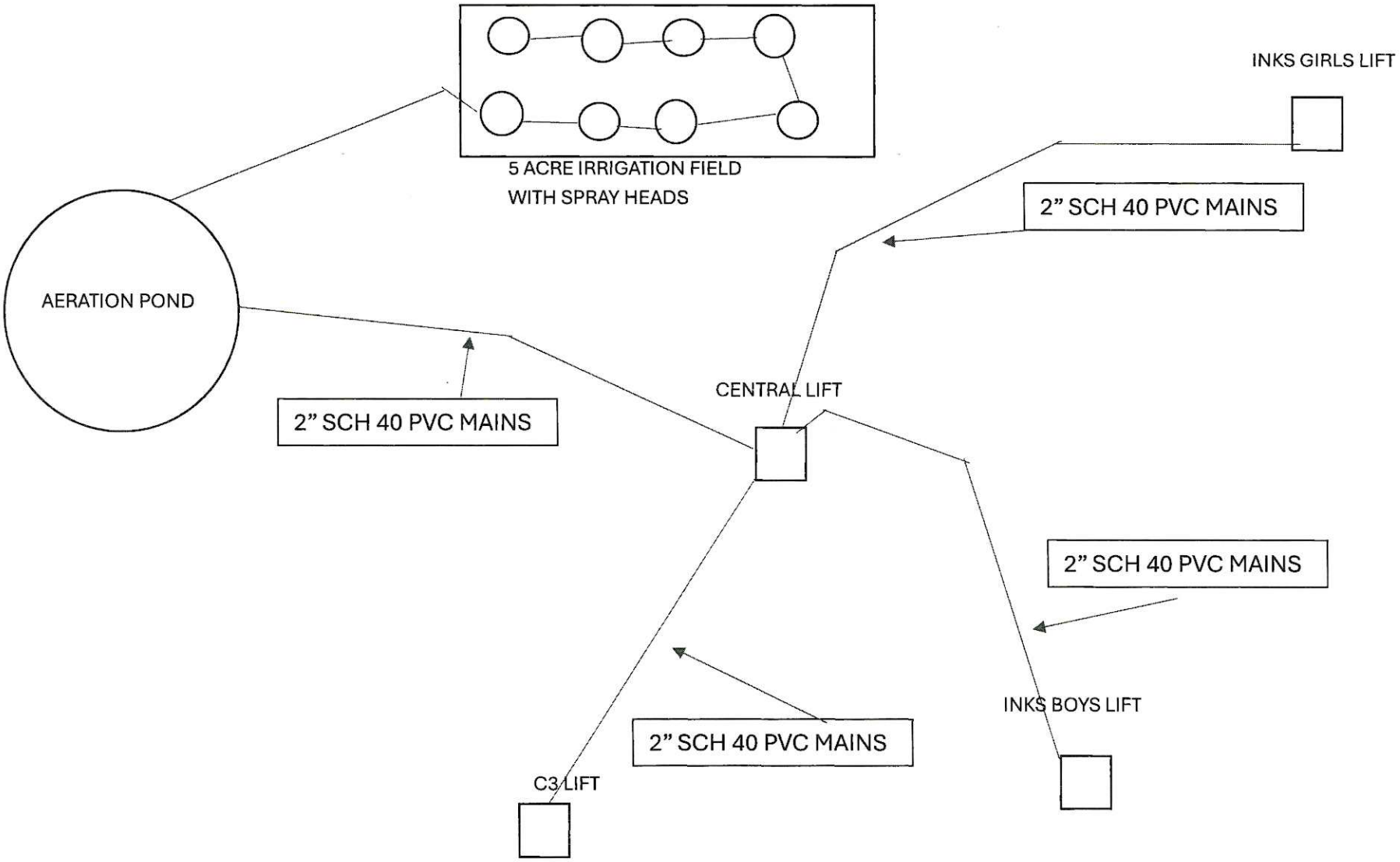
ADJOINING QUADRANGLES
1 Lone Grove
2 Lake Buchanan
3 Council Creek
4 Cap Mountain
5 Longhorn Cavern
6 Click
7 Dunman Mountain
8 Marble Falls

ROAD CLASSIFICATION
Expressway — Local Connector
Secondary Hwy — Local Road
Ramp — 4WD
Interstate Route — US Route — State Route

KINGSLAND, TX
2022

Attachment B

Flow Diagram


INKS GIRLS LIFT
5 ACRE IRRIGATION FIELD
WITH SPRAY HEADS
2" SCH 40 PVC MAINS
AERATION POND
2" SCH 40 PVC MAINS
CENTRAL LIFT
2" SCH 40 PVC MAINS
INKS BOYS LIFT
2" SCH 40 PVC MAINS
C3 LIFT

Attachment C

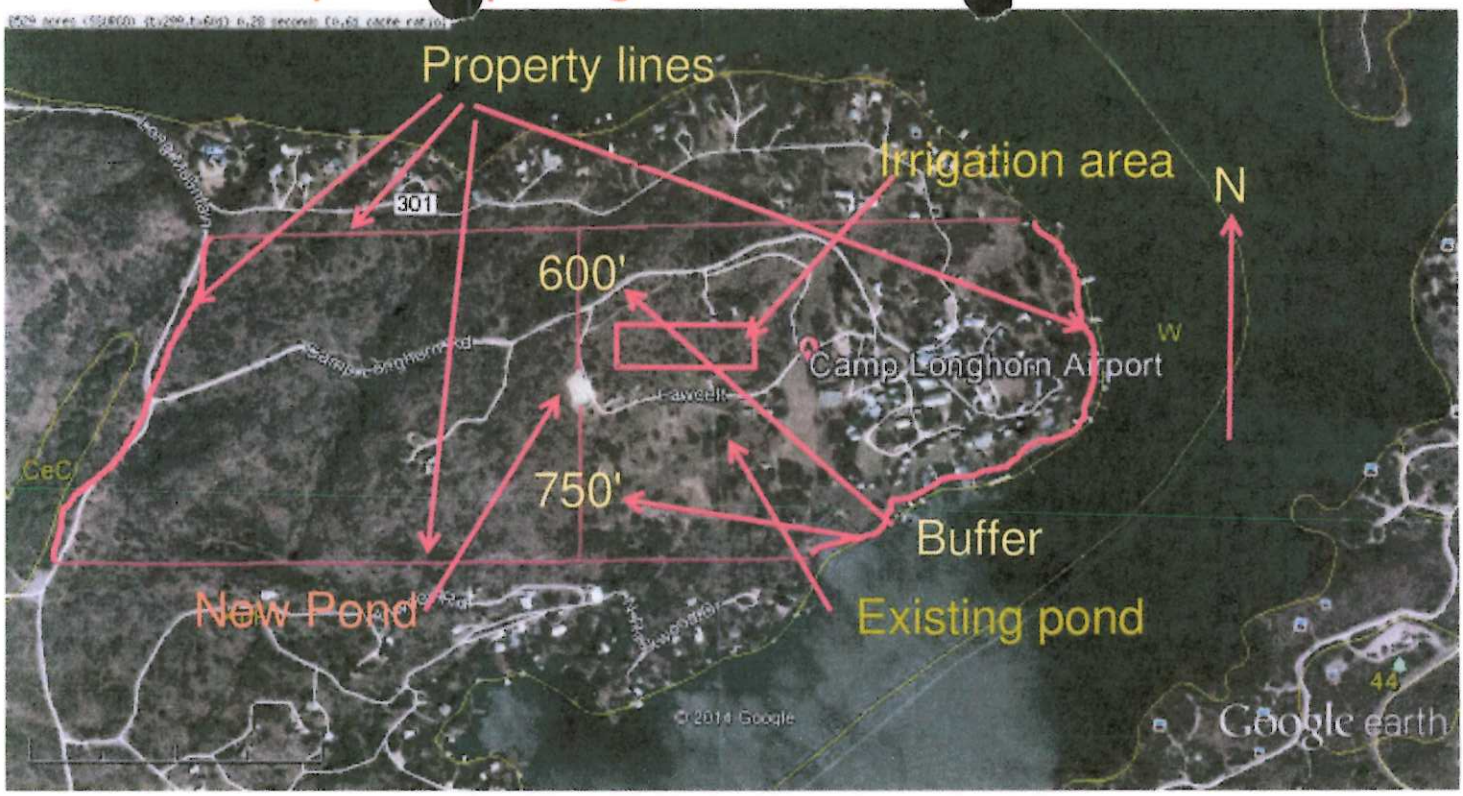
Site Drawing


1 30°44'30" 98°22'51"
2 30°44'29" 98°22'44"
3 30°44'28" 98°22'55"
4 30°44'30" 98°22'55"
4.9 acre area
property line
630'
525'
735'
210'
1125'
disposal site
new pond
30°44'26.6"
98°22'56.1"
existing pond
1050'
NORTH
scale 1"=400'
property line
© 2013 Google
1995
Imagery Date: 1/13/2014 30°44'27.65" N 98°22'58.51" W elev 987 ft

Attachment D

Buffer Zone Map

Buffer Map - Camp Longhorn



Google earth

feet 3000
km 1

Attachment E

Original General Highway County Map

Texas Department of Transportation

Texas County Highway Maps

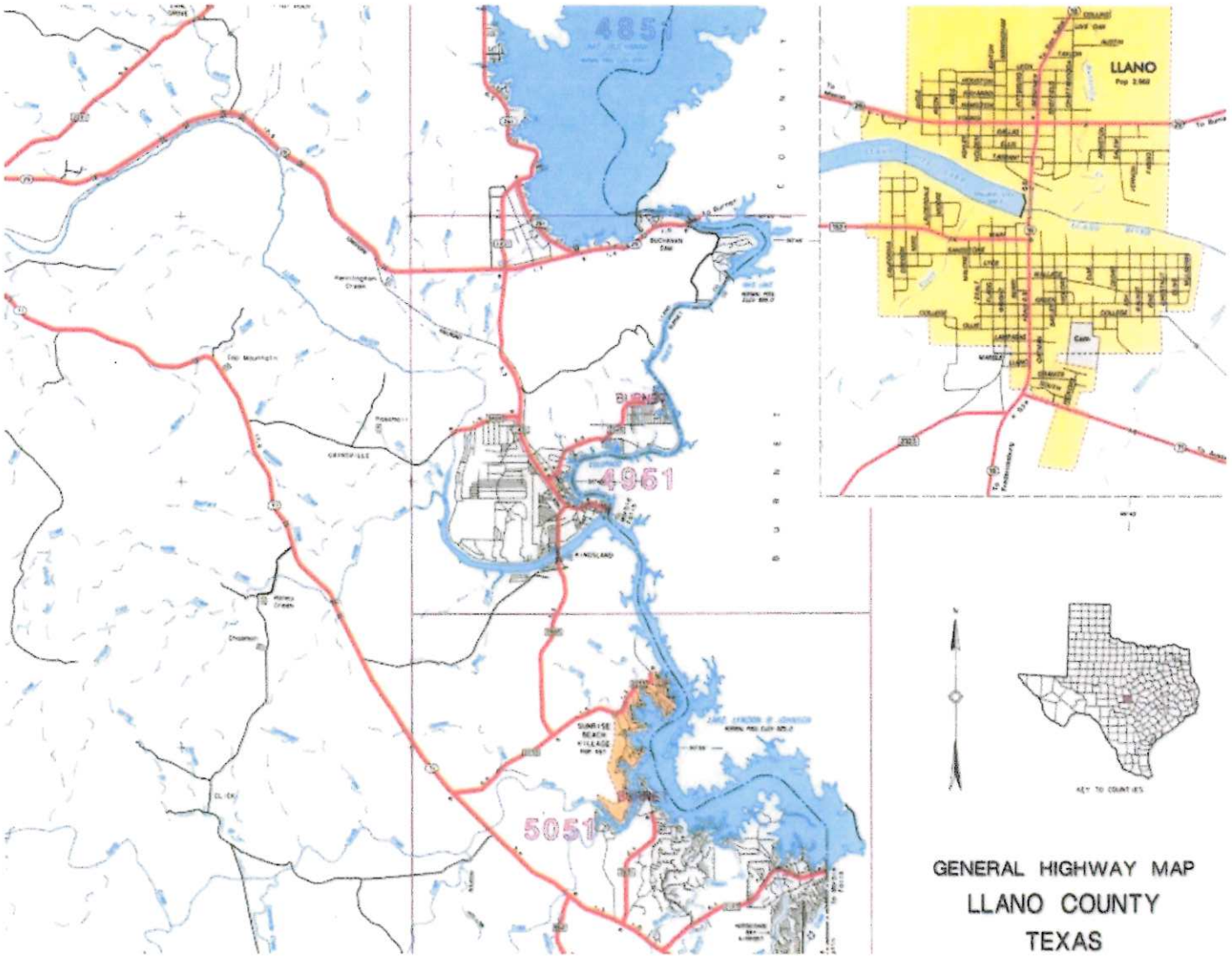
MrSID Image Navigation

To navigate this map, click on the image below and the view will focus on the point that you click. To choose a new resolution (zoom level) or image window size, use the menus to the left and click on the image.

Resolution
25
(percent zoom)

Image Size
1024x768
(width x height pixels)

current settings: 1024 x 768 (width x height pixels) 25 (percent zoom)



home

Texas Department of Transportation

Texas County Highway Maps

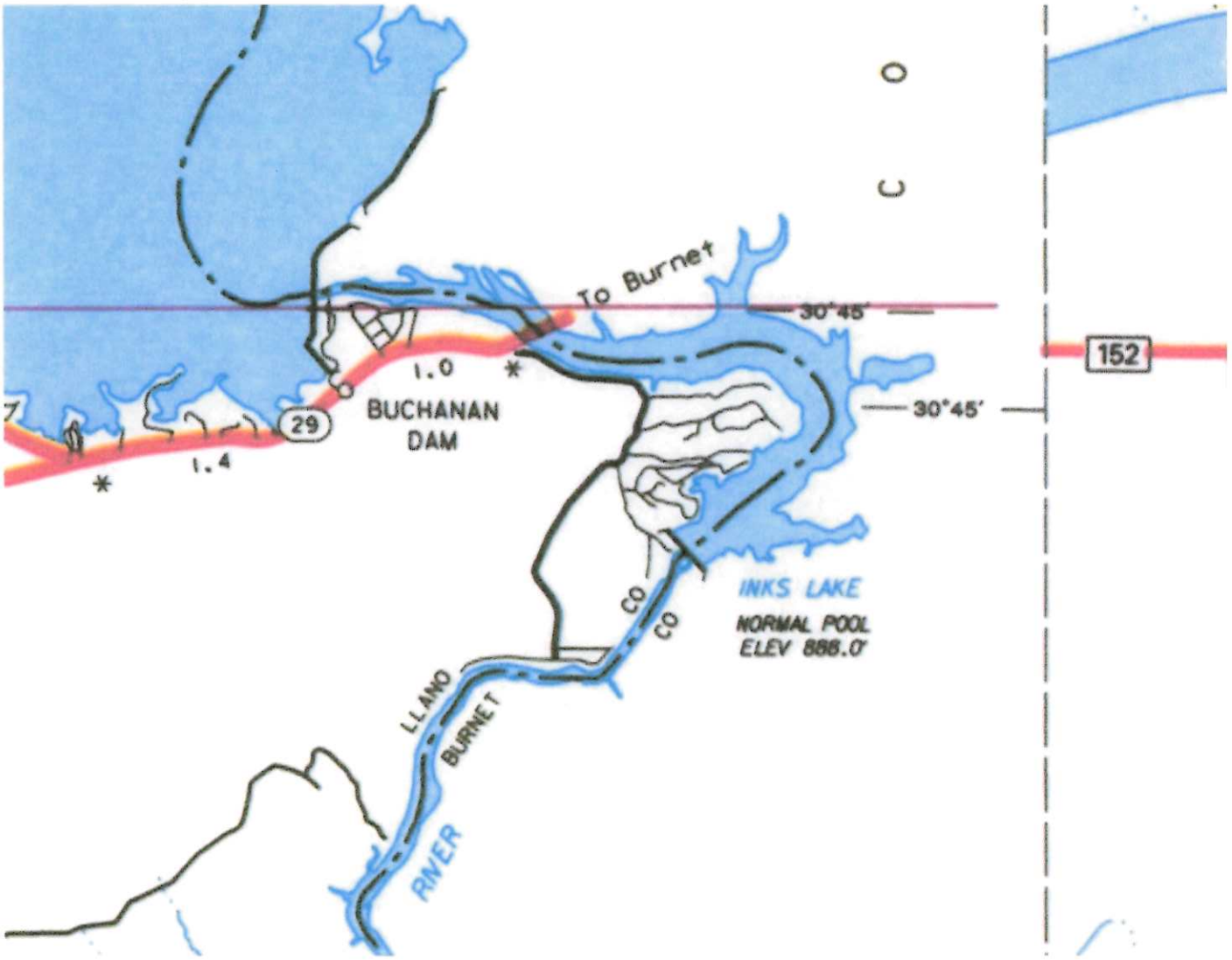
MrSID Image Navigation

To navigate this map, click on the image below and the view will focus on the point that you click. To choose a new resolution (zoom level) or image window size, use the menus to the left and click on the image.

Resolution
100
(percent zoom)

Image Size
1024x768
(width x height pixels)

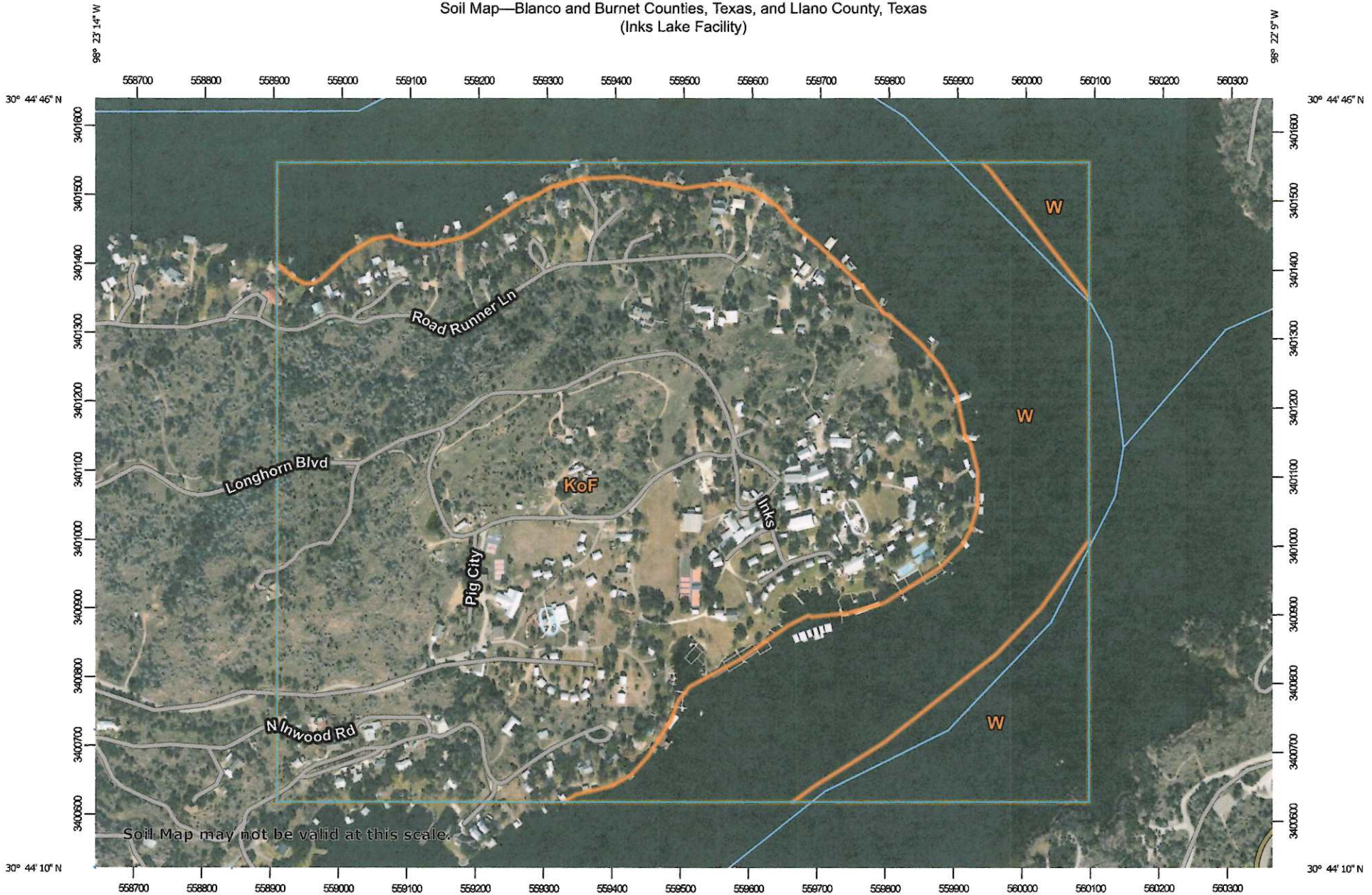
current settings: 1024 x 768 (width x height pixels) 100 (percent zoom)



Attachment F

Soil Map

Soil Map—Blanco and Burnet Counties, Texas, and Llano County, Texas
(Inks Lake Facility)



Map Scale: 1:7,880 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 100 200 400 600

Feet
0 350 700 1400 2100

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at scales ranging from 1:24,000 to 1:31,700.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Blanco and Burnet Counties, Texas
Survey Area Data: Version 20, Sep 5, 2023

Soil Survey Area: Llano County, Texas
Survey Area Data: Version 19, Sep 5, 2023

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 15, 2019—Dec 19, 2019

MAP LEGEND

MAP INFORMATION

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

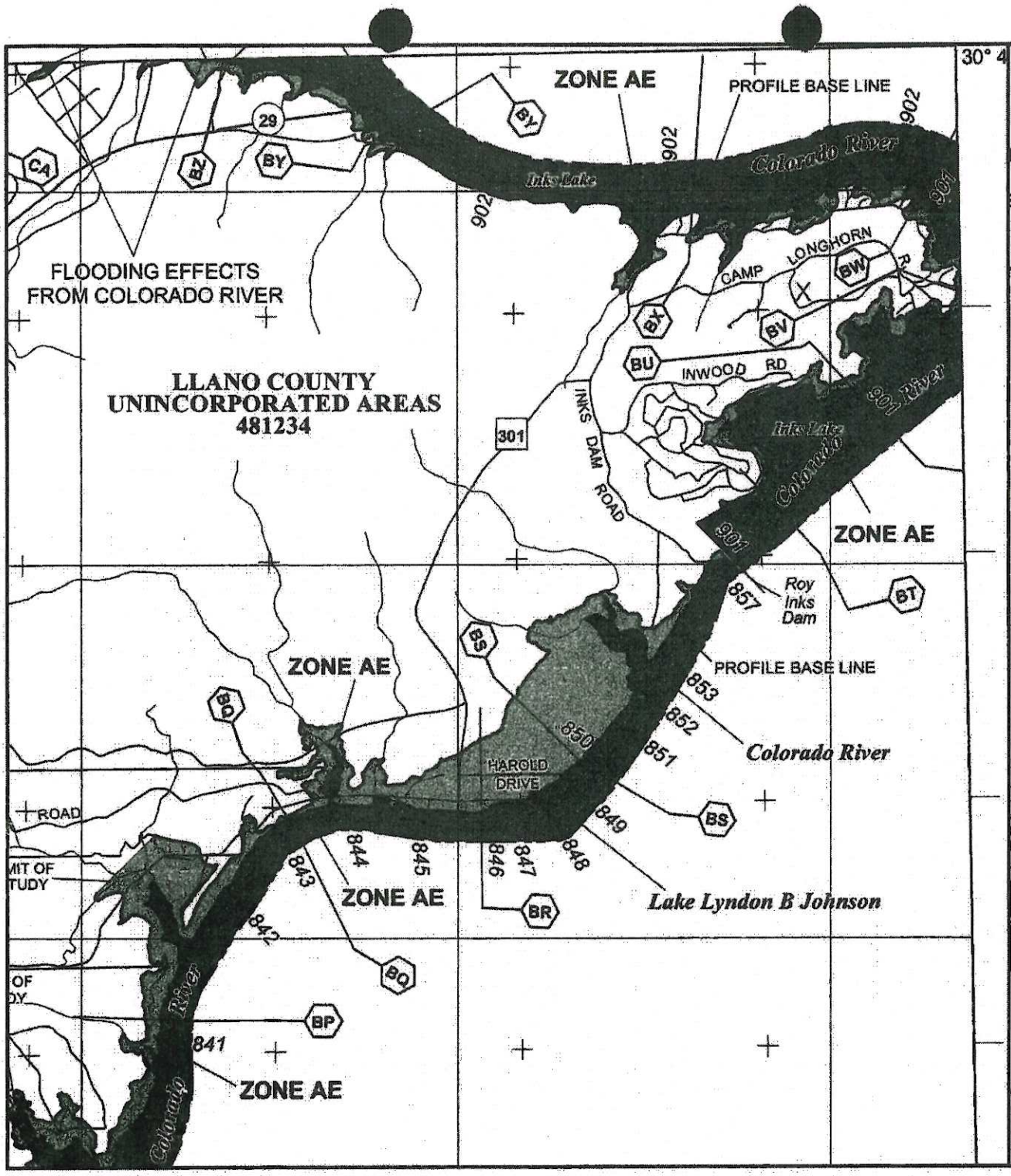
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
W	Water	21.1	7.7%
Subtotals for Soil Survey Area		**21.1**	**7.7%**
Totals for Area of Interest		**273.6**	**100.0%**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KoF	Keese-Rock outcrop complex, 8 to 35 percent slopes, stony	175.8	64.2%
W	Water	76.7	28.0%
Subtotals for Soil Survey Area		**252.5**	**92.3%**
Totals for Area of Interest		**273.6**	**100.0%**

Attachment G

Federal Emergency Management Map



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

FIR

FLOOD

LLAN

TEXA

AND I

PANEL

(SEE MA

CONTAINS:

COMMUNI

LLANO COU

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Notice to

should be

Communi

used on

communit

Federal

This is an official copy of a po

was extracted using F-MIT Or

or amendments which may ha

title block. For the latest proc

Program flood maps check th

Attachment H

Lagoon Letter from Engineer

Lagoon Spec's

highlandlakes.engineering@yahoo.com
Box 1164, Kingsland, TX 78639
830-637-9584
TX.REG. F-9209

To: TCEQ
From: Brad Shaw
Subject: Domestic Wastewater Treatment Operation, SIC Code 7032
owner: Camp Longhorn Capital, Inc.
1 Longhorn Road, Burnet, Texas 78611-2800
TCEQ Permit #13460-001

Under the provisions of Texas Water Code Chapter 26, the subject facility requests permission to relocate the existing Storage Lagoon to a new location as shown on the attached plat. This project is in LLANO County, Texas

The New Lagoon was installed in accordance with TCEQ regulations under my direct supervision. A soil analysis of the 24" deep clay liner is attached. Dimensions of the new lagoon are as follows:

(see attached lagoon layout)

Elliptical Dam 151' x 131'

Volume Below Maximum water depth (2' freeboard from dam top)
27166cf = 0.62 acre ft of storage

Volume below normal water depth
16060cf = 0.37 acre ft of capacity

The new lagoon was completed on 1/26/2014
Filling with surface water began on 2/3/2014
Final fill normal pool achieved on 2/25/2014
Final Review on 3/6/2014 showed no signs of leakage or water loss.

Water will remain in the new lagoon until acceptance notification is received from TCEQ. Then test water will be used for irrigation and replaced with treated domestic waste effluent and stored for final disposal on the area shown on the attached plat. Total disposal area is 4.9 acres of non-acess perennial pasture land.

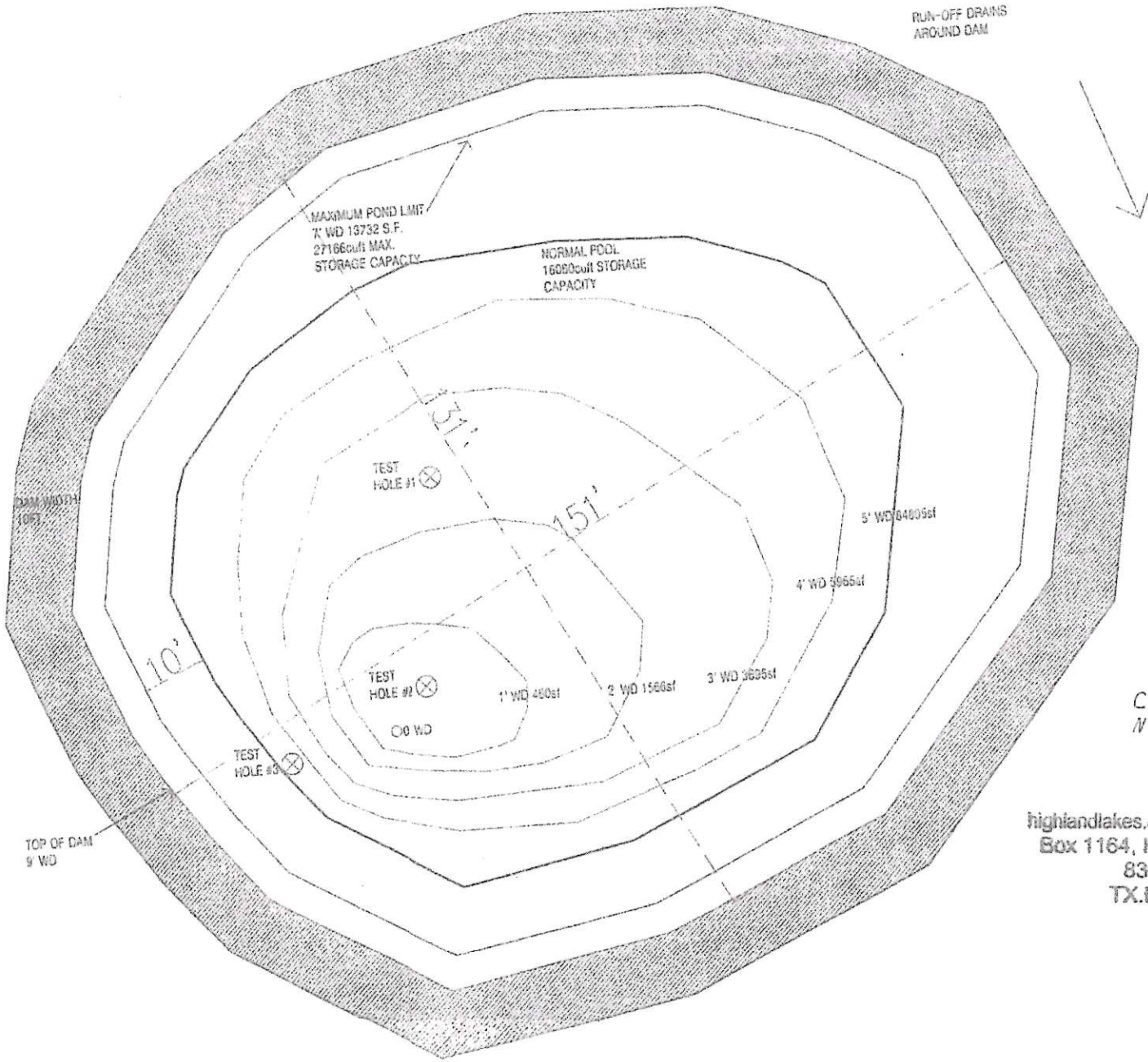
This is to certify that I, Bradley Shaw, PE #44268, was involved in review of each construction step in the creation of the lagoon and hereby certify that the lagoon was installed in accordance with Chapter 26 Standards of the Texas Water Code.

STATE OF TEXAS
BRADLEY W. SHAW
44268
LICENSED
PROFESSIONAL ENGINEER

3/18/2014

RECEIVED
JUL 23 2014
Water Quality Division
Application Team

TEST HOLE #1 25" clay to compacted base
TEST HOLE #2 26" clay to compacted base
TEST HOLE #3 27" clay to compacted base



STATE OF TEXAS
BRADLEY W. SHAW
94203
LICENSED
PROFESSIONAL ENGINEER

DV Pond 3/10 Feet

Camp Longhorn
New Storage
Lagoon

highlandlakes.engineering@yahoo.com
Box 1164, Kingsland, TX 78639
830-637-9584
TX.REG. F-9209

Attachment I

Cropping Plan

LOCATION HENSLEY TX

Established Series
Rev. JDM-GLL-JCW-WJG-ALB
07/2010

HENSLEY SERIES

The Hensley series consists of soils that are shallow to indurated limestone bedrock of Lower Cretaceous and Pennsylvanian age. These well drained soils formed in residuum derived from weathering of limestone bedrock. These gently sloping to steep soils are on summits and shoulders of ridges on dissected plateaus. Slopes are 1 to 8 percent. Mean annual temperature is about 18 degrees C (65 degrees F) and mean annual precipitation is about 813 mm (32 in).

TAXONOMIC CLASS: Clayey, mixed, active, thermic Lithic Rhodustalfs

TYPICAL PEDON: Hensley loam, in native grass pasture. (Colors are for dry soil unless otherwise stated.)

A--0 to 10 cm (0 to 4 in); brown (7.5YR 4/2) loam, dark brown (7.5YR 3/2) moist; moderate fine granular structure, surface crusty when dry; hard, friable; many fine roots; slightly alkaline; clear smooth boundary. (Thickness of the A horizon is 10 to 25 cm [4 to 10 in])

Bt--10 to 41 cm (4 to 16 in); dark reddish brown (2.5YR 3/4) clay, dark reddish brown (2.5YR 3/4) moist; moderate very fine and fine angular blocky structure; extremely hard, very firm; common fine roots; common distinct clay films on faces of peds; slightly alkaline; abrupt smooth boundary. (Thickness of the Bt horizon is 15 to 36 cm [6 to 14 in])

R--41 to 66 cm (16 to 26 in); indurated limestone bedrock with 0.03 to 38 cm (0.12 to 1.5 in) wide fractures at intervals of about 60 to 122 cm (24 to 48 in).

TYPE LOCATION: Montague County, Texas; from the intersection of Farm Road 677 and U.S. Highway 82 in Saint Jo; 1.9 miles southwest on Farm Road 677, 90 feet west of Farm Road 677, in pasture. (Saint Jo USGS topographic quadrangle; Latitude: 33 degrees, 40 minutes, 29.50 seconds N; Longitude: 97 degrees, 32 minutes, 32.59 seconds W.; NAD83)

RANGE IN CHARACTERISTICS:
Solum thickness to bedrock: 25 to 50 cm (10 to 20 in)
Surface fragments: amount-0 to 50 percent by area, kind-limestone, size-about 15 to 122 cm (6 to 48 in) across and about 3 to 10 cm (1 to 4 in) thick. Ironstone fragments mainly less than 7.5 cm (3 in) across cover the soil surface. Stony phases are recognized.
Clay content: from soil surface to bedrock is more than 35 percent when the solum is less than 36 cm (14 in) thick.

A horizon
Hue: 2.5YR to 7.5YR
Value: 3 or 5, dry and moist
Chroma: 2 to 4, dry and moist

Texture: Loam or clay loam
Rock fragments: amount-0 to 15 percent by volume, kind-limestone and ironstone, size-gravel, cobbles and stones.
Effervescence: Noneffervescent to slightly
Reaction: Slightly acid to slightly alkaline
Other features: In pedons where moist value and chroma are 3 or less, the epipedon is not thick enough for a mollic epipedon.

Bt horizon
Hue: 2.5YR to 7.5YR
Value: 3 or 4, dry and moist
Chroma: 3 to 6, dry and moist
Texture: Clay loam or clay
Clay content: 35 to 55 percent
Fragments: amount-0 to 10 percent by volume, kind-limestone and ironstone, size-2 mm to 20 mm
Effervescence: Noneffervescent to slightly
Reaction: Neutral to moderately alkaline

R layer
Kind: Strongly cemented or indurated fractured limestone bedrock

COMPETING SERIES: There are no competing series. Similar series are Binger (OK), Cosh (TX), Ligon (TX), and Sedona (AZ).
Binger and Ligon soils: Are moderately deep to paralithic contact. Binger derived from sandstone. Ligon derived from schist.
Cosh soils: Are loamy, shallow to paralithic contact and are derived from sandstone.
Sedona soils: Have greater than 35 percent rock fragments.

GEOGRAPHIC SETTING:
Parent material: Formed in residuum derived from the weathering of limestone of the Lower Cretaceous and Pennsylvanian periods.
Landscape: Dissected plateau
Landform: Summits and shoulders of ridges
Slopes: 0 to 8 percent, but mainly slopes are less than 3 percent
Climate: Dry subhumid
Soil moisture: Typic ustic moisture regime
Precipitation Pattern: The majority of the yearly amount occurs during the fall and spring months. The winter and summer months are normally drier.
Mean annual temperature: 18 to 19 degrees C (64 to 66 degrees F)
Mean annual precipitation: 610 to 1016 mm (24 to 40 in)
Frost free period: 210 to 250 days
Elevation: 107 to 685 m (350 to 2,250 ft)
Thornthwaite annual P-E indices: 32 to 54

GEOGRAPHICALLY ASSOCIATED SOILS: These include the competing Lindy and Speck series and the Bolar, Palopinto, and Yates series.
Lindy and Speck soils: are on similar landscapes
Bolar soils: are 50 to 100 cm (20 to 40 in) thick and are on lower slopes.
Palopinto and Yates soils: have greater than 35 percent fragments in the control section. In addition,

Palopinto soils are on lower slopes, and Yates soils are on steeper summits, shoulders and backslopes of ridges.

DRAINAGE AND PERMEABILITY: Well drained. Permeability is slow. Runoff is very low on 1 to 3 percent slopes, low on 3 to 5 percent slopes, and medium on 5 to 8 percent slopes.

USE AND VEGETATION: Mainly rangeland. Some areas are used for small grain. The climax plant community is a tall grass savannah with post oak, blackjack oak, and live oak throughout the landscape. The dominant grass is little bluestem. Other grasses include big bluestem, yellow Indiangrass, sideoats grama, wildrye, plains lovegrass, Texas wintergrass, vine mesquite, pinhole bluestem, meadow dropseed, Texas cupgrass, curly mesquite, and buffalograss. Woody plants include live oak, post oak, blackjack oak, redbud, greenbriar, and hackberry. Forbs, such as velvet bundleflower, Engelmann daisy, orange zexmenia, and Mexican sagewort, are present. The site could potentially deteriorate to a plant population of Ashe juniper, Texas persimmon, prickly pear, mesquite, live oak, Texas grama, hairy tridens, red grama, prairie coneflower, and broomweed.

DISTRIBUTION AND EXTENT: West-Central Texas; Central Great Plains Winter Wheat and Range Region, LRR-H: MLRA 78A-Rolling Limestone Prairie; and MLRA 80B-Texas North-Central Prairies. Southwest Plateaus and Plains Range and Cotton Region, LLR-I: MLRA 81B-Edwards Plateau, Central Part and 81C-Edwards Plateau, Eastern Part; MLRA 82A-Texas Central Basin. Southwestern Prairies Cotton and Forage Region, LLR-J: MLRA 85-Grand Prairie. This series is extensive.

MLRA SOIL SURVEY REGIONAL OFFICE (MO) RESPONSIBLE: Temple, Texas

SERIES ESTABLISHED: Gillespie County, Texas; 1970.

REMARKS:
Diagnostic horizons and features recognized in this pedon are:
Ochric epipedon: 0 to 10 cm (0 to 4 in) (A Horizon)
Argillic horizon: 10 to 41 cm (4 to 16 in) (Bt Horizon)
Lithic contact: contact with limestone bedrock at 41 cm (16 in) (top of R layer)

ADDITIONAL DATA: National Soil Survey Laboratory, Palo Pinto County, TX, S74TX-363-9 (74L1127-1128).

TAXONOMIC VERSION: Keys to Soil Taxonomy, 11th Edition, 2010.

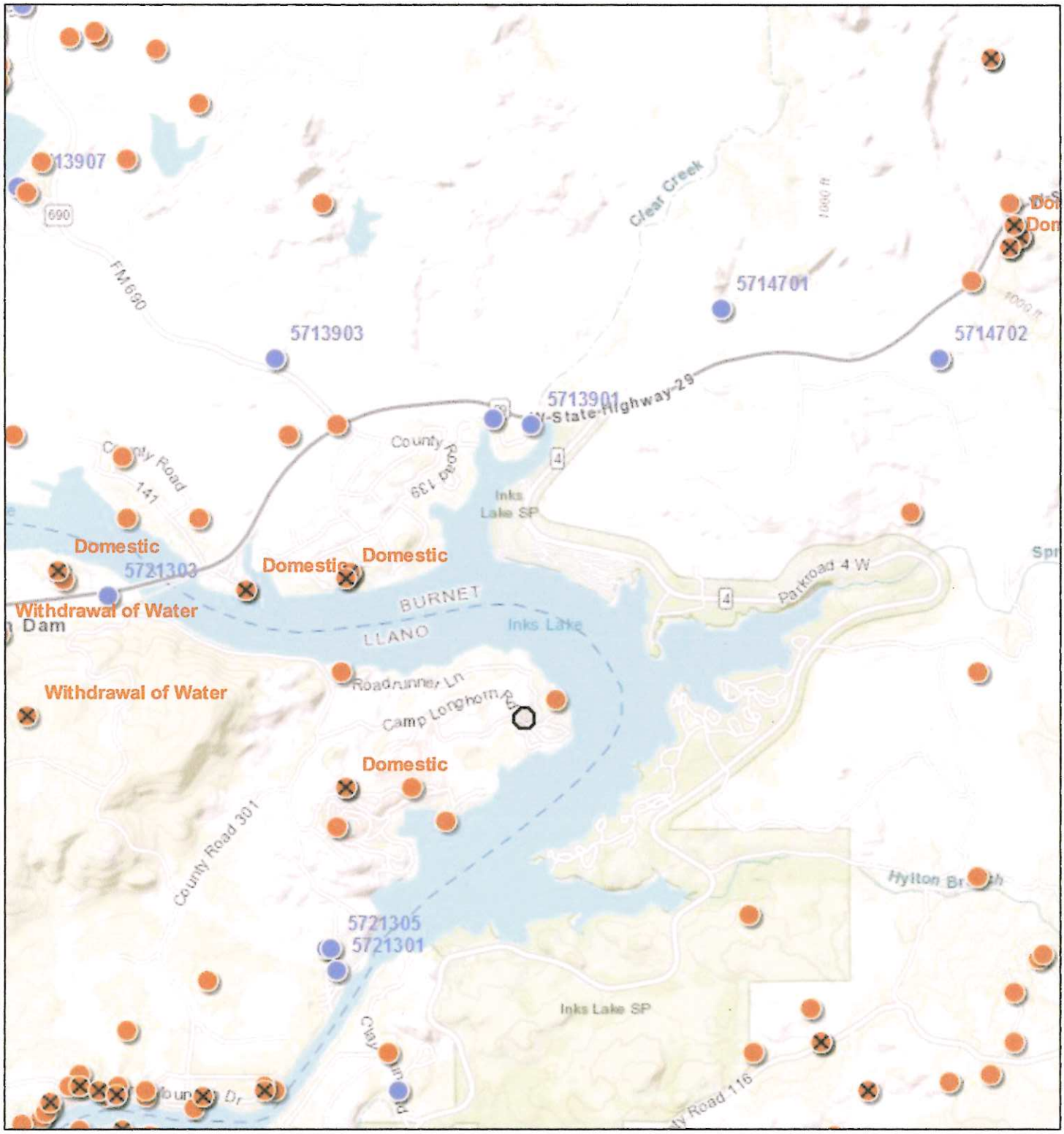
National Cooperative Soil Survey
U.S.A.

Attachment J

Well & Map Information

Well ID Info Well Log

Inks Lake Camp



Texas Water Development Board

April 27, 2024

0 0.3 0.6 1.2 mi

0 0.5 1 2 km

1:36,112

Plugging Reports

TWDB Groundwater

Well Reports

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

TEXAS WATER DEVELOPMENT BOARD

Texas Water Development Board

Texas Water Development Board (TWDB) Groundwater Database (GWDB) Well Information Report for State Well Number 57-22-206

groundwater division

GWDB Reports and Downloads | **Well Basic Details** | Scanned Documents

State Well Number	5722206
County	Burnet
River Basin	Colorado
Groundwater Management Area	8
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Central Texas GCD
Latitude (decimal degrees)	30.711945
Latitude (degrees minutes seconds)	30° 42' 43" N
Longitude (decimal degrees)	-98.310834
Longitude (degrees minutes seconds)	098° 18' 39" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	371SNSB - San Saba Limestone
Aquifer	Ellenburger-San Saba
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1390
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	100
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1943
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Piston
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Donald Duncan
Driller	S.W. Samford
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	8/14/1961
Last Update Date	10/8/2009

Remarks	Deepend from 50 feet due to drought in 1950s.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
6	Blank				0	6
	Open Hole				6	100

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

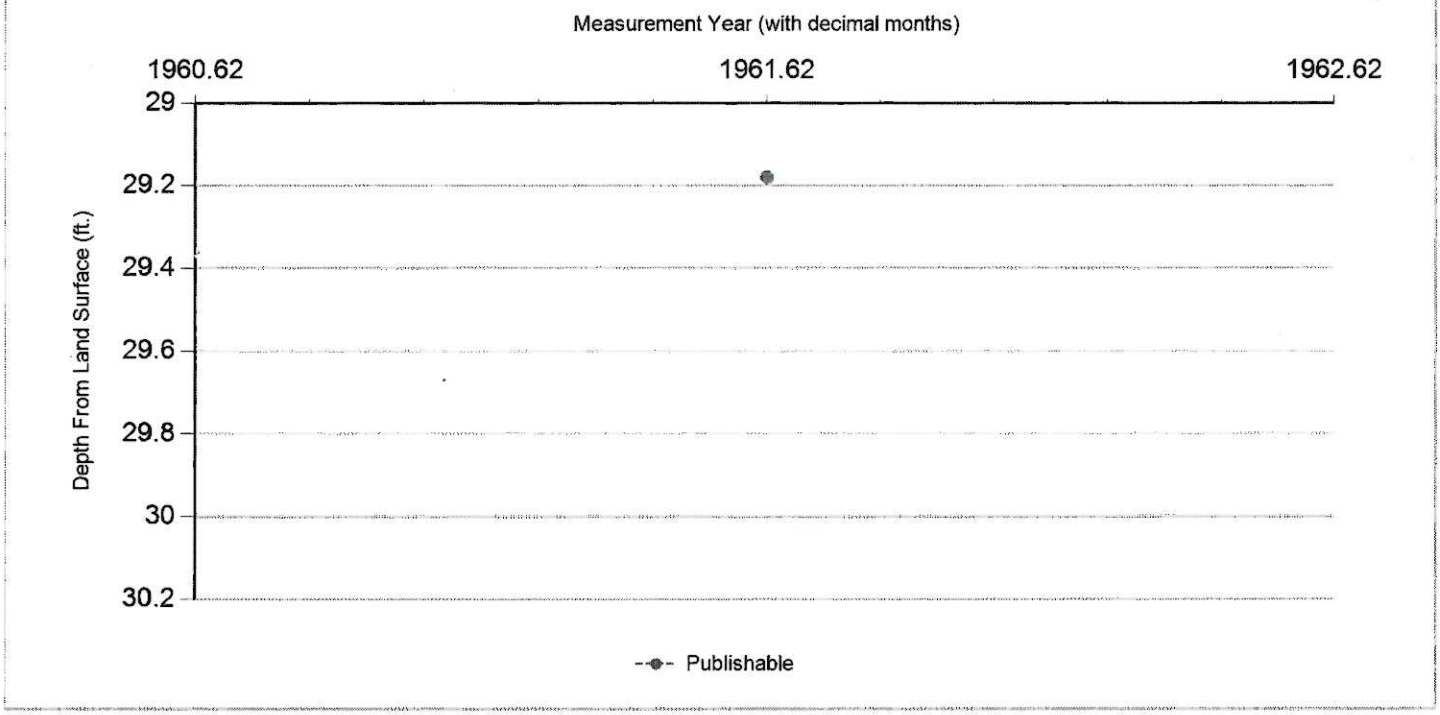
Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	8/16/1961		29.18		1360.82	1	Texas Water Development Board	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 8/14/1961 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: San Saba Limestone

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		311	mg/L as CACO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		379.53	mg/L	
00910	CALCIUM (MG/L)		142	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		91	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.1	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		696	mg/L as CACO 3	
01045	IRON, TOTAL (UG/L AS FE)		400	ug/L	
00920	MAGNESIUM (MG/L)		83	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		336	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.3	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		13.4	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.56		
00932	SODIUM, CALCULATED, PERCENT		9	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		34	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		1608	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		83	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		21	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		969	mg/L	

Water Quality Analysis

Sample Date: 7/24/1980 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: San Saba Limestone

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		406	mg/L as CACO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		495.46	mg/L	
00910	CALCIUM (MG/L)		147	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		77	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)	<	0.1	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		601	mg/L as CACO 3	
00920	MAGNESIUM (MG/L)		57	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		166.2	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		8.1	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		15	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		14	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.55		
00932	SODIUM, CALCULATED, PERCENT		10	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		31	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		1530	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		73	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		823	mg/L	

Water Quality Analysis

Sample Date: 6/27/1986 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: San Saba Limestone

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		381	mg/L as CACO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		464.95	mg/L	
00910	CALCIUM (MG/L)		114	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		68	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.1	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		564	mg/L as CACO 3	
00920	MAGNESIUM (MG/L)		68	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		134.72	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.7	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		14	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		14	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.57		
00932	SODIUM, CALCULATED, PERCENT		10	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		31	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		1395	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		71	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		21	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		743	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

Texas Water Development Board

Texas Water Development Board (TWDB) Groundwater Database (GWDB) Well Information Report for State Well Number 57-22-207

groundwater division

GWDB Reports and Downloads | **Well Basic Details** | Scanned Documents

State Well Number	5722207
County	Burnet
River Basin	Colorado
Groundwater Management Area	8
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Central Texas GCD
Latitude (decimal degrees)	30.709445
Latitude (degrees minutes seconds)	30° 42' 34" N
Longitude (decimal degrees)	-98.309445
Longitude (degrees minutes seconds)	098° 18' 34" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	371HCKR - Hickory Sandstone
Aquifer	Other
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1430
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	650
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1951
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Piston
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Donald Duncan
Driller	S.W. Samford
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	River Authority
Created Date	10/8/2009
Last Update Date	10/8/2009

Remarks	

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
6	Blank				0	6
	Open Hole				6	650

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

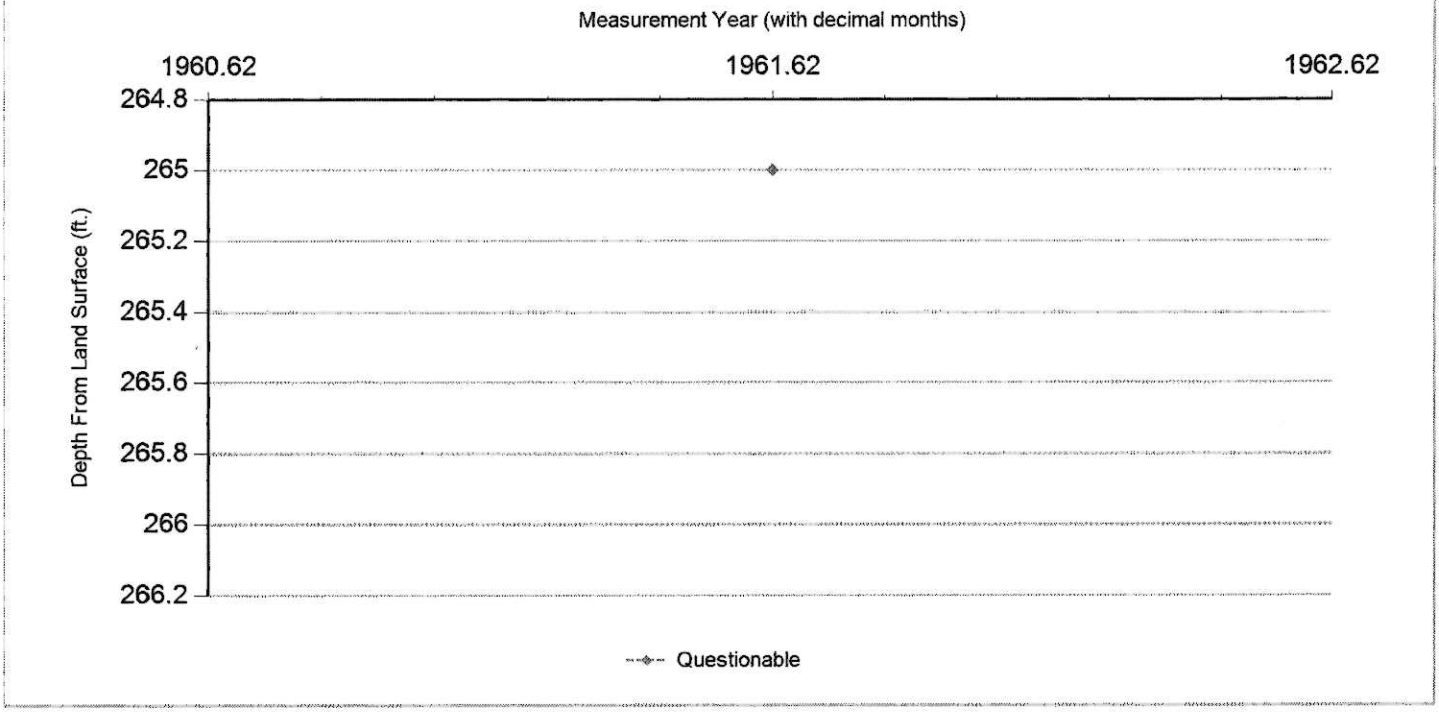
Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
Q	8/16/1961		265		1165	1	Texas Water Development Board	Steel Tape	10	

Code Descriptions

Status Code	Status Description
Q	Questionable

Remark ID	Remark Description
10	Inconsistent or spotty tape mark due to wet or leaking casing

Water Quality Analysis

Sample Date: 7/25/1974 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Hickory Sandstone

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		335	mg/L as CACO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		408.82	mg/L	
00910	CALCIUM (MG/L)		54	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		16	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.7	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		294	mg/L as CACO 3	
00920	MAGNESIUM (MG/L)		39	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.4	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.8	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0.8		
00955	SILICA, DISSOLVED (MG/L AS SI02)		14	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		1.04		
00932	SODIUM, CALCULATED, PERCENT		23	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		41	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		745	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		21	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		387	mg/L	

Water Quality Analysis

Sample Date: 7/24/1980 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Hickory Sandstone

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		335	mg/L as CACO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		408.82	mg/L	
00910	CALCIUM (MG/L)		51	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		18	mg/L	
00950	FI UORIDE, DISSOLVED (MG/L AS F)		0.7	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		283	mg/L as CACO 3	
00920	MAGNESIUM (MG/L)		38	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		1.3	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		8.3	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		8	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		1.03		
00955	SILICA, DISSOLVED (MG/L AS SI02)		15	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		1.01		
00932	SODIUM, CALCULATED, PERCENT		23	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		39	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		755	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		26	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		398	mg/L	

Water Quality Analysis

Sample Date: 11/14/1988 **Sample Time:** 1115 **Sample Number:** 1 **Collection Entity:** Other State Agencies

Sampled Aquifer: Hickory Sandstone

Analyzed Lab: Misc. Commerical Lab **Reliability:** Reliability unknown or not available

Collection Remarks: LCRA MONITORING PROGRAM

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		345	mg/L as CACO3	
01503	ALPHA, DISSOLVED (PC/L)	<	10	PC/L	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	<	10	ug/L	
01005	BARIUM, DISSOLVED (UG/L AS BA)		140	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		421	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)	<	10	ug/L	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	<	10	ug/L	
00910	CALCIUM (MG/L)		45.4	mg/L	
00690	CARBON, TOTAL (MG/L AS C)	<	10	mg/L	
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	<	10	mg/L	
00680	CARBON, TOTAL ORGANIC (MG/L AS C)		0.1	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		18	mg/L	
46560	CHROMIUM, FIELD ACIDIFIED W/HNO3, FILTERED, UG/L	<	10	ug/L	
01040	COPPER, DISSOLVED (UG/L AS CU)	<	10	ug/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.7	mg/L	
78115	HALOGEN, TOTAL ORGANIC, UG/L	<	10	ug/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		285	mg/L as CACO3	
01045	IRON, TOTAL (UG/L AS FE)		20	ug/L	
46564	LEAD, FIELD FILTERED, ACIDIFIED W/HNO3, UG/L	<	10	ug/L	
00920	MAGNESIUM (MG/L)		41.7	mg/L	
01055	MANGANESE, TOTAL (UG/L AS MN)	<	10	ug/L	
71890	MERCURY, DISSOLVED (UG/L AS HG)		3	ug/L	
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)		0.27	mg/L as N	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		1.33	mg/L as NO3	
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)		0.03	mg/L as N	
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)		0.02	mg/L as N	
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)		0.03	mg/L as N	

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00090	OXIDATION REDUCTION POTENTIAL (ORP), MILLIVOLTS		0.007	MV	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)		0.32	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.1	SU	
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	<	0.01	mg/L as P	
00665	PHOSPHORUS, TOTAL (MG/L AS P)		0.02	mg/L as P	
00937	POTASSIUM, TOTAL (MG/L AS K)		6.4	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		1.2		
70300	RESIDUE, TOTAL FILTERABLE (DRIED AT 180C), MG/L		384	mg/L	
01145	SELENIUM, DISSOLVED (UG/L AS SE)	<	10	ug/L	
00955	SILICA, DISSOLVED (MG/L AS SI02)		7	mg/L as SIO2	
46566	SILVER, FIELD FILTERED, ACIDIFIED W/HNO3, UG/L	<	10	ug/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		1.08		
00932	SODIUM, CALCULATED, PERCENT		23	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		42	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		687	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		23	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		24	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		392	mg/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)		170	ug/L	

Water Quality Analysis

Sample Date: 5/10/1989 **Sample Time:** 1015 **Sample Number:** 1 **Collection Entity:** Other State Agencies

Sampled Aquifer: Hickory Sandstone

Analyzed Lab: Misc. Industrial Lab **Reliability:** Sampled using TWDB protocols

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		360	mg/L as CACO 3	
01005	BARIUM, DISSOLVED (UG/L AS BA)		150	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		439.32	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)		200	ug/L	
00915	CALCIUM, DISSOLVED (MG/L AS CA)		48	mg/L	
00680	CARBON, TOTAL ORGANIC (MG/L AS C)		0.7	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		18	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.7	mg/L	
78115	HALOGEN, TOTAL ORGANIC, UG/L	<	10	ug/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		281	mg/L as CACO 3	
01046	IRON, DISSOLVED (UG/L AS FE)		30	ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)		39.2	mg/L	
71890	MERCURY, DISSOLVED (UG/L AS HG)	<	1	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		0.18	mg/L as NO3	
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	<	0.01	mg/L as N	
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)		0.29	mg/L as N	
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)		0.37	mg/L as N	
00400	PH (STANDARD UNITS), FIELD		7.35	SU	
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	<	0.01	mg/L as P	
00935	POTASSIUM, DISSOLVED (MG/L AS K)		10.2	mg/L	
81277	PURGEABLE ORGANIC CARBON, UG/L		0.2	ug/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		1.58		
70300	RESIDUE, TOTAL FILTERABLE (DRIED AT 180C), MG/L		374	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		1.17		
00932	SODIUM, CALCULATED, PERCENT		25	PCT	
00930	SODIUM, DISSOLVED (MG/L AS NA)		45.1	mg/L	

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00946	SULFATE, DISSOLVED (MG/L AS SO4)		21	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		398	mg/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)		210	ug/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

STATE OF TEXAS WELL REPORT for Tracking #287756

Owner:	**Camp Longhorn - Inks Lake**	Owner Well #:	**No Data**
Address:	**1000 Indian Springs Burnet, TX 78611**	Grid #:	**57-21-3**
		Latitude:	**30° 44' 33" N**
Well Location:	**#1 Camp Longhorn Rd Burnet, TX 78611**	Longitude:	**098° 22' 31" W**
Well County:	**Llano**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **4/17/2012** Drilling End Date: **4/17/2012**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**20**
6.5	**20**	**260**

Drilling Method: **Air Hammer**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**20**	**4 of Portland**

Seal Method: **Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **50+**

Distance to Septic Field or other concentrated contamination (ft.): **100+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Landowner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data**

Packers: **Burlap/Neoprene 47, 44, 20**

Type of Pump: **No Data**

Well Tests: **Unknown** **Yield: 7 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
48-260	Granite

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Apex Drilling, Inc.**

P.O. Box 867
Marble Falls, TX 78654

Driller Name: **Andrew Jackson Johnson** License Number: **54989**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	12	Granite Gravel
12	260	Pink Granite

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4.5" (5" OD) New PVC 2' to 40' SDR17
4.5" (5" OD) New Slotted PVC 40' to 60' .035
4.5" (5" OD) New PVC 60' to 180' SDR17
4.5" (5" OD) New Slotted PVC 180' to 200' .035
4.5" (5" OD) New PVC 200' to 240' SDR17
4.5" (5" OD) New Slotted PVC 240' to 260' .035

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #10436

Owner:	**Jim Rammage**	Owner Well #:	**No Data**
Address:	**3628 Double Tree Crt Plano, TX 75023**	Grid #:	**57-21-3**
Well Location:	**Sendera Ridge Lake Buchanan, TX 78619**	Latitude:	**30° 44' 17" N**
		Longitude:	**098° 23' 01" W**
Well County:	**Llano**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/10/2002** Drilling End Date: **5/10/2002**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**20**
6	**20**	**500**

Drilling Method: **Air Rotary**

Borehole Completion: **cased**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**20**	**5**

Seal Method: **Slurry**

Sealed By: **APEX Drilling**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **100+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **as per landowner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data**

Packers: **Burlap 370',360', 20'**

Type of Pump: **No Data**

Well Tests: **Pump** **Yield: 40-45 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
380-500	Hickory

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

The driller did certify that while drilling, deepening or otherwise altering the above described well, injurious water or constituents was encountered and the landowner or person having the well drilled was informed that such well must be completed or plugged in such a manner as to avoid injury or pollution.

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **APEX Driling**

P.O. Box 867
Marble Falls, TX 78654

Driller Name: **Michael Becker** License Number: **54516**

Apprentice Name: **Andrew Johnson** Apprentice Number: **1116**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
000-022 Top Soil (Eroided Sediment)
022-140 San Saba LS (Brn-Grn-Red-Wht)
032&130 Fractured
140-165 Red-Brn- LS
165-202 Grn-Gry-Tan-Motl
202-235 Grn-Gry-Wht LS (H20)
235-305 Brn-Red-Tan LS
305-370 Gry SS
370-380 Red SS w/LS strips
380-500 Red Sand (Hickory)

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
5 New PVC +2 500 Sch40

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Texas Water Development Board

Texas Water Development Board (TWDB) Groundwater Database (GWDB) Well Information Report for State Well Number 57-22-403

groundwater division

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5722403
County	Burnet
River Basin	Colorado
Groundwater Management Area	8
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Central Texas GCD
Latitude (decimal degrees)	30.680278
Latitude (degrees minutes seconds)	30° 40' 49" N
Longitude (decimal degrees)	-98.338889
Longitude (degrees minutes seconds)	098° 20' 20" W
Coordinate Source	+/- 1 Second
Aquifer Code	367ELBG - Ellenburger Group
Aquifer	Ellenburger-San Saba
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1339
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	127
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	6/24/1983
Drilling Method	Air Rotary
Borehole Completion	Perforated or Slotted

Well Type	Withdrawal of Water
Well Use	Stock
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Larry & W.D. Bates
Driller	Western Water Wells
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	7/25/1985
Last Update Date	10/8/2009

Remarks Estimated yield 25 GPM in 1983.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
7	Blank	Plastic (PVC)			0	100
7	Screen				100	105
	Open Hole				105	127

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

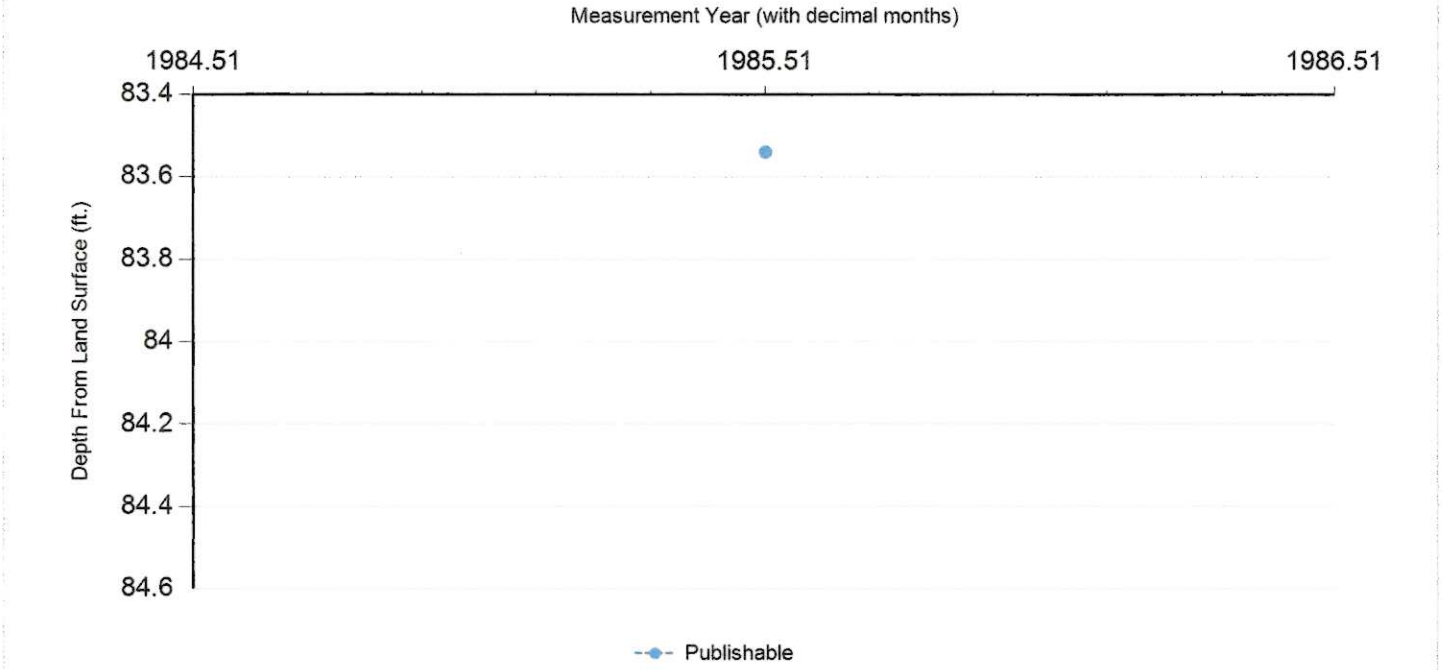
Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	7/8/1985		83.54		1255.46	1	Texas Water Development Board	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 7/9/1985 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Ellenburger Group

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		454	mg/L as CACO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		554.04	mg/L	
00910	CALCIUM (MG/L)		104	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		21	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)	<	0.1	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		473	mg/L as CACO 3	
00920	MAGNESIUM (MG/L)		52	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		4.92	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.8	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		1	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		13	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.16		
00932	SODIUM, CALCULATED, PERCENT		3	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		8	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		966	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		10	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		21	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		486	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

Texas Water Development Board

Texas Water Development Board (TWDB) Groundwater Database (GWDB) Well Information Report for State Well Number 57-22-502

groundwater division

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5722502
County	Burnet
River Basin	Colorado
Groundwater Management Area	8
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Central Texas GCD
Latitude (decimal degrees)	30.683055
Latitude (degrees minutes seconds)	30° 40' 59" N
Longitude (decimal degrees)	-98.325555
Longitude (degrees minutes seconds)	098° 19' 32" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	367TNRD - Tanyard Formation
Aquifer	Ellenburger-San Saba
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1395
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	200
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1956
Drilling Method	
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	F.E. Evans
Driller	Wright Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	4/19/1976
Last Update Date	10/8/2009

Remarks

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
	Blank	Steel			0	20
	Open Hole				20	200

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

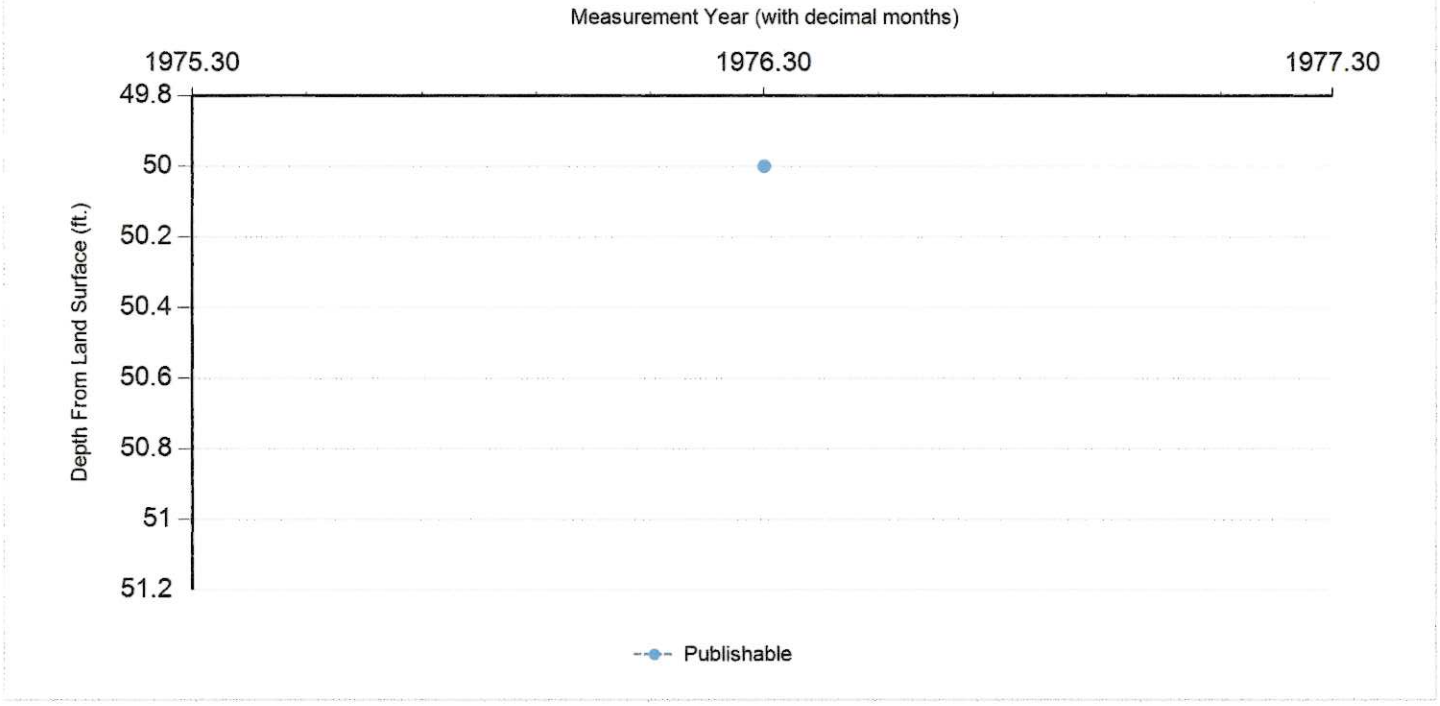
Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	4/19/1976		50		1345	1	Well Owner or Operator	Unknown		

Code Descriptions

Status Code	Status Description
P	Publishable

Texas Water Development Board

Texas Water Development Board (TWDB) Groundwater Database (GWDB) Well Information Report for State Well Number 57-22-502

groundwater division

Water Quality Analysis

Sample Date: 4/19/1976 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Tanyard Formation

Analyzed Lab: Texas Department of Health **Reliability:** From well not sufficiently pumped; not filtered or preserved

Collection Remarks: kitchen faucet

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		398	mg/L as CACO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		485.7	mg/L	
00910	CALCIUM (MG/L)		108	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		20	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.1	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		438	mg/L as CACO3	
00920	MAGNESIUM (MG/L)		41	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		21	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.2	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		11	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.17		
00932	SODIUM, CALCULATED, PERCENT		3	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		8	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		894	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		14	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		461	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

Texas Water Development Board

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 57-22-503

groundwater division

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5722503
County	Burnet
River Basin	Colorado
Groundwater Management Area	8
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Central Texas GCD
Latitude (decimal degrees)	30.679722
Latitude (degrees minutes seconds)	30° 40' 47" N
Longitude (decimal degrees)	-98.324722
Longitude (degrees minutes seconds)	098° 19' 29" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	367TNRD - Tanyard Formation
Aquifer	Ellenburger-San Saba
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1350
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	150
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1940
Drilling Method	
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	None
Water Quality Available	Yes
Pump	Piston
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Elvyn Baker
Driller	Unknown
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	4/19/1976
Last Update Date	10/8/2009

Remarks

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
5	Blank	Steel				

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis

Sample Date: 4/19/1976 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Tanyard Formation

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		389	mg/L as CACO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		474.71	mg/L	
00910	CALCIUM (MG/L)		117	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		13	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.1	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		415	mg/L as CACO 3	
00920	MAGNESIUM (MG/L)		30	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		14	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.4	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		10	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.13		
00932	SODIUM, CALCULATED, PERCENT		3	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		6	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		840	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		12	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		435	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

Texas Water Development Board

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 57-22-504

groundwater division

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5722504
County	Burnet
River Basin	Colorado
Groundwater Management Area	8
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Central Texas GCD
Latitude (decimal degrees)	30.699722
Latitude (degrees minutes seconds)	30° 41' 59" N
Longitude (decimal degrees)	-98.329444
Longitude (degrees minutes seconds)	098° 19' 46" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	367ELBG - Ellenburger Group
Aquifer	Ellenburger-San Saba
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1322
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	70
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1940
Drilling Method	
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Stock
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	F.E. Evans
Driller	Unknown
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	4/19/1976
Last Update Date	10/8/2009

Remarks

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

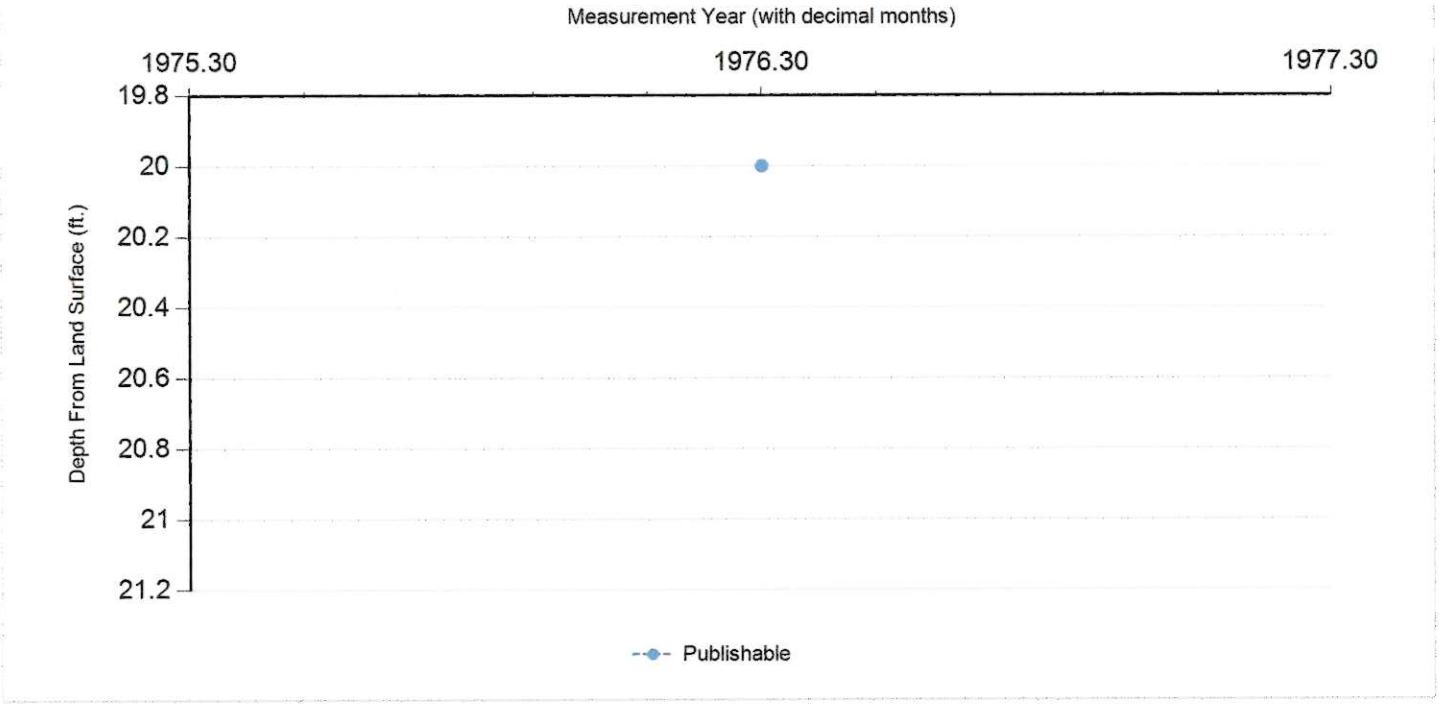
Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	4/19/1976		20		1302	1	Well Owner or Operator	Unknown		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

STATE OF TEXAS WELL REPORT for Tracking #319337

Owner:	**Alfred Holcomb**	Owner Well #:	**No Data**
Address:	**10101 Reunion Place Ste 970 San Antonio, TX 78216**	Grid #:	**57-21-3**
Well Location:	**738 N. Rockwood Buchanan Dam, TX 78611**	Latitude:	**30° 44' 11" N**
		Longitude:	**098° 22' 54" W**
Well County:	**Llano**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **11/2/2012** Drilling End Date: **11/2/2012**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
9	**0**	**30**
6	**30**	**260**

Drilling Method: **Air Hammer**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**30**	**6**

Seal Method: **Pressure Trimmie**

Sealed By: **Driller**

Distance to Property Line (ft.): **30**

Distance to Septic Field or other concentrated contamination (ft.): **100+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data**

Packers: **1 packer, Pvc & Burlap,30'**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 2-4 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	Granite

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Western Water Wells**

500 Southland Dr.
Burnet, TX 78611

Driller Name: **Frank A Glass** License Number: **1313**

Comments: **No Data**

Report Amended on 4/11/2023 by Request #39296

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	2	Top Soil
2	8	Fractured Granite
8	260	Granite Various Colors

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" OD, New, Plastic, +2'-60', SDR17			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #477706

Owner:	**Rick Jowers**	Owner Well #:	**1**
Address:	**408 Lake Wood Road Buchanan Dam , TX 78611**	Grid #:	**57-21-3**
		Latitude:	**30° 44' 10" N**
Well Location:	**408 Lake Wood Road Buchanan Dam, TX 78611**	Longitude:	**098° 23' 17" W**
Well County:	**Llano**	Elevation:	**988 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **4/24/2018** Drilling End Date: **4/25/2018**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**10**
6.75	**10**	**280**

Drilling Method: **Air Hammer; Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data: **No Data**

Seal Method: **backfilled**

Sealed By: **Driller**

Distance to Property Line (ft.): **65**

Distance to Septic Field or other concentrated contamination (ft.): **150+**

Distance to Septic Tank (ft.): **150+**

Method of Verification: **owner**

Surface Completion: **backfilled** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Walden Drilling Inc**

PO Box 878
Llano, TX 78643

Driller Name: **Brian Walden** License Number: **59369**

Apprentice Name: **Dustin Wilson**

Comments: **No Data**

Report Amended on 4/27/2018 by Request #24958

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	5	brown and red granite
5	280	alternating red and grey granite

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
No Data			

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS PLUGGING REPORT for Tracking #127479

Owner:	**John Wilson**	Owner Well #:	**No Data**
Address:	**13711 Pallwood Cyprus, TX 77429**	Grid #:	**57-21-3**
Well Location:	**Inwood Dr Lot 414 Buchanan Dam, TX 78609**	Latitude:	**30° 44' 17" N**
		Longitude:	**098° 23' 15" W**
Well County:	**Llano**	Elevation:	**987**

Well Type: **Domestic**

Drilling Information

Company: **Highland Drilling Inc** Date Drilled: **5/21/2010**

Driller: **Clifford Owen Bohannon** License Number: **4386**

Well Report Tracking #219031

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**40**
6	**40**	**200**

Plugging Information

Date Plugged: **5/21/2010** Plugger: **Clifford Bohannon**

Plug Method: **Unknown**

Casing Left in Well:

No Data

Plug(s) Placed in Well:

Description (number of sacks & material)
None 0-200 Backfilled cuttings

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **Highland Drilling Inc**

4145 Hwy 29 E
Burnet, TX 78611

Driller Name: **Clifford Bohannon** License Number: **4386**

Comments: **No Data**

STATE OF TEXAS WELL REPORT for Tracking #515363

Owner:	**Stan Erwin**	Owner Well #:	**No Data**
Address:	**447 Cortona Dr. Austin, TX 78746**	Grid #:	**57-21-3**
		Latitude:	**30° 44' 38" N**
Well Location:	**901 CR 301 Burnet, TX 78611**	Longitude:	**098° 23' 16" W**
Well County:	**Llano**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/3/2019** Drilling End Date: **5/3/2019**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**10**
6.25	**10**	**200**

Drilling Method: **Unknown**

Borehole Completion: **Dry - Backfilled w 2" Cement Cap**

Annular Seal Data: **No Data**

Seal Method: **Unknown**

Sealed By: **Driller**

Distance to Property Line (ft.): **Unknown**

Distance to Septic Field or other concentrated contamination (ft.): **Unknown**

Distance to Septic Tank (ft.): **Unknown**

Method of Verification: **No Data**

Surface Completion: **Unknown** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Apex Drilling, Inc.**

P.O. Box 867
Marble Falls, TX 78654

Driller Name: **Andrew Jackson Johnson** License Number: **54989**

Comments: **Dry - Backfilled w 2" Cement Cap**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	1	Top Soil
1	10	Granite Gravel
10	127	Pink Granite
127	200	Gray Pink Granite

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
No Data			

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #219031

Owner: **John Wilson**

Address: **13711 Pallwood**
Cyprus, TX 77429

Well Location: **Inwood Dr Lot 414**
Buchanan Dam, TX 78609

Well County: **Llano**

Owner Well #: **No Data**

Grid #: **57-21-3**

Latitude: **30° 44' 17" N**

Longitude: **098° 23' 15" W**

Elevation: **987 ft. above sea level**

****Plugged Within 48 Hours****

****This well has been plugged****

Plugging Report Tracking #127479

Type of Work: **New Well**

Proposed Use: **Domestic**

Drilling Start Date: **5/21/2010** Drilling End Date: **5/21/2010**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**40**
6	**40**	**200**

Drilling Method: **Air Hammer**

Borehole Completion: **Backfilled**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Unknown**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Unknown**

Water Level: **No Data** on **2010-05-21**

Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Unknown** **Yield: 0 GPM**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
None 0-200 Backfilled cuttings		

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Highland Drilling Inc**

4145 Hwy 29 E
Burnet, TX 78611

Driller Name: **Clifford Bohannon** License Number: **4386**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	1	Topsoil
1	200	Black & Red Granite

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
No Data			

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Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #277220

Owner:	**Mendell Family Partnership**	Owner Well #:	**No Data**
Address:	**PO Box 1429 Burnet, TX 78611**	Grid #:	**57-21-3**
Well Location:	**200 Cockleburr Cove Burnet, TX 78611**	Latitude:	**30° 44' 55" N**
		Longitude:	**098° 23' 15" W**
Well County:	**Burnet**	Elevation:	**No Data**
		****Plugged Within 48 Hours****	

****This well has been plugged**** **Plugging Report Tracking #134445**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **1/17/2012** Drilling End Date: **1/17/2012**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**12**
6.25	**12**	**105**

Drilling Method: **Air Hammer**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**2**	**1**

Seal Method: **Backfilled**

Sealed By: **Driller**

Distance to Property Line (ft.): **150**

Distance to Septic Field or other concentrated contamination (ft.): **200**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **Unknown**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Unknown** **Yield: 0 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **oWalden Drilling**

1690 CR102
Llano, TX 78643

Driller Name: **Zane Magill** License Number: **4168**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	1	Topsoil
1	35	Red Granite
35	50	Gray Granite
50	62	Red Granite
62	105	Gray Granite

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
No Data			

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STATE OF TEXAS PLUGGING REPORT for Tracking #135885

Owner:	**Dan Herd**	Owner Well #:	**No Data**
Address:	**1412 Ethridge Austin, TX 78703**	Grid #:	**57-21-3**
Well Location:	**135 Little Debo Dr.; East side of Inks Lake TX**	Latitude:	**30° 44' 53" N**
		Longitude:	**098° 23' 36" W**
Well County:	**Burnet**	Elevation:	**No Data**

Well Type: **Domestic**

Drilling Information

Company: **Virdell Drilling Inc.** Date Drilled: **5/2/2012**

Driller: **James Taylor Virdell Jr** License Number: **1900**

Well Report Tracking #285788

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6**	**0**	**140**

Plugging Information

Date Plugged: **5/2/2012** Plugger: **Taylor Virdell Jr.**

Plug Method: **Unknown**

Casing Left in Well:

No Data

Plug(s) Placed in Well:

Description (number of sacks & material)
4 - 140 Cuttings
None 0 - 4 Cement 1

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **Virdell Drilling Inc.**

111 E. Grayson St.
Llano, TX 78643

Driller Name: **Taylor Virdell Jr.** License Number: **1900**

Apprentice Name: **James Caleb Virdell** Apprentice Number: **57668**

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #989

Owner:	**DON HOLLEY**	Owner Well #:	**No Data**
Address:	**101 LA PALATA BUCHANAN DAM, TX 78609**	Grid #:	**57-21-3**
Well Location:	**101 LA PALATA BUCHANAN DAM, TX 78609**	Latitude:	**30° 44' 30" N**
		Longitude:	**098° 24' 22" W**
Well County:	**Llano**	Elevation:	**No Data**

Well Type: **Withdrawal of Water**

Drilling Information

Company: **No Data** Date Drilled: **No Data**

Driller: **No Data** License Number: **No Data**

Borehole:

Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
5.875		**290**

Plugging Information

Date Plugged: **3/29/2001** Plugger: **B.B. STRONG**

Plug Method: **Tremmie pipe bentonite from bottom to 2 feet from surface, cement top 2 feet**

Casing Left in Well:

Dia (in.)	Top (ft.)	Bottom (ft.)
5	**2**	**20**

Plug(s) Placed in Well:

Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
2	**20**	**4**
20	**290**	**14**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **HIGHLAND DRILLING**

309 FRAZIER
TOW, TX 78672

Driller Name: **BILLY STRONG** License Number: **54563**

Comments: **ENTERED BY DG**

STATE OF TEXAS WELL REPORT for Tracking #369257

Owner:	**Mark Pennington**	Owner Well #:	**No Data**
Address:	**116 Kingsland Ranch Rd Kingsland, TX 78639**	Grid #:	**57-21-3**
Well Location:	**116 Kingsland Ranch Rd Kingsland, TX 78639**	Latitude:	**30° 44' 13" N**
		Longitude:	**098° 24' 30" W**
Well County:	**Burnet**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **4/24/2014** Drilling End Date: **4/24/2014**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**20**
6.25	**20**	**140**

Drilling Method: **Air Hammer**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**20**	**4 portland**

Seal Method: **Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **50+**

Distance to Septic Field or other concentrated contamination (ft.): **100+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Land Owner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data**

Packers: **Burlap/Neoprene 50,30,20,**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 60+ GPM**

Water Quality:

Strata Depth (ft.)	Water Type
50-126	Granite 320 TDS

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **APEX Drilling INC.**

P O Box 867
Marble Falls, TX 78654

Driller Name: **Andrew Jackson Johnson** License Number: **54989**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	66	Gravel
66	71	Pink Gravel
71	100	Gravel
100	103	Pink Gravel
103	126	Gravel
126	140	Pink Gravel

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4.5 (5OD)	New	PVC	+2' to 80' SDR17
4.5 (5OD)	New	Slotted	80' to 140' .035

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Attachment K

Effluent Monitoring Data

Email information for report date:
6/26/23 10:50

G016443

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

NO 1 LONGHORN ROAD
BURNET, TX 78611

Please contact us for your sampling needs or if you have any questions. Some convenient contacts are listed below. You can also access your results and reports through our ClientConnect ™ portal on our website (www.aqua-techlabs.com).

For sampling questions:

samplingbryan@aqua-techlabs.com (Bryan area)
samplingaustin@aqua-techlabs.com (Austin area)

reporting@aqua-techlabs.com (report questions)

Aqua-Tech values you as a customer and encourages you to speak with our staff at 979-778-3707 or the above emails if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

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ANR	Accreditation not offered by the State of Texas.
DWP	Approval through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Certificate: T104704371-22-26

TCEQ Lab ID T104704371

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

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Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

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This report was approved by:

June M. Brien, Technical Director

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 6/26/23 10:50

G016443

Camp Longhorn WWTP Pond 1 Inks Lake
Collected: 06/13/23 07:50 by CLIENT
Received: 06/13/23 15:05 by Mark Asher
Type Grab
Matrix Non Potable
C-O-C # G016443

Lab ID# G016443-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**70**	mg/L		1	12	12	*Austin*	06/14/23 08:00 BAL	SM5210 B 2016	M162343	NEL

Camp Longhorn WWTP Pond 2 Indian Springs
Collected: 06/13/23 07:25 by CLIENT
Received: 06/13/23 15:05 by Mark Asher
Type Grab
Matrix Non Potable
C-O-C # G016443

Lab ID# G016443-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**27**	mg/L		1	12	12	*Austin*	06/14/23 08:00 BAL	SM5210 B 2016	M162342	NEL

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch
BOD (5 day) - SM5210 B 2016													*Austin*
Duplicate	26	mg/L		12	12	06/14/23 08:00 BAL		27			6.33	45.1	M162342
Duplicate	168	mg/L		38	38	06/14/23 08:00 BAL		164			2.26	45.1	M162343
DiIn Water Blk	<0.20	mg/L		1	1	06/14/23 09:00 BAL		0.1		< or = 0.2 mg/L			2306181
GGA	190	mg/L		1	1	06/14/23 09:00 BAL	197		96.4	84.6 - 115.4			2306181
GGA	222	mg/L		1	1	06/14/23 09:00 BAL	197		113	84.6 - 115.4			2306181
GGA	196	mg/L		1	1	06/14/23 09:00 BAL	197		99.5	84.6 - 115.4			2306181
GGA	204	mg/L		1	1	06/14/23 09:00 BAL	197		104	84.6 - 115.4			2306181
Seed Blank	<1	mg/L		1	1	06/14/23 09:00 BAL							2306181
Seed Blank	<1	mg/L		1	1	06/14/23 09:00 BAL							2306181
Seed Blank	<1	mg/L		1	1	06/14/23 09:00 BAL							2306181
Seed Blank	<1	mg/L		1	1	06/14/23 09:00 BAL							2306181

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
G016443-01										
BOD (5 day)	SM5210 B 2016	6/14/23 8:00 BAL	Austin	A	25.0	mL	300	mL	1	M162343
G016443-02										
BOD (5 day)	SM5210 B 2016	6/14/23 8:00 BAL	Austin	A	25.0	mL	300	mL	1	M162342

Form: C:\ELMNT\FORMAT\ATL 051823 FIN_LS.RPT

Chain-of-Custody and Analysis Request

AQUA-TECH LABORATORIES, INC.

Client / Project Name: CAMP LONGHORN INKS LAKE
Camp Longhorn WWTP Ponds

Contact Information
Name: ROBBY ROBERTSON
Address: NO 1 LONGHORN ROAD
City: BURNET
State: TX Zip: 78611
Phone: (512) 793-2811
email:

Definitions
DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

TCEQ LAB ID: T104704371

Aqua-Tech laboratories, Inc.
Austin: 3512 Montopolis Dr. Austin, TX 78744 512.301.9559
Bryan: 635 Phil Gramm Blvd. Bryan, TX 77807 979.778.3707
Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # G016443
Page 1 of 1
rte_ATL COC 012723.rpt

Analyses Requested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].
Name format: Analysis-Matrix-Technology-Method.
[NEL] = NELAP accredited parameter
[SUB] = NELAP accredited subcontracted parameter
[CNR] = No NELAP accreditation required or available
[INF] = Informational only (not NELAC certified)

By relinquishing the samples listed below to Aqua-Tech laboratories, Inc. (ATL), the client agrees to the following terms. Samples will be analyzed by a method that is within ATL's NELAP fields of accreditation (FoA). Analytes requiring an accredited method that is not within ATL's FoA will be subcontracted to a NELAP lab that is accredited for that method. Clients will be notified of the subcontract lab's details. Other analytes not requiring accreditation will be analyzed by a compendial method. If a specific method is required, the client will note the method in the "Analysis Requested" column. The client approves all method modifications documented by ATL or the subcontract lab.
A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Comments:

- LAB RECEIPT - R44

Temperature - CT (C):	2.8
Preservation Correct:	Yes
Post-Preservatives:	N/A
Thermometer ID:	0715672
pH Paper ID:	0802385

ko_A COC MULTI 043020.rpt

Sample Custody

Relinquished (print & sign)	Matt Manning	Sampler / Client / ATL Field	Date 6-13-23 Time 8:30am; Iced / Refrig; Custody Sealed
Received (print & sign)	Mark Asher	Client / ATL Field	Date 6-13-23 Time 1000; Iced / Refrig; CM / CTU
Relinquished (print & sign)		Client / ATL Field	Date Time; Iced / Refrig; CM / CTU
Received (print & sign)		Client / ATL Field	Date Time; Iced / Refrig; CM / CTU
Relinquished (print & sign)	Mark Asher	Client / ATL Field	Date 06/13/23 Time 15:05; Iced / Refrig; CM / CTU / Sealed
Received (print & sign)	Mark Asher	X Lab	Date 06/13/23 Time 15:05; Cond Good; Iced / Refrig; CM / CTU

Field Sample ID	Start Date	Start Time	End Date	End Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn WWTP Pond 1 Inks Lake A BOD NP Probe SM 5210 B [NEL]	6-13-23	7:50am	- N/A -	- N/A -	Grab	NP	☑ A BOD 0.5LP	G016443-01
Camp Longhorn WWTP Pond 2 Indian Springs A BOD NP Probe SM 5210 B [NEL]	6-13-23	7:25am	- N/A -	- N/A -	Grab	NP	☑ A BOD 0.5LP	G016443-02

Pond 2 pH. 8.0

Pond 1 pH 8.0

Page 3 of 3 G016443_1 ATL 051823 FIN_ls 06 26 23 1050

Email information for report date:
8/23/22 17:22

F014404

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

NO 1 LONGHORN ROAD
BURNET, TX 78611

ATL has improperly reported the field parameters pH, Chlorine, and DO as NEL Accredited.

ATL is accredited for these parameters when they are performed in the lab. These field parameters are now being reported with an ANR, "Accreditation not offered by the State of Texas," indicator.

There is no impact to the result values that have been previously reported.
Aqua-Tech values you as a customer and encourages you to speak with our staff at 979-778-3707 or samplingbryan@aqua-techlabs.com if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

CORPORATE OFFICE
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN OFFICE
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

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Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

T104704371-21-24

TCEQ DW Lab ID TX 239

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

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Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

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This report was approved by:

June M. Brien, Technical Director

corp@aqua-techlabs.com www.aqua-techlabs.com

CORPORATE OFFICE
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN OFFICE
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 8/23/22 17:22

F014404

Camp Longhorn WWTP Pond 1 Inks Lake

Collected: 08/09/22 07:55 by CLIENT
Received: 08/09/22 14:20 by Mark Asher

Type: Grab | *Matrix*: Non Potable | *C-O-C #*: F014404

Lab ID# F014404-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**87**	mg/L		1	30	30	*Austin*	08/10/22 08:13 ASF	SM5210 B 2016	M148474	NEL

Camp Longhorn WWTP Pond 2 Indian Springs

Collected: 08/09/22 07:45 by CLIENT
Received: 08/09/22 14:20 by Mark Asher

Type: Grab | *Matrix*: Non Potable | *C-O-C #*: F014404

Lab ID# F014404-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**28**	mg/L		1	12	12	*Austin*	08/10/22 08:13 ASF	SM5210 B 2016	M148474	NEL

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
BOD (5 day) - SM5210 B 2016														*Austin*
Diln Water Blk	<0.20	mg/L		1	1	08/10/22 08:13 ASF		0.1		< or = 0.2 mg/L			2208119	
GGA	197	mg/L		1	1	08/10/22 08:13 ASF	198		99.5	84.6 - 115.4			2208119	
GGA	193	mg/L		1	1	08/10/22 08:13 ASF	198		97.5	84.6 - 115.4			2208119	
GGA	178	mg/L		1	1	08/10/22 08:13 ASF	198		89.9	84.6 - 115.4			2208119	
Seed Blank	<1	mg/L		1	1	08/10/22 08:13 ASF							2208119	
Seed Blank	<1	mg/L		1	1	08/10/22 08:13 ASF							2208119	
Seed Blank	<1	mg/L		1	1	08/10/22 08:13 ASF							2208119	
Duplicate	146	mg/L		38	38	08/10/22 08:13 ASF		131			10.8	35.9	M148474	

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
F014404-01										
BOD (5 day)	SM5210 B 2016	8/10/22 8:13 ASF	Austin	A	10.0	mL	300	mL	1	M148474
F014404-02										
BOD (5 day)	SM5210 B 2016	8/10/22 8:13 ASF	Austin	A	25.0	mL	300	mL	1	M148474

AQUA-TECH LABORATORIES, INC. — Chain-of-Custody and Analysis Request

Client / Project Name: CAMP LONGHORN INKS LAKE — Camp Longhorn WWTP Ponds

Contact Information
Name: ROBBY ROBERTSON
Address: NO 1 LONGHORN ROAD
City: BURNET
State: TX Zip: 78611
Phone: (512) 793-2811
email:

Definitions
DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

T104704371
TX239

Aqua-Tech laboratories, Inc.

Austin: 3512 Montopolis Dr., Austin, TX 78744, 512.301.9559
Bryan: 635 Phil Gramm Blvd., Bryan, TX 77807, 979.778.3707

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # 4
F014406
Page 1 of 1
rte_ATL COC 102720.rpt

Analyses Requested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].
Name format: Analysis-Matrix-Technology-Method.

[NEL] = NELAP accredited parameter
[SUB] = NELAP accredited subcontracted parameter
[CNR] = No NELAP accreditation required or available
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A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Comments:

F014404 - LAB RECEIPT - Y008

Temperatue - CT (C):	1.6
Preservation Correct:	Yes
Post-Preservatives:	N/A
Thermometer ID:	0766875
pH Paper ID:	0789433

rint\wko_A COC 042120.rpt

Sample Custody

Relinquished (print & sign)	Matt Manning	☐ Sampler ☒ Client ☐ ATL Field	Date 8-9-22 Time 9:00 am	☒ Iced / Refrig ☐ Custody Sealed
Received (print & sign)	Mark Asher	☐ Client ☒ ATL Field	Date 8-9-22 Time 1000	☒ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign)		☐ Client ☒ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Received (print & sign)		☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign)	Mark Asher	☐ Client ☒ ATL Field	Date 08/09/22 Time 14:20	☒ Iced / Refrig ☒ CM / CTU / Sealed
Received (print & sign)	Mark Asher	☒ Lab	Date 08/09/22 Time 14:20	☒ Cond Good ☒ Iced / Refrig ☒ CM / CTU

Field Sample ID	Start Date	Start Time	End Date	End Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn WWTP Pond 1 Inks Lake	8-9-22	7:55 am	- N/A -	- N/A -	Grab	NP	☑ A BOD 0.5LP	~~F014406-01~~ * F014404-01
A BOD NP Probe SM 5210 B [NEL]								
Camp Longhorn WWTP Pond 2 Indian Springs	8-9-22	7:45 am	- N/A -	- N/A -	Grab	NP	☑ A BOD 0.5LP	~~F014406-02~~ * F014404-02
A BOD NP Probe SM 5210 B [NEL]								

*(3) wrong ID# CKB

Pond-1 ph 8.0

Pond 2 pH 8.1

Email information for report date:
6/24/22 12:49

F014402

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

NO 1 LONGHORN ROAD
BURNET, TX 78611

ATL has improperly reported the field parameters pH, Chlorine, and DO as NEL Accredited.

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Thank you for your business,
June M. Brien
Executive Technical Director

CORPORATE OFFICE
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Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN OFFICE
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
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T104704371-21-24

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TCEQ DW Lab ID TX 239

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June M. Brien, Technical Director

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Fax: (979) 778-3193

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Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 6/24/22 12:49

F014402

Camp Longhorn WWTP Pond 1 Inks Lake

Collected: 06/14/22 08:30 by CLIENT
Received: 06/14/22 14:20 by Mark Asher

Type: Grab | *Matrix*: Non Potable | *C-O-C #*: F014402

Lab ID# F014402-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**73**	mg/L		1	30	30	*Austin*	06/15/22 07:30 HNJ	SM5210 B 2016	M145911	NEL

Camp Longhorn WWTP Pond 2 Indian Springs

Collected: 06/14/22 07:30 by CLIENT
Received: 06/14/22 14:20 by Mark Asher

Type: Grab | *Matrix*: Non Potable | *C-O-C #*: F014402

Lab ID# F014402-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**36**	mg/L		1	12	12	*Austin*	06/15/22 07:30 HNJ	SM5210 B 2016	M145911	NEL

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
BOD (5 day) - SM5210 B 2016														*Austin*
Diln Water Blk	<0.20	mg/L		1	1	06/15/22 07:30 HNJ		-0.1		< or = 0.2 mg/L			2206189	
GGA	181	mg/L		1	1	06/15/22 07:30 HNJ	198		91.4	84.6 - 115.4			2206189	
GGA	187	mg/L		1	1	06/15/22 07:30 HNJ	198		94.4	84.6 - 115.4			2206189	
GGA	191	mg/L		1	1	06/15/22 07:30 HNJ	198		96.5	84.6 - 115.4			2206189	
Seed Blank	<1	mg/L		1	1	06/15/22 07:30 HNJ							2206189	
Seed Blank	<1	mg/L		1	1	06/15/22 07:30 HNJ							2206189	
Seed Blank	<1	mg/L		1	1	06/15/22 07:30 HNJ							2206189	
Duplicate	242	mg/L		38	38	06/15/22 07:30 HNJ		223			8.17	35.9	M145911	

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
F014402-01										
BOD (5 day)	SM5210 B 2016	6/15/22 7:30 HNJ	Austin	A	10.0	mL	300	mL	1	M145911
F014402-02										
BOD (5 day)	SM5210 B 2016	6/15/22 7:30 HNJ	Austin	A	25.0	mL	300	mL	1	M145911

Chain-of-Custody and Analysis Request

Aqua-Tech laboratories, Inc.

Austin: 3512 Montopolis Dr., Austin, TX 78744, 512.301.9559
Bryan: 635 Phil Gramm Blvd., Bryan, TX 77807, 979.778.3707

T104704371
TX239

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # **F014402**

Page 1 of 1

rte_ATL COC 102720.rpt

Client / Project Name: CAMP LONGHORN INKS LAKE — Camp Longhorn WWTP Ponds

Contact Information

Name: ROBBY ROBERTSON
Address: NO 1 LONGHORN ROAD
City: BURNET
State: TX Zip: 78611
Phone: (512) 793-2811
email:

Definitions

DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

Analyses Requested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].
Name format: Analysis-Matrix-Technology-Method.

[NEL] = NELAP accredited parameter
[SUB] = NELAP accredited subcontracted parameter
[CNR] = No NELAP accreditation required or available
[INF] = Informational only (not NELAC certified)

By relinquishing the samples listed below to Aqua-Tech laboratories, Inc. (ATL), the client agrees to the following terms. Samples will be analyzed by a method that is within ATL's NELAP fields of accreditation (FoA). Analytes requiring an accredited method that is not within ATL's FoA will be subcontracted to a NELAP lab that is accredited for that method. Clients will be notified of the subcontract lab's details. Other analytes not requiring accreditation will be analyzed by a compendial method. If a specific method is required, the client will note the method in the "Analysis Requested" column. The client approves all method modifications documented by ATL or the subcontract lab.
A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Sample Custody

Relinquished (print & sign)	MATT MANNING / Matt Manning	☒ Sampler ☐ Client ☐ ATL Field	Date 6-14-22 Time 7:30 AM	☒ Iced / Refrig ☐ Custody Sealed
Received (print & sign)	Mark Asher	☐ Client ☒ ATL Field	Date 6-14-22 Time 1000	☒ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign)	NFEWER	☐ Client ☒ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Received (print & sign)		☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign)	Mark Asher	☐ Client ☒ ATL Field	Date 06/14/22 Time 14:20	☒ Iced / Refrig ☒ CM / CTU / Sealed
Received (print & sign)	Mark Asher	X Lab	Date 06/14/22 Time 14:20	X Cond Good X Iced / Refrig X CM / CTU

Comments:

F014402 - LAB RECEIPT - Y001

Temperatue - CT (C):	3.6
Preservation Correct:	Yes
Post-Preservatives:	N/A
Thermometer ID:	0715672
pH Paper ID:	0789433

rintlwko_A COC 042120.rpt

Field Sample ID	Start Date	Start Time	End Date	End Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn WWTP Pond 1 Inks Lake	6-14-22	8:30 AM	- N/A -	- N/A -	Grab	NP	☒ A BOD 0.5LP	F014402-01
A BOD NP Probe SM 5210 B [NEL]								
Camp Longhorn WWTP Pond 2 Indian Springs	6-14-22	7:30 AM	- N/A -	- N/A -	Grab	NP	☒ A BOD 0.5LP	F014402-02
A BOD NP Probe SM 5210 B [NEL]								

Pond 1 pH 8.1
Pond 2 pH 8.0

Email information for report date:
7/27/22 10:46

F014406

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

NO 1 LONGHORN ROAD
BURNET, TX 78611

ATL has improperly reported the field parameters pH, Chlorine, and DO as NEL Accredited.

ATL is accredited for these parameters when they are performed in the lab. These field parameters are now being reported with an ANR, "Accreditation not offered by the State of Texas," indicator.

There is no impact to the result values that have been previously reported.
Aqua-Tech values you as a customer and encourages you to speak with our staff at 979-778-3707 or samplingbryan@aqua-techlabs.com if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

CORPORATE OFFICE
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN OFFICE
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with TNI and/or through the TCEQ Drinking Water Commercial Laboratory Approval Program.

The following abbreviations indicate certification status:

T104704371-21-24

NEL	TNI accredited parameter.
ANR	Accreditation not offered by the State of Texas.
DWP	Approval through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

TCEQ DW Lab ID TX 239

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, Inc. personnel unless otherwise noted in the "Sample Collected" field of this report as "Client" or "CLT".

Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

All reports, raw data, and associated quality control data are kept on file for 10 years before being destroyed. Any client that would like copies of records must contact Aqua-Tech Laboratories, Inc. no later than six months prior to the scheduled disposal. An administrative fee for retrieval and distribution will apply.

This report was approved by:

June M. Brien, Technical Director

CORPORATE OFFICE
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

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AUSTIN OFFICE
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 7/27/22 10:46

F014406

Camp Longhorn WWTP Pond 1 Inks Lake
Collected: 07/19/22 07:00 by CLIENT
Received: 07/19/22 13:50 by Mark Asher
Type Grab
Matrix Non Potable
C-O-C # F014406

Lab ID# F014406-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**70**	mg/L		1	30	30	*Austin*	07/20/22 08:21 ASF	SM5210 B 2016	M147488	NEL

Camp Longhorn WWTP Pond 2 Indian Springs
Collected: 07/19/22 07:40 by CLIENT
Received: 07/19/22 13:50 by Mark Asher
Type Grab
Matrix Non Potable
C-O-C # F014406

Lab ID# F014406-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**53**	mg/L		1	12	12	*Austin*	07/20/22 08:21 ASF	SM5210 B 2016	M147488	NEL

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
BOD (5 day) - SM5210 B 2016														*Austin*
Diln Water Blk	<0.20	mg/L		1	1	07/20/22 08:21 ASF		0.1		< or = 0.2 mg/L			2207214	
GGA	205	mg/L		1	1	07/20/22 08:21 ASF	199		103	84.6 - 115.4			2207214	
GGA	207	mg/L		1	1	07/20/22 08:21 ASF	199		104	84.6 - 115.4			2207214	
GGA	208	mg/L		1	1	07/20/22 08:21 ASF	199		105	84.6 - 115.4			2207214	
Seed Blank	<1	mg/L		1	1	07/20/22 08:21 ASF							2207214	
Seed Blank	<1	mg/L		1	1	07/20/22 08:21 ASF							2207214	
Seed Blank	<1	mg/L		1	1	07/20/22 08:21 ASF							2207214	
Duplicate	4	mg/L		1	1	07/20/22 08:21 ASF		4			7.92	35.9	M147488	

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
F014406-01										
BOD (5 day)	SM5210 B 2016	7/20/22 8:21 ASF	Austin	A	10.0	mL	300	mL	1	M147488
F014406-02										
BOD (5 day)	SM5210 B 2016	7/20/22 8:21 ASF	Austin	A	25.0	mL	300	mL	1	M147488

Chain-of-Custody and Analysis Request

AQUA-TECH LABORATORIES, INC.

Aqua-Tech laboratories, Inc.

Austin	Bryan
3512 Montopolis Dr. Austin, TX 78744 512.301.9559	635 Phil Gramm Blvd. Bryan, TX 77807 979.778.3707

T104704371
TX239

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # **F014406**

Page 1 of 1

rte_ATL COC 102720.rpt

Client / Project Name: CAMP LONGHORN INKS LAKE — Camp Longhorn WWTP Ponds

Contact Information
Name: ROBBY ROBERTSON
Address: NO 1 LONGHORN ROAD
City: BURNET
State: TX Zip: 78611
Phone: (512) 793-2811
email:

Definitions
DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

Analyses Requested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].
Name format: Analysis-Matrix-Technology-Method.

[NEL] = NELAP accredited parameter
[SUB] = NELAP accredited subcontracted parameter
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A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Sample Custody

Relinquished (print & sign): Matt Manning M-M	☐ Sampler ☒ Client ☐ ATL Field	Date: 7-19-22 Time: 940AM	☒ Iced / Refrig ☐ Custody Sealed
Received (print & sign): Mark Asher	☐ Client ☒ ATL Field	Date: 7-19-22 Time: 0950	☒ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign): NELAC	☐ Client ☐ ATL Field	Date: Time:	☐ Iced / Refrig ☐ CM / CTU
Received (print & sign):	☐ Client ☐ ATL Field	Date: Time:	☐ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign): ~~Mark Asher~~	☐ Client ☒ ATL Field	Date: ~~07/19/22~~ 13:50 Time:	☒ Iced / Refrig ☒ CM / CTU / Sealed
Received (print & sign): ~~Mark Asher~~	X Lab	Date: ~~07/19/22~~ 13:50 Time:	X Cond Good X Iced / Refrig ___ CM / CTU

Comments:

F014406 - LAB RECEIPT - Y008

Temperatue - CT (C):	3.2
Preservation Correct:	Yes
Post-Preservatives:	N/A
Thermometer ID:	0715672
pH Paper ID:	0789433

rint\wko_A COC 042120.rpt

Field Sample ID	Start Date	Start Time	End Date	End Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn WWTP Pond 1 Inks Lake A BOD NP Probe SM 5210 B [NEL]	7-19-22	7:00 AM	- N/A -	- N/A -	Grab	NP	☐ A BOD 0.5LP	F014406-01
Camp Longhorn WWTP Pond 2 Indian Springs A BOD NP Probe SM 5210 B [NEL]	7-19-22	740AM	- N/A -	- N/A -	Grab	NP	☐ A BOD 0.5LP	F014406-02

1 - PH 8.0

2 - PH 8.1

Email information for report date:
8/17/23 15:12

G023004

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

NO 1 LONGHORN ROAD
BURNET, TX 78611

August 2023 price increase.

Due to the increase in operational costs, Aqua-Tech Laboratories will be implementing a slight price increase. The new price list will be effective August 1, 2023.

Aqua-Tech values you as a customer and encourages you to reach out to our accounting staff at accounting@aqua-techlabs.com if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

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INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

Certificate: T104704371-22-26

NELAP ACCREDITED TNI LABORATORY

TCEQ Lab ID T104704371

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

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This report was approved by:

June M. Brien

June M. Brien, Technical Director

corp@aqua-techlabs.com www.aqua-techlabs.com

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 8/17/23 15:12

G023004

Camp Longhorn WWTP Pond 1 Inks Lake Sample 2
Collected: 08/08/23 07:00 by CLIENT
Received: 08/08/23 14:30 by Mark Asher
Type: Grab
Matrix: Non Potable
C-O-C #: G023004

Lab ID# G023004-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**46**	mg/L		1	12	12	*Austin*	08/09/23 08:40 SAR	SM5210 B 2016	M164951	NEL

Camp Longhorn WWTP Pond 2 Indian Springs
Collected: 08/08/23 07:30 by CLIENT
Received: 08/08/23 14:30 by Mark Asher
Type: Grab
Matrix: Non Potable
C-O-C #: G023004

Lab ID# G023004-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**26**	mg/L		1	6	6	*Austin*	08/09/23 08:40 SAR	SM5210 B 2016	M164951	NEL

Camp Longhorn WWTP Pond 1 Inks Lake Sample 1
Collected: 08/08/23 07:10 by CLIENT
Received: 08/08/23 14:30 by Mark Asher
Type: Grab
Matrix: Non Potable
C-O-C #: G023004

Lab ID# G023004-03	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**25**	mg/L		1	6	6	*Austin*	08/09/23 08:40 SAR	SM5210 B 2016	M164951	NEL

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
BOD (5 day) - SM5210 B 2016														*Austin*
Diln Water Blk	<0.20	mg/L		1	1	08/09/23 08:40 SAR		0.1		< or = 0.2 mg/L			2308110	
GGA	189	mg/L		1	1	08/09/23 08:40 SAR	199		95.0	84.6 - 115.4			2308110	
GGA	189	mg/L		1	1	08/09/23 08:40 SAR	199		95.0	84.6 - 115.4			2308110	
GGA	189	mg/L		1	1	08/09/23 08:40 SAR	199		95.0	84.6 - 115.4			2308110	
Seed Blank	<1	mg/L		1	1	08/09/23 08:40 SAR							2308110	
Seed Blank	<1	mg/L		1	1	08/09/23 08:40 SAR							2308110	
Seed Blank	<1	mg/L		1	1	08/09/23 08:40 SAR							2308110	
Duplicate	1	mg/L		1	1	08/09/23 08:40 SAR		1			8.14	45.1	M164951	

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
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AQUA-TECH LABORATORIES, INC.

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
G023004-01										
BOD (5 day)	SM5210 B 2016	8/9/23 8:40 SAR	Austin	A	25.0	mL	300	mL	1	M164951
G023004-02										
BOD (5 day)	SM5210 B 2016	8/9/23 8:40 SAR	Austin	A	50.0	mL	300	mL	1	M164951
G023004-03										
BOD (5 day)	SM5210 B 2016	8/9/23 8:40 SAR	Austin	A	50.0	mL	300	mL	1	M164951

Chain-of-Custody and Analysis Request

AQUA-TECH LABORATORIES, INC.

Client / Project Name: CAMP LONGHORN INKS LAKE — Camp Longhorn WWTP Ponds

Contact Information
Name: ROBBY ROBERTSON
Address: NO 1 LONGHORN ROAD
City: BURNET
State: TX Zip: 78611
Phone: (512) 793-2811
email:

Definitions
DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

TCEQ LAB ID: T104704371

Aqua-Tech laboratories, Inc.
Austin: 3512 Montopolis Dr. Austin, TX 78744 512.301.9559
Bryan: 635 Phil Gramm Blvd. Bryan, TX 77807 979.778.3707
Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # G023004
Page 1 of 1
rte_ATL COC 012723.rpt

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Name format: Analysis-Matrix-Technology-Method.

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[SUB] = NELAP accredited subcontracted parameter
[CNR] = No NELAP accreditation required or available
[INF] = Informational only (not NELAC certified)

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A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Sample Custody

Relinquished (print & sign): Matt Manning	☐ Sampler ☒ Client ☐ ATL Field	Date 8-8-23 Time 8:15 AM	☒ Iced / Refrig ☐ Custody Sealed
Received (print & sign):	☐ Client ☒ ATL Field	Date 8-8-23 Time 1050	☒ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign):	☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Received (print & sign):	☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign): Mark Asher	☐ Client ☒ ATL Field	Date Time 08/08/23 14:30	☒ Iced / Refrig ☒ CM / CTU / Sealed
Received (print & sign): Mark Asher Lab X		Date Time 08/08/23 14:30	☐ Cond Good X Iced / Refrig X CM / CTU

Comments:

- LAB RECEIPT -
G023004 R17
Temperature - CT (C): 4.3
Preservation Correct: Yes
Post-Preservatives: N/A
Thermometer ID: 0715672
pH Paper ID: 0802385

Field Sample ID	Start Date	Start Time	End Date	End Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn WWTP Pond 1 Inks Lake Sample 2	8-8-23	700AM	- N/A -	- N/A -	Grab	NP	☑ A BOD 0.5LP	G023004-01
A BOD NP Probe SM 5210 B [NEL]								
Camp Longhorn WWTP Pond 2 Indian Springs	8-8-23	730AM	- N/A -	- N/A -	Grab	NP	☑ A BOD 0.5LP	G023004-02
A BOD NP Probe SM 5210 B [NEL]								

PH pond 2 - 8.1
PH pond 1 - 8.1

~~G023004-03~~ NELMS

Pond 1 Sample 1 8-8-23 7:10 AM ☒ A BOD 0.5LP G023004-03

Attachment L

Copy of Payment Submittal Form

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, Texas 78753

Fee Code: WQP **Waste Permit No:** WQ001346001

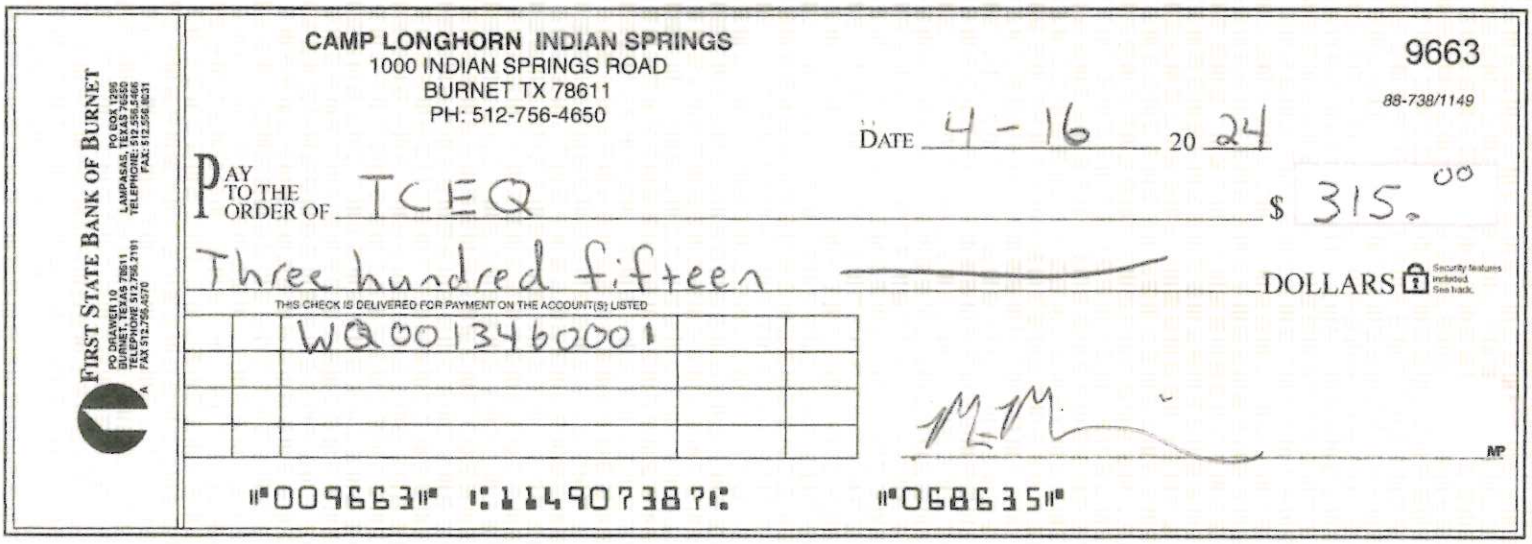
1. Check or Money Order Number: 9663
2. Check or Money Order Amount: $315.00
3. Date of Check or Money Order: 4-16-24
4. Name on Check or Money Order: Camp Longhorn Indian Springs
5. APPLICATION INFORMATION

   Name of Project or Site: Inks Lake Wastewater Treatment Facility

   Physical Address of Project or Site: 1 County Road 1208, Marble Falls. TX 78611

   If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space



Attachment M

Pollutant Analysis

Email information for report date:
6/3/24 17:54

H014872

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

1 Camp Longhorn Road
BURNET, TX 78611

Please contact us for your sampling needs or if you have any questions. Some convenient contacts are listed below. You can also access your results and reports through our ClientConnect ™ portal on our website (www.aqua-techlabs.com).

For sampling questions:

samplingbryan@aqua-techlabs.com (Bryan area)
samplingaustin@aqua-techlabs.com (Austin area)

reporting@aqua-techlabs.com (report questions)

Aqua-Tech values you as a customer and encourages you to speak with our staff at 979-778-3707 or the above emails if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

BRYAN FACILITY
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Fax: (979) 778-3193

AQUA-TECH LABORATORIES

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Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with TNI and/or through the TCEQ Drinking Water Commercial Laboratory Approval Program.

The following abbreviations indicate certification status:

NEL	TNI accredited parameter.
ANR	Accreditation not offered by the State of Texas.
DWP	Approval through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

Certificate: T104704371-23-27

TCEQ Lab ID T104704371

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, Inc. personnel unless otherwise noted in the "Sample Collected" field of this report as "Client" or "CLT".

Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

All reports, raw data, and associated quality control data are kept on file for 10 years before being destroyed. Any client that would like copies of records must contact Aqua-Tech Laboratories, Inc. no later than six months prior to the scheduled disposal. An administrative fee for retrieval and distribution will apply.

This report was approved by:

June M. Brien, Technical Director

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Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 6/3/24 17:54

H014872

Camp Longhorn Pond 1 Inks Lake
Collected: 05/14/24 08:00 by CLIENT
Received: 05/14/24 14:35 by Mark Asher
Type Grab
Matrix Non Potable
C-O-C # H014872

Lab ID# H014872-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
Carbonaceous BOD (5 day)	**11**	mg/L		1	2	2	*Austin*	05/15/24 06:50 BAL	SM5210 B 2016	M177312	NEL
Total Suspended Solids	**16**	mg/L		1	2	2	*Austin*	05/15/24 12:07 BEB	SM2540 D 2015	M177339	NEL
Total Dissolved Solids	**640**	mg/L		25.0	100	100	*Austin*	05/20/24 11:57 BEB	SM2540 C 2015	M177537	NEL
Ammonia as N	**9.40**	mg/L		0.05	0.09	1.00	*Bryan*	05/20/24 12:33 KMA	SM4500-NH3 G 2011	M177539	NEL
Total Kjeldahl Nitrogen as N	**12.3**	mg/L		0.13	0.26	0.40	*Bryan*	05/16/24 13:18 KMA	EPA 351.2 R2.0	M177382	NEL
Nitrate as N	**0.042**	mg/L			0.017	0.020	*Calc*	05/15/24 11:00 MSA	SM4500-NO3-F 2011	[CALC]	NEL
Nitrite as N	**<0.01**	mg/L		0.002	0.002	0.01	*Austin*	05/15/24 10:30 MSA	SM4500 NO2- B 2011	M177332	NEL
Nitrate/Nitrite as N	**0.04**	mg/L		0.02	0.02	0.02	*Bryan*	05/15/24 11:00 KMA	SM4500-NO3-F 2011	M177337	ANR
Oil & Grease (HEM)	**<5.2**	mg/L		4.4	5.2	5.2	*Bryan*	05/16/24 10:02 HDH	EPA 1664B	M177372	NEL
Chloride	**108**	mg/L		0.60	2.41	20.0	*Austin*	05/20/24 11:15 MSA	SM4500-Cl- B 2011	M177532	NEL
Sulfate as SO4(2-)	**88.4**	mg/L		2.63	10.5	20.0	*Austin*	05/20/24 09:22 KFB	ASTM D0516-16	M177517	NEL
Specific Conductance (adjusted to 25.0°C)	**1040**	uS/cm		2.00	2.00	2.00	*Austin*	05/20/24 08:00 MSA	SM2510 B 2011	M177505	NEL
Microbiological Analyses											
E. Coli	**104**	MPN/100 mL		1.0	1.0	1.0	*Austin*	05/14/24 15:05 BLJ	SM9223 B 2004	M177276	NEL
Results run by SM 9223B are reported as MPN (Most Probable Number). MPN is comparable to CFU (Colony Forming Units). Both MPN and CFU are allowed in most permits.											
Metals (Total)											
Phosphorus-Total	**8.71**	mg/L		0.082	0.041	0.050	*Austin*	05/22/24 16:44 KT	EPA 200.7 R4.4	M177578	NEL

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Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: **6/3/24** **17:54**

H014872

Camp Longhorn Pond 2 Indian Springs

Collected: 05/14/24 07:30 by CLIENT
Received: 05/14/24 14:35 by Mark Asher

Type: Grab
Matrix: Non Potable
C-O-C #: H014872

Lab ID# H014872-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
Carbonaceous BOD (5 day)	**31**	mg/L		1	12	12	*Austin*	05/15/24 06:50 BAL	SM5210 B 2016	M177312	NEL
Total Suspended Solids	**100**	mg/L		1	20	20	*Austin*	05/15/24 12:07 BEB	SM2540 D 2015	M177339	NEL
Total Dissolved Solids	**2440**	mg/L		25.0	100	100	*Austin*	05/20/24 11:57 BEB	SM2540 C 2015	M177537	NEL
Ammonia as N	**0.34**	mg/L		0.05	0.05	0.05	*Bryan*	05/21/24 12:06 KMA	SM4500-NH3 G 2011	M177525	NEL
Total Kjeldahl Nitrogen as N	**10.6**	mg/L		0.13	0.26	0.40	*Bryan*	05/16/24 13:18 KMA	EPA 351.2 R2.0	M177382	NEL
Nitrate as N	**0.046**	mg/L			0.017	0.020	*Calc*	05/15/24 11:00 MSA	SM4500-NO3-F 2011	[CALC]	NEL
Nitrite as N	**0.01**	mg/L		0.002	0.002	0.01	*Austin*	05/15/24 10:30 MSA	SM4500 NO2- B 2011	M177332	NEL
Nitrate/Nitrite as N	**0.06**	mg/L		0.02	0.02	0.02	*Bryan*	05/15/24 11:00 KMA	SM4500-NO3-F 2011	M177337	ANR
Oil & Grease (HEM)	**<4.8**	mg/L		4.4	4.8	4.8	*Bryan*	05/16/24 10:02 HDH	EPA 1664B	M177372	NEL
Chloride	**1320**	mg/L		0.60	12.1	100	*Austin*	05/20/24 11:15 MSA	SM4500-Cl- B 2011	M177532	NEL
Sulfate as SO4(2-)	**20.7**	mg/L		2.63	3.50	6.67	*Austin*	05/20/24 09:22 KFB	ASTM D0516-16	M177517	NEL
Specific Conductance (adjusted to 25.0°C)	**4400**	uS/cm		2.00	50.0	50.0	*Austin*	05/20/24 08:00 MSA	SM2510 B 2011	M177505	NEL
Microbiological Analyses											
E. Coli	**4500**	MPN/100 mL		1.0	100	100	*Austin*	05/14/24 15:05 BLJ	SM9223 B 2004	M177276	NEL
Results run by SM 9223B are reported as MPN (Most Probable Number). MPN is comparable to CFU (Colony Forming Units). Both MPN and CFU are allowed in most permits.											
Metals (Total)											
Phosphorus-Total	**2.97**	mg/L		0.082	0.041	0.050	*Austin*	05/22/24 16:47 KT	EPA 200.7 R4.4	M177578	NEL

Explanation of Notes

J Analyte detected below the SQL but above the MDL.

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Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 6/3/24 17:54

H014872

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Ammonia as N - SM4500-NH3 G 2011														*Bryan*
Initial Cal Check	1.02	mg/L				05/20/24 12:06 KMA	1.00		102	90 - 110			2405235	
Low Cal Check	0.04	mg/L				05/20/24 12:06 KMA	0.0500		90.0	70 - 130			2405235	
Blank	<0.05	mg/L		0.05	0.05	05/20/24 12:06 KMA							M177525	
LCS	0.50	mg/L		0.05	0.05	05/20/24 12:06 KMA	0.500		99.8	85 - 115			M177525	
LCS Dup	0.50	mg/L		0.05	0.05	05/20/24 12:06 KMA	0.500		100	85 - 115	0.599	20	M177525	
Matrix Spike	0.60	mg/L		0.05	0.05	05/20/24 12:06 KMA	0.500	0.10	100	70 - 130			M177525	
Matrix Spike Dup	0.60	mg/L		0.05	0.05	05/20/24 12:06 KMA	0.500	0.10	100	70 - 130	0.199	20	M177525	
Initial Cal Check	5.14	mg/L				05/20/24 12:33 KMA	5.00		103	90 - 110			2405238	
Low Cal Check	0.48	mg/L				05/20/24 12:33 KMA	0.500		97.0	70 - 130			2405238	
Blank	<0.50	mg/L		0.05	0.50	05/20/24 12:33 KMA							M177539	
LCS	2.01	mg/L		0.05	0.51	05/20/24 12:33 KMA	2.00		100	85 - 115			M177539	
LCS Dup	2.04	mg/L		0.05	0.51	05/20/24 12:33 KMA	2.00		102	85 - 115	1.43	20	M177539	
Matrix Spike	28.7	mg/L		0.28	3.02	05/20/24 12:33 KMA	20.0	7.40	107	70 - 130			M177539	
Matrix Spike Dup	29.0	mg/L		0.28	3.02	05/20/24 12:33 KMA	20.0	7.40	108	70 - 130	1.22	20	M177539	
Carbonaceous BOD (5 day) - SM5210 B 2016														*Austin*
Diln Water Blk	<0.20	mg/L		1	1	05/15/24 06:50 BAL		0.0		< or = 0.2 mg/L			2405177	
GGA	169	mg/L		1	1	05/15/24 06:50 BAL	197		85.8	84.6 - 115.4			2405177	
GGA	169	mg/L		1	1	05/15/24 06:50 BAL	197		85.8	84.6 - 115.4			2405177	
GGA	176	mg/L		1	1	05/15/24 06:50 BAL	197		89.3	84.6 - 115.4			2405177	
Seed Blank	<1	mg/L		1	1	05/15/24 06:50 BAL							2405177	
Seed Blank	<1	mg/L		1	1	05/15/24 06:50 BAL							2405177	
Seed Blank	<1	mg/L		1	1	05/15/24 06:50 BAL							2405177	
Duplicate	<1	mg/L		1	1	05/15/24 06:50 BAL		<1				47.7	M177312	
Chloride - SM4500-Cl- B 2011														*Austin*
Initial Cal Check	50.5	mg/L				05/20/24 11:15 MSA	50.0		101	90 - 110			2405237	
Blank	<5.00	mg/L		0.60	5.00	05/20/24 11:15 MSA							M177532	
LCS	20.6	mg/L		0.60	5.00	05/20/24 11:15 MSA	19.8		104	90 - 110			M177532	
LCS Dup	20.6	mg/L		0.60	5.00	05/20/24 11:15 MSA	19.8		104	90 - 110	0.00	5.86	M177532	
Matrix Spike	207	mg/L		2.41	20.0	05/20/24 11:15 MSA	79.2	131	96.7	83.4 - 113			M177532	
Matrix Spike Dup	207	mg/L		2.41	20.0	05/20/24 11:15 MSA	79.2	131	96.7	83.4 - 113	0.00	10.7	M177532	
MRL Check	5.14	mg/L		0.60	5.00	05/20/24 11:15 MSA	4.95		104	70 - 130			M177532	

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Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 6/3/24 17:54

H014872

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Nitrate/Nitrite as N - SM4500-NO3-F 2011														*Bryan*
Initial Cal Check	0.99	mg/L				05/15/24 11:00 KMA	0.959		103	90 - 110			2405089	
Low Cal Check	0.02	mg/L				05/15/24 11:00 KMA	0.0200		105	70 - 130			2405089	
Blank	<0.02	mg/L		0.02	0.02	05/15/24 11:00 KMA							M177337	
LCS	0.50	mg/L		0.02	0.02	05/15/24 11:00 KMA	0.500		100	89.5 - 111			M177337	
LCS Dup	0.50	mg/L		0.02	0.02	05/15/24 11:00 KMA	0.500		100	89.5 - 111	0.200	10	M177337	
Matrix Spike	1.3	mg/L		0.03	0.04	05/15/24 11:00 KMA	1.00	0.27	100	80.1 - 118			M177337	
Matrix Spike Dup	1.3	mg/L		0.03	0.04	05/15/24 11:00 KMA	1.00	0.27	100	80.1 - 118	0.299	10	M177337	
Nitrite as N - SM4500 NO2- B 2011														*Austin*
Initial Cal Check	0.08	mg/L				05/15/24 10:30 MSA	0.0736		107	90 - 110			2405181	
Blank	<0.01	mg/L		0.002	0.01	05/15/24 10:30 MSA							M177332	
LCS	0.08	mg/L		0.002	0.01	05/15/24 10:30 MSA	0.0800		99.8	90 - 110			M177332	
LCS Dup	0.08	mg/L		0.002	0.01	05/15/24 10:30 MSA	0.0800		103	90 - 110	3.53	10	M177332	
Matrix Spike	0.08	mg/L		0.002	0.01	05/15/24 10:30 MSA	0.0800	<0.01	97.1	57 - 116			M177332	
Matrix Spike Dup	0.08	mg/L		0.002	0.01	05/15/24 10:30 MSA	0.0800	<0.01	98.0	57 - 116	0.919	10	M177332	
MRL Check	<0.01	mg/L	*J (0.009)*	0.002	0.01	05/15/24 10:30 MSA	0.0100		91.6	70 - 130			M177332	
Initial Cal Check	0.08	mg/L				10/06/23 11:00 MSA	0.0800		106	90 - 110			2310075	
Oil & Grease (HEM) - EPA 1664B														*Bryan*
Blank	<5.0	mg/L		5.0	5.0	05/16/24 10:02 HDH							M177372	
LCS	35.9	mg/L		4.9	4.9	05/16/24 10:02 HDH	39.2		91.8	78 - 114			M177372	
LCS Dup	34.2	mg/L		4.9	4.9	05/16/24 10:02 HDH	39.4		86.8	78 - 114	5.59	200	M177372	
Matrix Spike	34.3	mg/L		5.0	5.0	05/16/24 10:02 HDH	40.0	<5.0	85.8	78 - 114			M177372	
Specific Conductance (adjusted to 25.0°C) - SM2510 B 2011														*Austin*
Initial Cal Check	529	uS/cm				05/20/24 08:00 MSA	545		97.1	90 - 110			2405228	
Blank	<2.00	uS/cm		2.00	2.00	05/20/24 08:00 MSA							M177505	
Duplicate	1040	uS/cm		2.00	2.00	05/20/24 08:00 MSA		1040			0.192	10	M177505	
LCS	1400	uS/cm		2.00	2.00	05/20/24 08:00 MSA	1410		99.5	90 - 110			M177505	

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Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 6/3/24 17:54

H014872

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Sulfate as SO4(2-) - ASTM D0516-16														*Austin*
Initial Cal Check	28.9	mg/L				05/19/23 13:33 BEB	30.0		96.4	85 - 115			2305280	
Initial Cal Check	32.5	mg/L				05/20/24 09:22 KFB	30.0		108	90 - 110			2405234	
Low Cal Check	4.99	mg/L				05/20/24 09:22 KFB	5.00		99.9	70 - 130			2405234	
Blank	<5.00	mg/L		2.63	5.00	05/20/24 09:22 KFB							M177517	
Duplicate	52.7	mg/L		10.5	20.0	05/20/24 09:22 KFB		51.6			1.99	11.8	M177517	
LCS	10.3	mg/L		2.63	5.00	05/20/24 09:22 KFB	10.0		103	85 - 115			M177517	
LCS Dup	10.3	mg/L		2.63	5.00	05/20/24 09:22 KFB	10.0		103	85 - 115	0.653	13.5	M177517	
Matrix Spike	95.4	mg/L		10.5	20.0	05/20/24 09:22 KFB	40.0	51.6	109	67.7 - 129			M177517	
Matrix Spike Dup	98.2	mg/L		10.5	20.0	05/20/24 09:22 KFB	40.0	51.6	116	67.7 - 129	6.31	15	M177517	
Total Dissolved Solids - SM2540 C 2015														*Austin*
Blank	<50.0	mg/L		50.0	50.0	05/20/24 11:57 BEB							M177537	
Duplicate	573	mg/L		50.0	50.0	05/20/24 11:57 BEB		584			1.90	11.2	M177537	
Reference	448	mg/L		100	100	05/20/24 11:57 BEB	507		88.4	74.9 - 127			M177537	
Total Kjeldahl Nitrogen as N - EPA 351.2 R2.0														*Bryan*
Initial Cal Check	4.54	mg/L				05/16/24 13:18 KMA	4.56		99.5	90 - 110			2405202	
Low Cal Check	0.22	mg/L				05/16/24 13:18 KMA	0.200		110	70 - 130			2405202	
Blank	<0.20	mg/L		0.13	0.20	05/16/24 13:18 KMA							M177382	
LCS	4.18	mg/L		0.13	0.20	05/16/24 13:18 KMA	4.00		105	87.4 - 119			M177382	
LCS Dup	4.12	mg/L		0.13	0.20	05/16/24 13:18 KMA	4.00		103	87.4 - 119	1.45	5.44	M177382	
Matrix Spike	5.10	mg/L		0.13	0.20	05/16/24 13:18 KMA	4.00	1.46	91.1	62.1 - 130			M177382	
Matrix Spike Dup	4.96	mg/L		0.13	0.20	05/16/24 13:18 KMA	4.00	1.46	87.7	62.1 - 130	3.75	17.5	M177382	
Total Suspended Solids - SM2540 D 2015														*Austin*
Blank	<1	mg/L		1	1	05/15/24 12:07 BEB							M177339	
Duplicate	48	mg/L		13	13	05/15/24 12:07 BEB		55			13.0	20	M177339	
Reference	89	mg/L		10	10	05/15/24 12:07 BEB	101		88.1	80 - 120			M177339	

Metals (Total) - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 6/3/24 17:54

H014872

Metals (Total) - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Phosphorus-Total - EPA 200.7 R4.4														*Austin*
Blank	<0.050	mg/L		0.041	0.050	05/22/24 16:29 KT							M177578	
LCS	4.76	mg/L		0.041	0.050	05/22/24 16:31 KT	5.00		95.2	84.5 - 115.4			M177578	
LCS Dup	4.75	mg/L		0.041	0.050	05/22/24 16:34 KT	5.00		95.1	84.5 - 115.4	0.105	20	M177578	
Duplicate	13.7	mg/L		0.041	0.050	05/22/24 16:36 KT		13.1			4.44	20	M177578	
Matrix Spike	19.5	mg/L		0.041	0.050	05/22/24 16:38 KT	5.00	13.1	127	69.5 - 130.4			M177578	

Microbiological Analyses - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	Log10 Comparison Range	Log10 Comparison Control Limit	Batch	
E. Coli - SM9223 B 2004														*Austin*
Blank	<1.0	MPN/100 mL		1.0	1.0	05/14/24 15:05 BLJ							M177276	
Dup Log10 Range		MPN/100 mL		1.0	1.0	05/14/24 15:05 BLJ					0.000		M177276	
Duplicate	<1.0	MPN/100 mL		1.0	1.0	05/14/24 15:05 BLJ		<1.0				0.5	M177276	

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Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: **6/3/24** **17:54**

H014872

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
H014872-01										
Ammonia as N	SM4500-NH3 G 2011	5/20/24 10:00 KMA	Bryan	A	5.00	mL	10.0	mL	1	M177539
Carbonaceous BOD (5 day)	SM5210 B 2016	5/15/24 6:50 BAL	Austin	B	150	mL	300	mL	1	M177312
Chloride	SM4500-Cl- B 2011	5/20/24 11:15 MSA	Austin	C	25.0	mL	100	mL	1	M177532
E. Coli	SM9223 B 2004	5/14/24 14:55 BLJ	Austin	D	100	N/A	100	N/A	1	M177276
Nitrate/Nitrite as N	SM4500-NO3-F 2011	5/15/24 9:30 KMA	Bryan	A	10.0	mL	10.0	mL	1	M177337
Nitrite as N	SM4500 NO2- B 2011	5/15/24 10:30 MSA	Austin	C	25.0	mL	25.0	mL	1	M177332
Oil & Grease (HEM)	EPA 1664B	5/16/24 10:02 HDH	Bryan	G	966	mL	1000	mL	1	M177372
Phosphorus-Total	EPA 200.7 R4.4	5/21/24 9:41 KFB	Austin	E	50.0	mL	25.0	mL	1	M177578
Specific Conductance (adjusted to 25.0°C)	SM2510 B 2011	5/20/24 8:00 MSA	Austin	C	25.0	mL	25.0	mL	1	M177505
Sulfate as SO4(2-)	ASTM D0516-16	5/20/24 9:22 KFB	Austin	C	25.0	mL	100	mL	1	M177517
Total Dissolved Solids	SM2540 C 2015	5/20/24 11:57 BEB	Austin	C	25.0	mL	100	mL	1	M177537
Total Kjeldahl Nitrogen as N	EPA 351.2 R2.0	5/16/24 9:31 KMA	Bryan	A	25.0	mL	25.0	mL	2	M177382
Total Suspended Solids	SM2540 D 2015	5/15/24 12:07 BEB	Austin	I	500	mL	1000	mL	1	M177339
H014872-02										
Ammonia as N	SM4500-NH3 G 2011	5/20/24 10:00 KMA	Bryan	A	10.0	mL	10.0	mL	1	M177525
Carbonaceous BOD (5 day)	SM5210 B 2016	5/15/24 6:50 BAL	Austin	B	25.0	mL	300	mL	1	M177312
Chloride	SM4500-Cl- B 2011	5/20/24 11:15 MSA	Austin	C	5.00	mL	100	mL	1	M177532
E. Coli	SM9223 B 2004	5/14/24 14:55 BLJ	Austin	D	1.00	N/A	100	N/A	1	M177276
Nitrate/Nitrite as N	SM4500-NO3-F 2011	5/15/24 9:30 KMA	Bryan	A	10.0	mL	10.0	mL	1	M177337
Nitrite as N	SM4500 NO2- B 2011	5/15/24 10:30 MSA	Austin	C	25.0	mL	25.0	mL	1	M177332
Oil & Grease (HEM)	EPA 1664B	5/16/24 10:02 HDH	Bryan	G	1030	mL	1000	mL	1	M177372
Phosphorus-Total	EPA 200.7 R4.4	5/21/24 9:41 KFB	Austin	E	50.0	mL	25.0	mL	1	M177578
Specific Conductance (adjusted to 25.0°C)	SM2510 B 2011	5/20/24 8:00 MSA	Austin	C	5.00	mL	25.0	mL	5	M177505
Sulfate as SO4(2-)	ASTM D0516-16	5/20/24 9:22 KFB	Austin	C	75.0	mL	100	mL	1	M177517
Total Dissolved Solids	SM2540 C 2015	5/20/24 11:57 BEB	Austin	C	25.0	mL	100	mL	1	M177537
Total Kjeldahl Nitrogen as N	EPA 351.2 R2.0	5/16/24 9:31 KMA	Bryan	A	25.0	mL	25.0	mL	2	M177382
Total Suspended Solids	SM2540 D 2015	5/15/24 12:07 BEB	Austin	I	50.0	mL	1000	mL	1	M177339

Chain-of-Custody and Analysis Request

AQUA-TECH LABORATORIES, INC.

Client / Project Name: CAMP LONGHORN INKS LAKE — Camp Longhorn Permit Renewal

Contact Information
Name: ROBBY ROBERTSON
Address: 1 Camp Longhorn Road
City: BURNET
State: TX Zip: 78611
Phone: (512) 793-2811
email:

Definitions
DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

TCEQ LAB ID: T104704371

Aqua-Tech laboratories, Inc.

Austin: 3512 Montopolis Dr., Austin, TX 78744, 512.301.9559
Bryan: 635 Phil Gramm Blvd., Bryan, TX 77807, 979.778.3707

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # **H014872** Page 1 of 1

rte_ATL COC 012723.rpt

Analyses Requested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].
Name format: Analysis-Matrix-Technology-Method.

[NEL] = NELAP accredited parameter
[SUB] = NELAP accredited subcontracted parameter
[CNR] = No NELAP accreditation required or available
[INF] = Informational only (not NELAC certified)

By relinquishing the samples listed below to Aqua-Tech laboratories, Inc. (ATL), the client agrees to the following terms. Samples will be analyzed by a method that is within ATL's NELAP fields of accreditation (FoA). Analytes requiring an accredited method that is not within ATL's FoA will be subcontracted to a NELAP lab that is accredited for that method. Clients will be notified of the subcontract lab's details. Other analytes not requiring accreditation will be analyzed by a compendial method. If a specific method is required, the client will note the method in the "Analysis Requested" column. The client approves all method modifications documented by ATL or the subcontract lab.
A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Sample Custody

Relinquished (print & sign)	Matt Manning	Sampler / Client / ATL Field	Date 5-14-24 Time 830 Am — Iced / Refrig; Custody Sealed
Received (print & sign)	Mark Asher	Client / ATL Field	Date 5-14-24 Time 1010 — Iced / Refrig; CM / CTU
Relinquished (print & sign)		Client / ATL Field	Date — Time — Iced / Refrig; CM / CTU
Received (print & sign)		Client / ATL Field	Date — Time — Iced / Refrig; CM / CTU
Relinquished (print & sign)	Mark Asher	Client / ATL Field	Date 05/14/24 Time 14:35 — Iced / Refrig; CM / CTU / Sealed
Received (print & sign)	Mark Asher	Lab	Date 05/14/24 Time 14:35 — Cond Good; Iced / Refrig; CM / CTU

Comments:
Indian Springs Pond 2: pH 8.0, Cl_2 - 0.0
Inks Pond 1: pH ~~8.0~~ 7.9, Cl_2 - 0.0

- LAB RECEIPT - BT005

Temperature - CT (C):	3.1
Preservation Correct:	Yes
Post-Preservatives:	N/A
Thermometer ID:	0811655
pH Paper ID:	0812800

ko_A COC MULTI 043020.rpt

Field Sample ID	Start Date	Start Time	End Date	End Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn Pond 1 Inks Lake	5-14-24	8:00 AM	- N/A -	- N/A -	Grab	NP	☑ A AMM NO3 TKN 0.25LP H2SO4 pH<2 ☑ B CBOD 1LP ☑ C CL Cond NO2 SO4 TDS 1LP ☑ D Ecoli 0.1L StP Na2S2O3 ☑ E P 0.25LP H2SO4 pH<2 ☑ F OG pH Chk - 1LP HCl pH<2 ☑ G OG - 1LG Amber HCl ☑ H OG - 1LG Amber HCl ☑ I TSS 2LP	H014872-01
A CBOD NP Probe SM 5210 B [NEL]; A E.Coli MPN SM9223 B [NEL]; A P NP ICP EPA 200.7 [NEL]; A TSS NP Grav SM 2540 D [NEL]; O&G Grav EPA 1664B [NEL]	A Cl NP Tit SM 4500 Cl- B [NEL]; A NO2N NP Spec SM4500 NO2 B [NEL]; A SO4 NP Spec D516 [NEL]; NH3N NP AUTO SM 4500 G [NEL]; TKN NP AUTO EPA 351.2 [NEL]		A Cond Probe SM 2510 B [NEL]; A NO3N NP CALC SM4500 [NEL]; A TDS NP Grav SM2540 C [NEL]; NO3N + NO2N NP RFA SM4500 NO3 F [CNR]					
Camp Longhorn Pond 2 Indian Springs	5-14-24	7:30 AM	- N/A -	- N/A -	Grab	NP	☑ A AMM NO3 TKN 0.25LP H2SO4 pH<2 ☑ B CBOD 1LP ☑ C CL Cond NO2 SO4 TDS 1LP ☑ D Ecoli 0.1L StP Na2S2O3 ☑ E P 0.25LP H2SO4 pH<2 ☑ F OG pH Chk - 1LP HCl pH<2 ☑ G OG - 1LG Amber HCl ☑ H OG - 1LG Amber HCl ☑ I TSS 2LP	H014872-02
A CBOD NP Probe SM 5210 B [NEL]; A E.Coli MPN SM9223 B [NEL]; A P NP ICP EPA 200.7 [NEL]; A TSS NP Grav SM 2540 D [NEL]; O&G Grav EPA 1664B [NEL]	A Cl NP Tit SM 4500 Cl- B [NEL]; A NO2N NP Spec SM4500 NO2 B [NEL]; A SO4 NP Spec D516 [NEL]; NH3N NP AUTO SM 4500 G [NEL]; TKN NP AUTO EPA 351.2 [NEL]		A Cond Probe SM 2510 B [NEL]; A NO3N NP CALC SM4500 [NEL]; A TDS NP Grav SM2540 C [NEL]; NO3N + NO2N NP RFA SM4500 NO3 F [CNR]					

Attachment N

Soil Analysis

Email information for report date:
8/17/23 15:12

G023004

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

NO 1 LONGHORN ROAD
BURNET, TX 78611

August 2023 price increase.

Due to the increase in operational costs, Aqua-Tech Laboratories will be implementing a slight price increase. The new price list will be effective August 1, 2023.

Aqua-Tech values you as a customer and encourages you to reach out to our accounting staff at accounting@aqua-techlabs.com if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with TNI and/or through the TCEQ Drinking Water Commercial Laboratory Approval Program.

The following abbreviations indicate certification status:

NEL	TNI accredited parameter.
ANR	Accreditation not offered by the State of Texas.
DWP	Approval through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

Certificate: T104704371-22-26

NELAP ACCREDITED TNI LABORATORY

TCEQ Lab ID T104704371

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, Inc. personnel unless otherwise noted in the "Sample Collected" field of this report as "Client" or "CLT".

Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

All reports, raw data, and associated quality control data are kept on file for 10 years before being destroyed. Any client that would like copies of records must contact Aqua-Tech Laboratories, Inc. no later than six months prior to the scheduled disposal. An administrative fee for retrieval and distribution will apply.

This report was approved by:

June M. Brien

June M. Brien, Technical Director

corp@aqua-techlabs.com www.aqua-techlabs.com

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Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 8/17/23 15:12

G023004

Camp Longhorn WWTP Pond 1 Inks Lake Sample 2
Collected: 08/08/23 07:00 by CLIENT
Received: 08/08/23 14:30 by Mark Asher
Type Grab | *Matrix* Non Potable | *C-O-C #* G023004

Lab ID# G023004-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**46**	mg/L		1	12	12	*Austin*	08/09/23 08:40 SAR	SM5210 B 2016	M164951	NEL

Camp Longhorn WWTP Pond 2 Indian Springs
Collected: 08/08/23 07:30 by CLIENT
Received: 08/08/23 14:30 by Mark Asher
Type Grab | *Matrix* Non Potable | *C-O-C #* G023004

Lab ID# G023004-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**26**	mg/L		1	6	6	*Austin*	08/09/23 08:40 SAR	SM5210 B 2016	M164951	NEL

Camp Longhorn WWTP Pond 1 Inks Lake Sample 1
Collected: 08/08/23 07:10 by CLIENT
Received: 08/08/23 14:30 by Mark Asher
Type Grab | *Matrix* Non Potable | *C-O-C #* G023004

Lab ID# G023004-03	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
BOD (5 day)	**25**	mg/L		1	6	6	*Austin*	08/09/23 08:40 SAR	SM5210 B 2016	M164951	NEL

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
BOD (5 day) - SM5210 B 2016														*Austin*
Diln Water Blk	<0.20	mg/L		1	1	08/09/23 08:40 SAR		0.1		< or = 0.2 mg/L			2308110	
GGA	189	mg/L		1	1	08/09/23 08:40 SAR	199		95.0	84.6 - 115.4			2308110	
GGA	189	mg/L		1	1	08/09/23 08:40 SAR	199		95.0	84.6 - 115.4			2308110	
GGA	189	mg/L		1	1	08/09/23 08:40 SAR	199		95.0	84.6 - 115.4			2308110	
Seed Blank	<1	mg/L		1	1	08/09/23 08:40 SAR							2308110	
Seed Blank	<1	mg/L		1	1	08/09/23 08:40 SAR							2308110	
Seed Blank	<1	mg/L		1	1	08/09/23 08:40 SAR							2308110	
Duplicate	1	mg/L		1	1	08/09/23 08:40 SAR		1			8.14	45.1	M164951	

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AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
G023004-01										
BOD (5 day)	SM5210 B 2016	8/9/23 8:40 SAR	Austin	A	25.0	mL	300	mL	1	M164951
G023004-02										
BOD (5 day)	SM5210 B 2016	8/9/23 8:40 SAR	Austin	A	50.0	mL	300	mL	1	M164951
G023004-03										
BOD (5 day)	SM5210 B 2016	8/9/23 8:40 SAR	Austin	A	50.0	mL	300	mL	1	M164951

Chain-of-Custody and Analysis Request

AQUA-TECH LABORATORIES, INC.

Client / Project Name: CAMP LONGHORN INKS LAKE
Camp Longhorn WWTP Ponds

Contact Information
Name: ROBBY ROBERTSON
Address: NO 1 LONGHORN ROAD
City: BURNET
State: TX Zip: 78611
Phone: (512) 793-2811
email:

Definitions
DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

TCEQ LAB ID: T104704371

Aqua-Tech laboratories, Inc.
Austin: 3512 Montopolis Dr. Austin, TX 78744 512.301.9559
Bryan: 635 Phil Gramm Blvd. Bryan, TX 77807 979.778.3707
Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # G023004
Page 1 of 1
rte_ATL COC 012723.rpt

Analyses Requested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].
Name format: Analysis-Matrix-Technology-Method.

[NEL] = NELAP accredited parameter
[SUB] = NELAP accredited subcontracted parameter
[CNR] = No NELAP accreditation required or available
[INF] = Informational only (not NELAC certified)

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A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Sample Custody

Relinquished (print & sign)	Matt Manning	☐ Sampler ☒ Client ☐ ATL Field	Date 8-8-23 ☒ Iced / Refrig Time 8:15 AM ☐ Custody Sealed
Received (print & sign)		☐ Client ☒ ATL Field	Date 8-8-23 ☒ Iced / Refrig Time 1050 ☐ CM / CTU
Relinquished (print & sign)		☐ Client ☐ ATL Field	Date ☐ Iced / Refrig Time ☐ CM / CTU
Received (print & sign)		☐ Client ☐ ATL Field	Date ☐ Iced / Refrig Time ☐ CM / CTU
Relinquished (print & sign)	Mark Asher	☐ Client ☒ ATL Field	Date ☒ Iced / Refrig Time 08/08/23 14:30 ☒ CM / CTU / Sealed
Received (print & sign)	Mark Asher Lab		Date ☐ Cond Good Time 08/08/23 14:30 ☒ Iced / Refrig ☒ CM / CTU

Comments:

- LAB RECEIPT -
G023004 R17
Temperature - CT (C): 4.3
Preservation Correct: Yes
Post-Preservatives: N/A
Thermometer ID: 0715672
pH Paper ID: 0802385

Field Sample ID	Start Date	Start Time	End Date	End Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn WWTP Pond 1 Inks Lake Sample 2	8-8-23	700AM	- N/A -	- N/A -	Grab	NP	☑ A BOD 0.5LP	G023004-01
A BOD NP Probe SM 5210 B [NEL]								
Camp Longhorn WWTP Pond 2 Indian Springs	8-8-23	730AM	- N/A -	- N/A -	Grab	NP	☑ A BOD 0.5LP	G023004-02
A BOD NP Probe SM 5210 B [NEL]								

PH pond 2 - 8.1
PH pond 1 - 8.1

Pond 1 Sample 1 8-8-23 7:10 AM ☒ A BOD 0.5LP G023004-03

~~G023004-03~~ NEW

Page 4 of 4 G023004_1 ATL 051823 FIN_ls 08 17 23 1512

Email information for report date:
10/13/23 14:54

G031234

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

1 Camp Longhorn Road
BURNET, TX 78611

August 2023 price increase.

Due to the increase in operational costs, Aqua-Tech Laboratories will be implementing a slight price increase. The new price list will be effective August 1, 2023.

Aqua-Tech values you as a customer and encourages you to reach out to our accounting staff at accounting@aqua-techlabs.com if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with TNI and/or through the TCEQ Drinking Water Commercial Laboratory Approval Program.

The following abbreviations indicate certification status:

NEL	TNI accredited parameter.
ANR	Accreditation not offered by the State of Texas.
DWP	Approval through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

Certificate: T104704371-22-26

TCEQ Lab ID T104704371

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, Inc. personnel unless otherwise noted in the "Sample Collected" field of this report as "Client" or "CLT".

Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

All reports, raw data, and associated quality control data are kept on file for 10 years before being destroyed. Any client that would like copies of records must contact Aqua-Tech Laboratories, Inc. no later than six months prior to the scheduled disposal. An administrative fee for retrieval and distribution will apply.

This report was approved by:

June M. Brien, Technical Director

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Bryan, TX 77807
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Austin, TX 78744
Phone: (512) 301-9559
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Revised

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 10/13/23 14:54

G031234

REVISED: Original report generated on 10-13-23 (13:20). Revised to include sub-contract data.

Camp Longhorn Soil Inks Lake 0-6 Inches

Collected: 09/19/23 08:00 by CLIENT
Received: 09/19/23 14:00 by Mark Asher
Type Grab | *Matrix* Solid | *C-O-C #* G031234

Lab ID# G031234-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
% Solids	**90.4**	g/100g (%)	C-02	0.10	0.10	0.10	*Austin*	09/20/23 13:18 SAR	SM2540 G 2015	M166928	NEL
Total Kjeldahl Nitrogen as N	**830**	mg/kg dry		0.13	35.8	55.0	*Bryan*	09/26/23 12:30 KMA	SM4500-NH3 G 2011	M167117	ANR
Plant Available Parameters											
Total Nitrogen	**845**	mg/kg dry wt.			N/A	N/A	*Calc*	10/13/23 12:22 PMY	Calculation	M168062	ANR

Camp Longhorn Soil Inks Lake 6-18 Inches

Collected: 09/19/23 08:00 by CLIENT
Received: 09/19/23 14:00 by Mark Asher
Type Grab | *Matrix* Solid | *C-O-C #* G031234

Lab ID# G031234-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
% Solids	**90.3**	g/100g (%)		0.10	0.10	0.10	*Austin*	09/20/23 13:18 SAR	SM2540 G 2015	M166928	NEL
Total Kjeldahl Nitrogen as N	**382**	mg/kg dry		0.13	35.8	55.1	*Bryan*	09/26/23 12:30 KMA	SM4500-NH3 G 2011	M167117	ANR
Plant Available Parameters											
Total Nitrogen	**391**	mg/kg dry wt.			N/A	N/A	*Calc*	10/13/23 12:22 PMY	Calculation	M168062	ANR

Camp Longhorn Soil Inks Lake18-30 Inches

Collected: 09/19/23 08:00 by CLIENT
Received: 09/19/23 14:00 by Mark Asher
Type Grab | *Matrix* Solid | *C-O-C #* G031234

Lab ID# G031234-03	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
% Solids	**90.0**	g/100g (%)		0.10	0.10	0.10	*Austin*	09/20/23 13:18 SAR	SM2540 G 2015	M166928	NEL
Total Kjeldahl Nitrogen as N	**292**	mg/kg dry		0.13	35.6	54.7	*Bryan*	09/26/23 12:30 KMA	SM4500-NH3 G 2011	M167117	ANR
Plant Available Parameters											
Total Nitrogen	**300**	mg/kg dry wt.			N/A	N/A	*Calc*	10/13/23 12:22 PMY	Calculation	M168062	ANR

Explanation of Notes

C-02 Result confirmed by re-analysis.

BRYAN FACILITY
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Bryan, TX 77807
Phone: (979) 778-3707
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AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Revised

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 10/13/23 14:54

G031234

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
% Solids - SM2540 G 2015														*Austin*
Blank	<0.10	g/100g (%)		0.10	0.10	09/20/23 13:18 SAR							M166928	
Duplicate	91.6	%		0.100	0.100	09/20/23 13:18 SAR		90.4			1.27	5.81	M166928	
Duplicate	91.6	g/100g (%)		0.10	0.10	09/20/23 13:18 SAR		90.4			1.27	10	M166928	
Total Kjeldahl Nitrogen as N - SM4500-NH3 G 2011														*Bryan*
Initial Cal Check	9.12	mg/L				09/26/23 12:30 KMA	9.12		99.9	90 - 110			2309282	
Low Cal Check	0.20	mg/L				09/26/23 12:30 KMA	0.200		99.0	70 - 130			2309282	
Blank	<0.20	mg/kg wet		0.13	0.20	09/26/23 12:30 KMA							M167117	
LCS	8.53	mg/kg wet		0.13	0.20	09/26/23 12:30 KMA	8.00		107	85 - 115			M167117	
LCS Dup	8.36	mg/kg wet		0.13	0.20	09/26/23 12:30 KMA	8.00		104	85 - 115	2.08	10	M167117	
Matrix Spike	3980	mg/kg wet		53.7	82.6	09/26/23 12:30 KMA	3300	639	101	70 - 130			M167117	
Matrix Spike Dup	3930	mg/kg wet		53.7	82.6	09/26/23 12:30 KMA	3300	639	99.7	70 - 130	1.37	20	M167117	
Reference	977	mg/kg wet		32.3	49.7	09/26/23 12:30 KMA	1080		90.5	90 - 110			M167117	

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
G031234-01										
% Solids	SM2540 G 2015	9/20/23 13:18 SAR	Austin	C	10.0	g	10.0	mL	1	M166928
Subcontract	Sub Contract Data Entry	10/13/23 10:12 PMY	Bryan	-	-	-	-	-	-	M167787
Total Kjeldahl Nitrogen as N	SM4500-NH3 G 2011	9/25/23 9:10 KMA	Bryan	B	0.100	g	25.0	mL	1	M167117
Total Nitrogen	Calculation	10/13/23 12:22 PMY			1.00	g	1.00	mL	1	M168062
G031234-02										
% Solids	SM2540 G 2015	9/20/23 13:18 SAR	Austin	C	10.0	g	10.0	mL	1	M166928
Subcontract	Sub Contract Data Entry	10/13/23 10:12 PMY	Bryan	-	-	-	-	-	-	M167787
Total Kjeldahl Nitrogen as N	SM4500-NH3 G 2011	9/25/23 9:10 KMA	Bryan	B	0.100	g	25.0	mL	1	M167117
Total Nitrogen	Calculation	10/13/23 12:22 PMY			1.00	g	1.00	mL	1	M168062
G031234-03										
% Solids	SM2540 G 2015	9/20/23 13:18 SAR	Austin	C	10.0	g	10.0	mL	1	M166928
Subcontract	Sub Contract Data Entry	10/13/23 10:12 PMY	Bryan	-	-	-	-	-	-	M167787
Total Kjeldahl Nitrogen as N	SM4500-NH3 G 2011	9/25/23 9:10 KMA	Bryan	B	0.102	g	25.0	mL	1	M167117
Total Nitrogen	Calculation	10/13/23 12:22 PMY			1.00	g	1.00	mL	1	M168062

Chain-of-Custody and Analysis Request

AQUA-TECH LABORATORIES, INC

Client / Project Name: CAMP LONGHORN INKS LAKE
Camp Longhorn Inks Lake Soil REC

Contact Information
Name: ROBBY ROBERTSON
Address: NO 1 LONGHORN ROAD
City: BURNET
State: TX Zip: 78611
Phone: (512) 793-2811
email:

Definitions
DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

TCEQ LAB ID: T104704371

Aqua-Tech laboratories, Inc.

Austin: 3512 Montopolis Dr. Austin, TX 78744 512.301.9559
Bryan: 635 Phil Gramm Blvd. Bryan, TX 77807 979.778.3707

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # G031234
Page 1 of 1
rte_ATL COC 012723.rpt

Analyses Requested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].
Name format: Analysis-Matrix-Technology-Method.

[NEL] = NELAP accredited parameter
[SUB] = NELAP accredited subcontracted parameter
[CNR] = No NELAP accreditation required or available
[INF] = Informational only (not NELAC certified)

By relinquishing the samples listed below to Aqua-Tech laboratories, Inc. (ATL), the client agrees to the following terms. Samples will be analyzed by a method that is within ATL's NELAP fields of accreditation (FoA). Analytes requiring an accredited method that is not within ATL's FoA will be subcontracted to a NELAP lab that is accredited for that method. Clients will be notified of the subcontract lab's details. Other analytes not requiring accreditation will be analyzed by a compendial method. If a specific method is required, the client will note the method in the "Analysis Requested" column. The client approves all method modifications documented by ATL or the subcontract lab.
A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Comments:

G031234 - LAB RECEIPT - B01

Temperature - CT (C):	4.1
Preservation Correct:	Yes
Post-Preservatives:	N/A
Thermometer ID:	0715672
pH Paper ID:	0802385

rint\wko_A COC 042120.rpt

Sample Custody

Relinquished (print & sign)	Robby Robertson / Robby Robertson	☒ Sampler ☒ Client ☐ ATL Field	Date 9/19/23 Time 8 AM	☐ Iced / Refrig ☒ Custody Sealed
Received (print & sign)	Mark Asher	☐ Client ☒ ATL Field	Date 9-19-23 Time 1005	☒ Iced / Refrig ☒ CM / CTU
Relinquished (print & sign)		☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Received (print & sign)		☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign)	Mark Asher	☐ Client ☒ ATL Field	Date 09/19/23 Time 14:00	☐ Iced / Refrig ☐ CM / CTU / Sealed
Received (print & sign)	Mark Asher	X Lab	Date 09/19/23 Time 14:00	X Cond Good X Iced / Refrig ☐ CM / CTU

Field Sample ID	Start Date Time	End Date Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn Soil Inks Lake 0-6 Inches	9/19/23 8 AM	—	Comp Grab	S	☒ A [SUB] TAMU SL 0.5LP ☒ B SOIL TKN 0.25LP ☒ C SOIL TS 0.1L	G031234-01
A TS SL Grav SM2540 G [NEL] N Total TAMU CALC ENTRY [CNR] P TAMU Plant Available Mehlich 3 CNR [SUB] TKN SL AUTO SM4500 NH3 G [CNR]	Cond SL (1:2) Probe TAMU CNR [SUB] NH4 TAMU KCL extract CNR [SUB] Solids, Dry Weight Y Billing N Total Calc	N Total SL PKG TAMU [CNR] NO3N TAMU Extractable Mehlich 3 CNR [SUB] SUB pH SL TAMU (1:2) CNR [SUB] Y Billing Ship to Sub-Contract Lab				
Camp Longhorn Soil Inks Lake 6-18 Inches	9/19/23 8 AM	—	Comp Grab	S	☒ A [SUB] TAMU SL 0.5LP ☒ B SOIL TKN 0.25LP ☒ C SOIL TS 0.1L	G031234-02
A TS SL Grav SM2540 G [NEL] N Total TAMU CALC ENTRY [CNR] P TAMU Plant Available Mehlich 3 CNR [SUB] TKN SL AUTO SM4500 NH3 G [CNR]	Cond SL (1:2) Probe TAMU CNR [SUB] NH4 TAMU KCL extract CNR [SUB] Solids, Dry Weight Y Billing N Total Calc	N Total SL PKG TAMU [CNR] NO3N TAMU Extractable Mehlich 3 CNR [SUB] SUB pH SL TAMU (1:2) CNR [SUB]				
Camp Longhorn Soil Inks Lake18-30 Inches	9/19/23 8 AM	—	Comp Grab	S	☒ A [SUB] TAMU SL 0.5LP ☒ B SOIL TKN 0.25LP ☒ C SOIL TS 0.1L	G031234-03
A TS SL Grav SM2540 G [NEL] N Total TAMU CALC ENTRY [CNR] P TAMU Plant Available Mehlich 3 CNR [SUB] TKN SL AUTO SM4500 NH3 G [CNR]	Cond SL (1:2) Probe TAMU CNR [SUB] NH4 TAMU KCL extract CNR [SUB] Solids, Dry Weight Y Billing N Total Calc	N Total SL PKG TAMU [CNR] NO3N TAMU Extractable Mehlich 3 CNR [SUB] SUB pH SL TAMU (1:2) CNR [SUB]				

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aqua-Tech Laboratories, Inc.
635 Phil Gramm Blvd
BRYAN, TX 77807

Sample received on: 9/25/2023
Printed on: 10/3/2023
Area Represented: 5 acres

Brazos County
Laboratory Number: 640688
Customer Sample ID: G031234-01
Crop Grown: MINIMUM REQUIREMENT: WARM SEASON PERENNIAL GRASS

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	7.0	(5.8)	-	Neutral	
Conductivity	108	(-)	umho/cm	None CL*	
Nitrate-N	15	(-)	ppm**		10 lbs N/acre
Phosphorus	173	(50)	ppm		0 lbs P2O5/acre
Potassium	167	(130)	ppm		0 lbs K20/acre
Calcium	1,197	(180)	ppm		0 lbs Ca/acre
Magnesium	307	(50)	ppm		0 lbs Mg/acre
Sulfur	17	(13)	ppm		0 lbs S/acre
Sodium	72	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 tons 100ECCE/acre

Total N	0	ppm
Ammonium-N	12.8	ppm

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aqua-Tech Laboratories, Inc.
635 Phil Gramm Blvd
BRYAN, TX 77807

Sample received on: 9/25/2023
Printed on: 10/3/2023
Area Represented: 5 acres

Brazos County
Laboratory Number: 640689
Customer Sample ID: G031234-02
Crop Grown: MINIMUM REQUIREMENT: WARM SEASON PERENNIAL GRASS

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	6.9	(5.8)	-	Slightly Acid	
Conductivity	106	(-)	umho/cm	None	
Nitrate-N	9	(-)	ppm**	CL*	**20** lbs N/acre
Phosphorus	109	(50)	ppm		**0** lbs P2O5/acre
Potassium	118	(130)	ppm		**0** lbs K20/acre
Calcium	773	(180)	ppm		**0** lbs Ca/acre
Magnesium	219	(50)	ppm		**0** lbs Mg/acre
Sulfur	10	(13)	ppm		**5** lbs S/acre
Sodium	44	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** tons 100ECCE/acre
Total N	0		ppm		
Ammonium-N	6.5		ppm		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
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979-845-4816 (phone)
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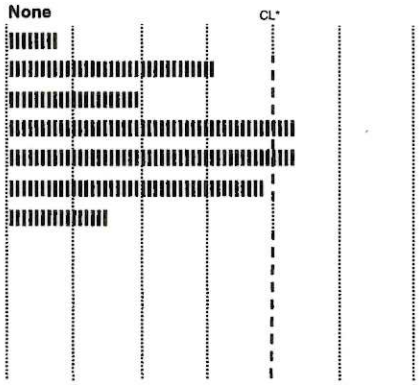
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aqua-Tech Laboratories, Inc.
635 Phil Gramm Blvd
BRYAN, TX 77807

Sample received on: 9/25/2023
Printed on: 10/3/2023
Area Represented: 5 acres

Brazos County
Laboratory Number: 640690
Customer Sample ID: G031234-03
Crop Grown: MINIMUM REQUIREMENT: WARM SEASON PERENNIAL GRASS

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	7.4	(5.8)	-	Slightly Alkaline	
Conductivity	105	(-)	umho/cm	None	
Nitrate-N	8	(-)	ppm**		**20** lbs N/acre
Phosphorus	27	(50)	ppm		**25** lbs P2O5/acre
Potassium	46	(130)	ppm		**25** lbs K20/acre
Calcium	1,013	(180)	ppm		**0** lbs Ca/acre
Magnesium	161	(50)	ppm		**0** lbs Mg/acre
Sulfur	11	(13)	ppm		**5** lbs S/acre
Sodium	71	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** tons 100ECCE/acre
Ammonium-N	4.5		ppm		



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

PmAnalysisVer. 2.19j

103338

AQUA-TECH LABORATORIES — Chain-of-Custody and Analysis Request

All analyses must be performed by a TNI approved method certified by the TCEQ. Contact ATL's sample custodian via voice and email if your methods do not meet this criteria.

Aqua-Tech laboratories, Inc.

Austin: 3512 Montopolis Dr. Suite A, Austin, TX 78744, 512.301.9559
Bryan: 635 Phil Gramm Blvd. Bryan, TX 77807, 979.778.3707

T104704371
TX239

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # 500 - G031234

sco_ATL TAMU 011921

SHIPPED TO
TAMU - Soil Lab
2610 F&B Road
College Station, TX 77845
Phone: (979) 845-4816

DEFINITIONS

P	Plastic
G	Glass
L	Liter
CM	Custody Maintained
CTU	Custody Transfer Unbroken
ATL	Aqua-Tech Laboratories, Inc

Comments: Bill FR 9-25-23

Please use Sample ID as PO# and email reports to reporting@aqua-techlabs.com.

Sample Custody

Relinquished (print & sign)	James Fitz	☐ Sampler ☐ Client ☒ ATL Field	Date 9-25-23 ☒ Iced / Refrig Time 1048 ☐ Custody Sealed
Received (print & sign)	James Fitz	☐ Client ☒ ATL Field	Date 9-25-23 ☒ Iced / Refrig Time 1048 ☒ CM / CTU
Relinquished (print & sign)		☐ Client ☐ ATL Field	Date ☐ Iced / Refrig Time ☐ CM / CTU
Received (print & sign)		☐ Client ☐ ATL Field	Date ☐ Iced / Refrig Time ☐ CM / CTU
Relinquished (print & sign)	James Fitz	☐ Client ☒ ATL Field	Date 9-25-23 ☒ Iced / Refrig Time 1116 ☒ CM / CTU / Sealed
Received (print & sign)	Tony Provin	☒ Lab	Date 9-25-23 ☐ Cond Good Time 11:16 ☐ Iced / Refrig ☐ CM / CTU

Lines below document condition at receipt in lab (shipped to) listed above.

Cooler ID	Temp Read (C)	Corrected Temp (C)	Thermometer ID	Please hold coolers for pick-up.
AQU 1				

Sample ID Sampled / Matrix	Analysis Request	(ATL indicates cooler number in parentheses for each container - only required if more than one cooler listed above.)	Lab ID
G031234-01 09/19/23 08:00 Soil 0640688	***Calculation*** Total N Calc ***Mehlich 3 - TAMU*** P Plant Available; NO3N Extractable ***N/A*** Total Nitrogen Calculation Fee ***TAMU - 1:2 Soil Extract*** pH; Conductivity (1:2) ***TAMU - KCl Extract*** NH4 - Ammonium	( ) G031234-01 [A] - [SUB] TAMU SL 0.5LP S1 TN M10 NH4 M8	

AQUA-TECH LABORATORIES, INC

Chain-of-Custody and Analysis Request

C-O-C # 500 - G031234

SHIPPED TO: TAMU - Soil Lab

Sample ID Sampled / Matrix	Analysis Request	(ATL indicates cooler number in parentheses for each container - only required if more than one cooler listed above.)	Lab ID
G031234-02 09/19/23 08:00 Soil 0840689	***Calculation*** Total N Calc ***Mehlich 3 - TAMU*** NO3N Extractable — P Plant Available ***TAMU - 1:2 Soil Extract*** pH — Conductivity (1:2) ***TAMU - KCl Extract*** NH4 - Ammonium	( ) G031234-02 [A] - [SUB] TAMU SL 0.5LP S1 M10 M8 TN NH4	
G031234-03 09/19/23 08:00 Soil 0840690	***Mehlich 3 - TAMU*** NO3N Extractable — P Plant Available ***TAMU - 1:2 Soil Extract*** pH — Conductivity (1:2) ***TAMU - KCl Extract*** NH4 - Ammonium	( ) G031234-03 [A] - [SUB] TAMU SL 0.5LP S1 M8 NH4	

Email information for report date:
11/12/22 18:32

F030305

CAMP LONGHORN INKS LAKE

Attn: ROBBY ROBERTSON
robby@camplonghorn.com

NO 1 LONGHORN ROAD
BURNET, TX 78611

ATL has improperly reported the field parameters pH, Chlorine, and DO as NEL Accredited.

ATL is accredited for these parameters when they are performed in the lab. These field parameters are now being reported with an ANR, "Accreditation not offered by the State of Texas," indicator.

There is no impact to the result values that have been previously reported.
Aqua-Tech values you as a customer and encourages you to speak with our staff at 979-778-3707 or samplingbryan@aqua-techlabs.com if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

CORPORATE OFFICE
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN OFFICE
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with TNI and/or through the TCEQ Drinking Water Commercial Laboratory Approval Program.

The following abbreviations indicate certification status:

NEL	TNI accredited parameter.
ANR	Accreditation not offered by the State of Texas.
DWP	Approval through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

T104704371-21-24

TCEQ DW Lab ID TX 239

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, Inc. personnel unless otherwise noted in the "Sample Collected" field of this report as "Client" or "CLT".

Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

All reports, raw data, and associated quality control data are kept on file for 10 years before being destroyed. Any client that would like copies of records must contact Aqua-Tech Laboratories, Inc. no later than six months prior to the scheduled disposal. An administrative fee for retrieval and distribution will apply.

This report was approved by:

June M. Brien, Technical Director

corp@aqua-techlabs.com www.aqua-techlabs.com

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Austin, TX 78744
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Fax: (512) 301-9552

Analytical Report

CAMP LONGHORN INKS LAKE

Report Printed: 11/12/22 18:32

F030305

See attached subcontract report for additional analysis and fertilizer recommendations.

Camp Longhorn Soil Inks Lake 0-6 Inches

Collected: 09/27/22 08:30 by CLIENT
Received: 09/27/22 13:40 by Mark Asher
Type Comp | *Matrix* Solid | *C-O-C #* F030305

Lab ID# F030305-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
% Solids	**92.3**	g/100g (%)		0.10	0.10	0.10	*Austin*	09/28/22 12:32 SR	SM2540 G 2015	M150766	NEL
Total Kjeldahl Nitrogen as N	**1040**	mg/kg dry		0.12	33.7	53.9	*Bryan*	10/03/22 12:45 KMA	SM4500-NH3 G 2011	M150855	ANR
Plant Available Parameters											
Total Nitrogen	**1070**	mg/kg dry wt.			N/A	N/A	*Calc*	11/12/22 18:17 PMY	Calculation	M152815	ANR

Camp Longhorn Soil Inks Lake 6-18 Inches

Collected: 09/27/22 08:30 by CLIENT
Received: 09/27/22 13:40 by Mark Asher
Type Comp | *Matrix* Solid | *C-O-C #* F030305

Lab ID# F030305-02	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
% Solids	**88.7**	g/100g (%)		0.10	0.10	0.10	*Austin*	09/28/22 12:32 SR	SM2540 G 2015	M150766	NEL
Total Kjeldahl Nitrogen as N	**1390**	mg/kg dry		0.12	35.2	56.3	*Bryan*	10/03/22 12:45 KMA	SM4500-NH3 G 2011	M150855	ANR
Plant Available Parameters											
Total Nitrogen	**1400**	mg/kg dry wt.			N/A	N/A	*Calc*	11/12/22 18:17 PMY	Calculation	M152815	ANR

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
% Solids - SM2540 G 2015														*Austin*
Blank	<0.10	g/100g (%)		0.10	0.10	09/28/22 12:32 SR							M150766	
Duplicate	16.8	%		0.100	0.100	09/28/22 12:32 SR		16.9			0.714	5.81	M150766	
Duplicate	16.8	g/100g (%)		0.10	0.10	09/28/22 12:32 SR		16.9			0.714	4.67	M150766	
Total Kjeldahl Nitrogen as N - SM4500-NH3 G 2011														*Bryan*
Blank	<0.20	mg/kg wet		0.12	0.20	10/03/22 12:45 KMA							M150855	
LCS	8.22	mg/kg wet		0.12	0.20	10/03/22 12:45 KMA	8.00		103	85 - 115			M150855	
LCS Dup	8.31	mg/kg wet		0.12	0.20	10/03/22 12:45 KMA	8.00		104	85 - 115	1.06	10	M150855	
Matrix Spike	3640	mg/kg dry		67.4	108	10/03/22 12:45 KMA	2160	1040	121	70 - 130			M150855	
Matrix Spike Dup	3590	mg/kg dry		67.4	108	10/03/22 12:45 KMA	2160	1040	118	70 - 130	2.07	20	M150855	
MRL Check	0.23	mg/kg wet		0.12	0.20	10/03/22 12:45 KMA	0.200		114	50 - 150			M150855	
Reference	6.76	mg/kg wet		0.12	0.20	10/03/22 12:45 KMA	6.37		106	90 - 110			M150855	

CORPORATE OFFICE
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

AUSTIN OFFICE
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
F030305-01										
% Solids	SM2540 G 2015	9/28/22 12:32 SR	Austin	A	10.0	g	10.0	mL	1	M150766
Subcontract	Sub Contract Data Entry	11/12/22 18:14 PMY	Bryan	-	-	-	-	-	-	M152814
Total Kjeldahl Nitrogen as N	SM4500-NH3 G 2011	9/29/22 11:55 VML	Bryan	B	0.100	g	25.0	mL	1	M150855
Total Nitrogen	Calculation	11/12/22 18:17 PMY			1.00	g	1.00	mL	1	M152815
F030305-02										
% Solids	SM2540 G 2015	9/28/22 12:32 SR	Austin	A	10.0	g	10.0	mL	1	M150766
Subcontract	Sub Contract Data Entry	11/12/22 18:14 PMY	Bryan	-	-	-	-	-	-	M152814
Total Kjeldahl Nitrogen as N	SM4500-NH3 G 2011	9/29/22 11:55 VML	Bryan	B	0.100	g	25.0	mL	1	M150855
Total Nitrogen	Calculation	11/12/22 18:17 PMY			1.00	g	1.00	mL	1	M152815

AQUA-TECH LABORATORIES, INC.

Chain-of-Custody and Analysis Request

Client / Project Name: CAMP LONGHORN INKS LAKE
Camp Longhorn Inks Lake Soil REC

Contact Information
Name ROBBY ROBERTSON
Address NO 1 LONGHORN ROAD
City BURNET
State TX Zip 78611
Phone (512) 793-2811
email

Definitions
DW Drinking Water
NP Non-Potable Water
S Solid
CM Custody Maintained
CTU Custody Transfer Unbroken
CT Corrected Temperature

Reagent tracking is available upon request.

T104704371
TX239

Aqua-Tech laboratories, Inc.

Austin
3512 Montopolis Dr.
Austin, TX 78744
512.301.9559

Bryan
635 Phil Gramm Blvd.
Bryan, TX 77807
979.778.3707

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # F030305
Page 1 of 1

rle_ATL COC 102720.rpt

Analyses Rerquested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].
Name format: Analysis-Matrix-Technology-Method.

[NEL] = NELAP accredited parameter
[SUB] = NELAP accredited subcontracted parameter
[CNR] = No NELAP accreditation required or available
[INF] = Informational only (not NELAC certified)

By relinquishing the samples listed below to Aqua-Tech laboratories, Inc. (ATL), the client agrees to the following terms. Samples will be analyzed by a method that is within ATL's NELAP fields of accreditation (FoA). Analytes requiring an accredited method that is not within ATL's FoA will be subcontracted to a NELAP lab that is accredited for that method. Clients will be notified of the subcontract lab's details. Other analytes not requiring accreditation will be analyzed by a compendial method. If a specific method is required, the client will note the method in the "Analysis Requested" column. The client approves all method modifications documented by ATL or the subcontract lab.
A current list of ATL's NELAC fields of accreditation and other methods are available on request.

Sample Custody

	Name (print & sign)		Date / Time	
Relinquished	Robby Robertson [signature]	☐ Sampler ☒ Client ☐ ATL Field	Date 9-27-22 Time	☐ Iced / Refrig ☒ Custody Sealed
Received	Mark Ashen [signature]	☐ Client ☒ ATL Field	Date 9.27.22 Time 1010	☒ Iced / Refrig ☒ CM / CTU
Relinquished	[struck through]	☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Received	[struck through]	☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Relinquished	Mark Ashen Mark Asher [signature]	☐ Client ☒ ATL Field	Date 9/28/22 Time 13:30	☒ Iced / Refrig ☒ CM / CTU / Sealed
Received	Mark Ashen Mark Asher [signature]	Lab	Date 9-28-22 Time 13:30	Cond Good, Iced / Refrig, CM / CTU

Comments: 18-30 NOT ATTAINABLE (ROCK) IN THIS SAMPLE

F030305 - LAB RECEIPT - Y008
Temperatue - CT (C): 1.14
Preservation Correct: Y Yes
Post-Preservatives: N/A N/A
Thermometer ID: 0 T068765
pH Paper ID: — N/A
rlnWks_ACOC 042120.rpt

Field Sample ID	Start Date	Start Time	End Date	End Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Camp Longhorn Soil Inks Lake 0-6 Inches	9-27-22	8Am	9-27-22	8:30Am	Comp	S	☒ A ~~1 gal Plastic Bag~~ 0.5LP	F030305-01
A TS SL Grav SM2540 G [NEL]; N Total TAMU CALC ENTRY [CNR]; P TAMU Plant Available Mehlich 3 CNR [SUB]; TKN SL AUTO SM4500 NH3 G [CNR]; Cond SL (1:2) Probe TAMU CNR [SUB]; NH4 TAMU KCL extract CNR [SUB]; Solids, Dry Weight; Y Billing N Total Calc; N Total SL PKG TAMU [CNR]; NO3N TAMU Extractable Mehlich 3 CNR [SUB]; SUB pH SL TAMU (1:2) CNR [SUB]; Y Billing Ship to Sub-Contract Lab								
Camp Longhorn Soil Inks Lake 6-18 Inches	9-27-22	8Am	9-27-22	830Am	Comp	S	☒ A ~~1 gal Plastic Bag~~ 0.5LP; *(2) wrong containers	F030305-02
A TS SL Grav SM2540 G [NEL]; N Total TAMU CALC ENTRY [CNR]; P TAMU Plant Available Mehlich 3 CNR [SUB]; TKN SL AUTO SM4500 NH3 G [CNR]; Cond SL (1:2) Probe TAMU CNR [SUB]; NH4 TAMU KCL extract CNR [SUB]; Solids, Dry Weight; Y Billing N Total Calc; N Total SL PKG TAMU [CNR]; NO3N TAMU Extractable Mehlich 3 CNR [SUB]; SUB pH SL TAMU (1:2) CNR [SUB]								
Camp Longhorn Soil Inks Lake18-30 Inches	~~9-27-22~~	~~8Am~~	~~9-27-22~~	~~830Am~~	~~Comp~~	S	☐ A 1 gal Plastic Bag [struck through]	~~F030305-03~~
A TS SL Grav SM2540 G [NEL]; N Total TAMU CALC ENTRY [CNR]; P TAMU Plant Available Mehlich 3 CNR [SUB]; TKN SL AUTO SM4500 NH3 G [CNR]; Cond SL (1:2) Probe TAMU CNR [SUB]; NH4 TAMU KCL extract CNR [SUB]; Solids, Dry Weight; Y Billing N Total Calc; N Total SL PKG TAMU [CNR]; NO3N TAMU Extractable Mehlich 3 CNR [SUB]; SUB pH SL TAMU (1:2) CNR [SUB]								

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aqua-Tech Laboratories, Inc.
635 Phil Gramm Blvd
BRYAN, TX 77807

Sample received on: 9/29/2022
Printed on: 10/25/2022
Area Represented: 5 acres

Brazos County
Laboratory Number: 615074
Customer Sample ID: F030305-01C
Crop Grown: BLUESTEM (GRAZING OR HAY)

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	7.6	(5.8)	-	Slightly Alkaline	
Conductivity	292	(-)	umho/cm	None	
Nitrate-N	30	(-)	ppm**		0 lbs N/acre
Phosphorus	189	(50)	ppm		0 lbs P2O5/acre
Potassium	996	(125)	ppm		0 lbs K20/acre
Calcium	7,712	(180)	ppm		0 lbs Ca/acre
Magnesium	659	(50)	ppm		0 lbs Mg/acre
Sulfur	11	(13)	ppm		5 lbs S/acre
Sodium	75	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 tons 100ECCE/acre
Ammonium-N	18.0		ppm		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 30 lbs/A of nitrogen prior to each four to six week graze down..

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aqua-Tech Laboratories, Inc.
635 Phil Gramm Blvd
BRYAN, TX 77807

Sample received on: 9/29/2022
Printed on: 10/25/2022
Area Represented: 5 acres

Brazos County
Laboratory Number: 615075
Customer Sample ID: F030305-02C
Crop Grown: BLUESTEM (GRAZING OR HAY)

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	7.8	(5.8)	-	Mod. Alkaline	
Conductivity	211	(-)	umho/cm	None	
Nitrate-N	15	(-)	ppm**		**10** lbs N/acre
Phosphorus	56	(50)	ppm		**0** lbs P2O5/acre
Potassium	615	(125)	ppm		**0** lbs K20/acre
Calcium	8,533	(180)	ppm		**0** lbs Ca/acre
Magnesium	475	(50)	ppm		**0** lbs Mg/acre
Sulfur	14	(13)	ppm		**0** lbs S/acre
Sodium	91	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** tons 100ECCE/acre
Ammonium-N	8.1		ppm		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 30 lbs/A of nitrogen prior to each four to six week graze down..

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP, and B/hot water by ICP.

ProAnalysisVer. 2.19j

AQUA-TECH LABORATORIES — Chain-of-Custody and Analysis Request

All analyses must be performed by a TNI approved method certified by the TCEQ. Contact ATL's sample custodian via voice and email if your methods do not meet this criteria.

Aqua-Tech laboratories, Inc.

Austin	Bryan
3512 Montopolis Dr. Suite A Austin, TX 78744 512.301.9559	635 Phil Gramm Blvd. Bryan, TX 77807 979.778.3707

T104704371
TX239

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # **987 - F030305**

Page 1 of 1

sco_ATL TAMU 011921

SHIPPED TO
TAMU - Soil Lab
2610 F&B Road
College Station, TX 77845
Phone: (979) 845-4816

DEFINITIONS

P	Plastic
G	Glass
L	Liter
CM	Custody Maintained
CTU	Custody Transfer Unbroken
ATL	Aqua-Tech Laboratories, Inc

Comments:

Please use Sample ID as PO# and email reports to reporting@aqua-techlabs.com.

Sample Custody

Relinquished (print & sign)	Kelly Gutowski	☐ Sampler ☐ Client ☑ ATL Field	Date 9/27/22 ☑ Iced / Refrig Time 1500 ☑ Custody Sealed
Received (print & sign)	Michelle Barnes	☐ Client ☐ ATL Field	Date 9.28.22 ☑ Iced / Refrig Time 10:45 ☑ CM / CTU
Relinquished (print & sign)	Nick Gomez	☐ Client ☑ ATL Field	Date 9.29.22 ☑ Iced / Refrig Time 0729 ☑ CM / CTU
Received (print & sign)		☐ Client ☐ ATL Field	Date ☐ Iced / Refrig Time ☐ CM / CTU
Relinquished (print & sign)		☐ Client ☐ ATL Field	Date ☐ Iced / Refrig Time ☐ CM / CTU / Sealed
Received (print & sign)	Jeff Waskom	☒ Lab	Date 9.29 Time 8:00AM ☑ Cond Good ☑ Iced / Refrig ☑ CM / CTU

Lines below document condition at receipt in lab (shipped to) listed above.

Cooler ID	Temp Read (C)	Corrected Temp (C)	Thermometer ID	Please hold coolers for pick-up.

Sample ID Sampled / Matrix	Analysis Request	(ATL indicates cooler number in parentheses for each container - only required if more than one cooler listed above.)	Lab ID
F030305-01 09/27/22 08:30 Soil	***Mehlich 3 - TAMU*** P Plant Available — NO3N Extractable ***TAMU - 1:2 Soil Extract*** pH — Conductivity (1:2) ***TAMU - KCl Extract*** NH4 - Ammonium	( ) F030305-01 [C] - SOIL 0.25LP	
F030305-02 09/27/22 08:30 Soil	***Mehlich 3 - TAMU*** P Plant Available — NO3N Extractable ***TAMU - 1:2 Soil Extract*** pH — Conductivity (1:2) ***TAMU - KCl Extract*** NH4 - Ammonium	( ) F030305-02 [C] - SOIL 0.25LP	

Candice Calhoun

From: Robin Butcko <robin@permittingservices.net>
Sent: Tuesday, July 2, 2024 11:46 AM
To: Candice Calhoun
Cc: Matt Manning
Subject: Re: Application to Renew Permit No. WQ0013460001; Camp Longhorn Capital, Inc.
Attachments: Inks Lake NOD Response Documents (7-2-24).pdf; wq0013460001-nod1.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Candice,

I hope you are doing well. Please see the attached NOD Response Documents.

Thank you for your time and effort in reviewing the documents.

Regards,
Robin

Robin Butcko
President & CEO
6425 Bankside Drive
Suite 2111
Houston, TX 77096

713-458-8612
robin@permittingservices.net
www.permittingservices.net

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Thursday, June 20, 2024 1:35 PM
To: Robin Butcko <robin@permittingservices.net>
Cc: matt@camplonghorn.com <matt@camplonghorn.com>
Subject: FW: Application to Renew Permit No. WQ0013460001; Camp Longhorn Capital, Inc.

My apologies,

I have attached the correct NOD.

Candice Calhoun
Texas Commission on Environmental Quality
Water Quality Division
512-239-4312
candice.calhoun@tceq.texas.gov

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

---

From: Candice Calhoun
Sent: Thursday, June 20, 2024 1:21 PM
To: Robin Butcko <robin@permittingservices.net>
Cc: matt@camplonghorn.com
Subject: Application to Renew Permit No. WQ0013460001; Camp Longhorn Capital, Inc.
Importance: High

Good afternoon, Mrs. Butcko,

The attached Notice of Deficiency letter dated **June 20, 2024,** requests additional information needed to declare the application administratively complete. Please send complete response by **July 4, 2024.**

Please let me know if you have any questions.

Regards,

Candice Calhoun
Texas Commission on Environmental Quality
Water Quality Division
512-239-4312
candice.calhoun@tceq.texas.gov

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

Candice Calhoun

From: Robin Butcko <robin@permittingservices.net>
Sent: Saturday, July 13, 2024 7:47 PM
To: Candice Calhoun
Cc: Matt Manning
Subject: Fw: WQ0013460001- Camp Longhorn capital, Inc.; Inks Lake WWTP - Second Notice of Deficiency Letter
Attachments: Inks Lake USGS Map.pdf; Plant Site (7-13-24).pdf; Inks Lake Core Data Form (6-24-24).docx

Follow Up Flag: Follow up
Flag Status: Completed

Candice,

The Core Data Form has been revised to have the Federal Tax ID. That's all that Matt gave me. I hope it works for you.

Let me know what to do about the location. The physical address is 1 Longhorn Rd., Burnet, TX 78611 in Llano County.

Regards,
Robin

Robin Butcko
President & CEO
6425 Bankside Drive
Suite 2111
Houston, TX 77096

713-458-8612
robin@permittingservices.net
www.permittingservices.net

From: Robin Butcko <robin@permittingservices.net>
Sent: Saturday, July 13, 2024 7:36 PM
To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Cc: Matt Manning <matt@camplonghorn.com>
Subject: Re: WQ0013460001- Camp Longhorn capital, Inc.; Inks Lake WWTP - Second Notice of Deficiency Letter

Hello Candice,

I am working on getting the missing information for the Core Data Form. Tax ID #'s. I am not quite sure about getting distance from nearest intersection for Inks Lake. This is something that has never been done before. Even in the last permit it was described as it is written in the Core Data form and SPIF Form for location of the plant.

Item 2D of the Administrative Form was verified that is the physical location of the Llano County Courthouse. So, no changes were made.

As for the USGS Map there is no discharge route as this is a TLAP Permit. I have attached the USGS Map that was submitted during Andrew Gordon's review.

Stand by for the Tax ID #'s and revised Core Data Form.

Regards,
Robin

Robin Butcko
President & CEO
6425 Bankside Drive
Suite 2111
Houston, TX 77096

713-458-8612
robin@permittingservices.net
www.permittingservices.net

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Monday, July 8, 2024 9:06 AM
To: Robin Butcko <robin@permittingservices.net>
Cc: Matt Manning <matt@camplonghorn.com>
Subject: WQ0013460001- Camp Longhorn capital, Inc.; Inks Lake WWTP - Second Notice of Deficiency Letter

Good morning, Ms. Butcko,

The attached Notice of Deficiency letter dated **July 8, 2024,** requests additional information needed to declare the application administratively complete. Please send complete response by **July 12, 2024.**

Please let me know if you have any questions.

Regards,

Candice Calhoun
Texas Commission on Environmental Quality
Water Quality Division
512-239-4312
candice.calhoun@tceq.texas.gov

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

Candice Calhoun

From: Robin Butcko <robin@permittingservices.net>
Sent: Monday, July 15, 2024 2:42 PM
To: Candice Calhoun
Cc: Matt Manning
Subject: Re: WQ0013460001- Camp Longhorn capital, Inc.; Inks Lake WWTP - Second Notice of Deficiency Letter

Hello Candice,

Yes, that's the correct address. We confirm it and want to use the address.

Thank you,
Robin

Robin Butcko
President & CEO
6425 Bankside Drive
Suite 2111
Houston, TX 77096

713-458-8612
robin@permittingservices.net
www.permittingservices.net

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Monday, July 15, 2024 2:13 PM
To: Robin Butcko <robin@permittingservices.net>
Cc: Matt Manning <matt@camplonghorn.com>
Subject: RE: WQ0013460001- Camp Longhorn capital, Inc.; Inks Lake WWTP - Second Notice of Deficiency Letter

Good afternoon, Ms. Butcko,

Thank you for your response.

Regarding the location, 1 Longhorn Road, Burnet, Texas 78611, was not able to be verified, however, I was able to locate a 1 Longhorn Blvd, Burnet, Texas 78611, which seems to be the entrance to facility. If you would like to utilize that address, please confirm. If not, please provide an updated physical address, or provide a description to the regulated entity by using feet or miles from a major road intersection.

Please let me know if you have any questions.

Regards,

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission *(If other is checked please describe in space provided.)*

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.)*

☒ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number *(if issued)*
CN 600797229		RN 101522860

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* *If new Customer, enter previous Customer below:*

Camp Longhorn Capital Inc.

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
79481000	17424128589	742629716	

11. Type of Customer: ☒ Corporation ☐ Individual Partnership: ☐ General ☒ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☒ Operator ☐ Owner & Operator ☐ Other:
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant

15. Mailing Address:

1 Longhorn Road

City	Burnet	State	TX	ZIP	78611	ZIP + 4	2800

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	matt@camplonghorn.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(830) 613-1111		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Inks Lake Wastewater Treatment Facility

23. Street Address of the Regulated Entity: *(No PO Boxes)*								
	City		**State**		**ZIP**		**ZIP + 4**	
24. County	Llano County							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	The wastewater treatment facility and disposal site are located at 1 Longhorn Road, immediately west of Inks Lake, in Llano County, Texas 78611				
26. Nearest City			**State**		**Nearest ZIP Code**
Burnet			TX		78611

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:	30.74203˚ N		**28. Longitude (W) In Decimal:**	-98.37772˚ W	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
7032		721214	

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Wastewater Treatment

34. Mailing Address:								
	1 Longhorn Road							
	City	**Burnet**	**State**	**TX**	**ZIP**	**78611**	**ZIP + 4**	

35. E-Mail Address:	**matt@camplonghorn.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(830) 613-1111		**( ) -**

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0013460001			

SECTION IV: Preparer Information

40. Name:	Robin Butcko	**41. Title:**	Senior Wastewater Manager

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(713 **)** 458-8612		**( ) -**	robin@permittingservices.net

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Camp Longhorn Capital, Inc.	**Job Title:**	Operator
Name *(In Print):*	Matt Manning	**Phone:**	**(** 830 **)** 613- **1111**
Signature:		**Date:**	

Permitting Services, LLC
6425 Bankside Drive, Suite 2111
Houston, TX 77096
robin@permittingservices.net
Tel. 713-458-8612

July 2, 2024

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC148)
P.O. Box 13087
Austin, TX 78711-3087
ATTN: Ms. Candice Calhoun

Re: Application to Renew Permit No. WQ0013460001
Customer Number: CN600797229
Regulated Entity Number: RN101522860

Dear Ms. Calhoun,

The following is my response to the Notice of Deficiency Letter for Camp Longhorn Capital Inc., the Inks Lake Wastewater Treatment Center.

Comment #1. Core Data Form Section II, Item 7-9 – The SOS/CPA filing number and tax ID number were inadvertently left blank. Item 11, the type of customer, was answered as "Corporation". In order to verify the Corporation details, the filing number and tax ID number are required. Please provide an updated core data form, to show the filing and tax ID numbers. Section III, Item 23-24 – The physical address of the entity provided differs from the current permit, as well as does not match up to the site coordinates. Please provide an updated core data form with an updated physical address or provide a description to the physical location. The description must include the distance in feet or miles from road intersections. *I have revised the Core Data Form and emailed it to Candice.calhoun@tceq.texas.gov.*

Comment #2. Administrative Report 1.0 Section 8, Item D – The physical address provided for the public viewing location was not able to be verified. Please provide the correct physical address, for the public viewing location, or provide information for a new public viewing location. *I revised the Administrative Report Section 8. Item D. pg.7 and it has been emailed to Candice Calhoun, TCEQ Representative.*

Comment #3 USGS Topographic Map The USGS Topographic Map provided was illegible. Please submit an e-copy of the USGS Topographic Map with the applicable items from the following requirements for USGS maps: Applicant's property boundary; Treatment facility boundary; Labeled point of discharge; Highlighted discharge route for 3 miles downstream or until it reaches a classified segment; 1 mile radius; Effluent disposal site(s); Sludge disposal/land

application site; and all ponds. *I prepared a USGS Map and it has been emailed to Candice Calhoun, TCEQ Representative.*

Comment #3. The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

APPLICATION. Camp Longhorn Capital, Inc., 1 Longhorn Road, Burnet, Texas 78611, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0013460001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 30,000 gallons per day in the months of June through August and at a volume not to exceed a daily average flow of 2,100 gallons per day in the months of September through May, via surface irrigation of 5 acres of non-public access perennial pasture land. The domestic wastewater treatment facility and disposal area are located at PENDING APPLICANT RESPONSE, near the city of Burnet, in Llano County, Texas ZIP PENDING. TCEQ received this application on June 14, 2024. The permit application will be available for viewing and copying at Llano County Courthouse, Front Entrance, PENDING APPLICANT RESPONSE, Llano, in Llano 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=-98.382222,30.740555&level=18

Further information may also be obtained from Camp Longhorn Capital, Inc. at the address stated above or by calling Mrs. Robin Butcko, B.B.A., Permitting Services, Inc., at 713-4588612.

I have read the above Notice of Receipt of Application and Intent to Obtain a Water Quality Permit and do not see any errors or omissions.

I appreciate your time and effort in reviewing my Notice of Deficiencies. If you have any questions, please contact me at (713) 458-8612, or via email at robin@permittingservices.net.

Yours truly,

Robin Butcko

Robin Butcko
Senior Wastewater Consultant
(713) 458-8612
robin@permittingservices.net

Credential (P.E, P.G., Ph.D., etc.): BBA

Title: Senior Wastewater Consultant

Organization Name: Permitting Services, LLC

Phone No.: 713-458-8612 Ext.: [redacted]

E-mail: robin@permittingservices.net

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Llano County Courthouse

Location within the building: Front Entrance

Physical Address of Building: 801 Ford Steet

City: Llano County: Llano

Contact Name: County Clerk

Phone No.: 325-247-7730 Ext.: [redacted]

E. Bilingual Notice Requirements:

This information **is required** for **new, major amendment, minor amendment or minor modification, and renewal applications**.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

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

   ☐ Yes ☒ No

   If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

   ☐ Yes ☐ No

3. Do the students at these schools attend a bilingual education program at another location?

   ☐ Yes ☐ No

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
The National Map
US Topo
KINGSLAND QUADRANGLE
TEXAS
7.5-MINUTE SERIES
Pond #2
Pond #1
Irrigation Area
discharge Permit
Property Line
3 mile discharge pt.
3 mile radius
KINGSLAND
Long Mtn
Backbone Ridge
Bald Knob
Backbone Mtn
Shirley Williams Airport
Kingsland Estates Airport
Cave Longhorn Airport
Kingsland Cem
Murchison Cem
Hoovers Valley Cem
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.
Imagery.....NAIP, August 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Names.....GNIS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2021
Boundaries.....multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available
SCALE 1:24 000
KILOMETERS
METERS
MILES
FEET
CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard.
UTM GRID AND 2019 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
TEXAS
QUADRANGLE LOCATION
ADJOINING QUADRANGLES
1 Lone Grove
2 Lake Buchanan
3 Council Creek
4 Cap Mountain
5 Longhorn Cavern
6 Click
7 Dunman Mountain
8 Marble Falls
ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route
KINGSLAND, TX
2022

☐ Yes ☐ No

If **yes**, indicate by a check mark if:

☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Attachment:

D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge.

Section 11. TLAP Disposal Information (Instructions Page 36)

A. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

☒ Yes ☐ No

If **no, or a new or amendment permit application**, provide an accurate description of the disposal site location:

B. City nearest the disposal site: Burnet

C. County in which the disposal site is located: Llano

D. Disposal Site Latitude: 30.74203° N Longitude: -98.37772° W

E. For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

Northeast 100 yards to irrigation site

F. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:

Inks Lake

Section 12. Miscellaneous Information (Instructions Page 37)

A. Is the facility located on or does the treated effluent cross American Indian Land?

- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1 mile 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 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
57-22-206	Withdrawal of Water	Y	open	Maintained buffer distance
57-22-207	Withdrawal of Water	Y	open	Maintained buffer distance
287756	Domestic	N	cased	Maintained buffer distance
10436	Domestic	N	cased	Maintained buffer distance
57-22-403	Stock	Y	open	Maintained buffer distance
57-22-502	Domestic	Y	Open	Maintained buffer distance
57-22-503	Domestic	Y	Open	Maintained buffer distance
57-22-504	Stock	Y	Open	Maintained buffer distance

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
319337	Domestic	Y	Open	Maintained buffer distance
477706	Domestic	Y	Open	Maintained buffer distance
127479	Domestic	Y	Open	Maintained buffer distance
515363	Domestic	Y	Open	Maintained buffer distance
219031	Domestic	Y	Open	Maintained buffer distance
277220	Domestic	Y	Open	Maintained buffer distance
135885	Domestic	Y	Open	Maintained buffer distance
989	Withdrawal of water	Y	Plugged	Plugging is the best maintenance distance
369257	Domestic	Y	Open	Maintained buffer distance

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

Attachment: J

Section 7. Groundwater Quality (Instructions Page 79)

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: J

Are groundwater monitoring wells available onsite? Yes ☐ No ☐

- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1 mile 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 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
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57-22-207	Withdrawal of Water	Y	open	Maintained buffer distance
287756	Domestic	N	cased	Maintained buffer distance
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57-22-403	Stock	Y	open	Maintained buffer distance
57-22-502	Domestic	Y	Open	Maintained buffer distance
57-22-503	Domestic	Y	Open	Maintained buffer distance
57-22-504	Stock	Y	Open	Maintained buffer distance

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
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477706	Domestic	Y	Open	Maintained buffer distance
127479	Domestic	Y	Open	Maintained buffer distance
515363	Domestic	Y	Open	Maintained buffer distance
219031	Domestic	Y	Open	Maintained buffer distance
277220	Domestic	Y	Open	Maintained buffer distance
135885	Domestic	Y	Open	Maintained buffer distance
989	Withdrawal of water	Y	Plugged	Plugging is the best maintenance distance
369257	Domestic	Y	Open	Maintained buffer distance

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

Attachment: J

Section 7. Groundwater Quality (Instructions Page 79)

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: J

Are groundwater monitoring wells available onsite? Yes ■ No ■

GROUND WATER MONITORING REPORT

ATTACHMENT O

The Camp of Longhorn Capital Inc. owns the Camp Longhorn Inks Lake Wastewater Treatment Facility and disposal sites they are located 10 miles west of Burnet, Texas in Burnet, and Llano Counties Texas. The address is 1 Longhorn Road, immediately west of Inks Lake, In Llano County, Texas 78611. Water is generally good in the Inks Lake basin for the location of the wells.

Inks Lake Wastewater Treatment Center is located in the South-Central part of Texas. It is composed of Keese-Rock outcrop complex, 8 to 35 percent slopes, stony particles.

Per the Domestic Worksheet Table 3.0(3) – Water Well Data, there appear to be wells within a 150 feet mile radius of the irrigation site boundaries. Total depths for these wells varied from 350 to more than 1,000 feet occurring in the counties of Llano, Blanco and Burnet.

Soil Health Properties are in good condition. There is available water, Bulk Density, One-Third Bar, Organic Matter, Sodium Adsorption Ratio (SAR), Soil Reaction (pH) and Surface Texture.

Land use in the area is typically agricultural for irrigation, livestock, and other domestic purposes. The Inks Lake Wastewater Treatment Facility applies treated domestic wastewater from their wastewater treatment facility pursuant to 30 TAC 285. There are no oilfield activities in the immediate area of the facility. Accordingly, degradation products of wastewater (sulfate and chlorine concentrations) are the primary concern in affecting ground water in the area.

The Erosion factors in the Inks Lake River Basin are K factor Rock Free, K Factor Whole Soil, T Factor, Wind Erodibility Group and Wind Erodibility Index.

This concludes the Ground Water Report for Camp Longhorn Capital Inc. for Inks Lake Wastewater Treatment Facility.

USGS science for a changing world

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map US Topo

KINGSLAND QUADRANGLE
TEXAS
7.5-MINUTE SERIES

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid:Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery..........NAIP, August 2016 - November 2016
Roads..........U.S. Census Bureau, 2015 - 2018
Names..........GNIS, 1979 - 2021
Hydrography..........National Hydrography Dataset, 2002 - 2018
Contours..........National Elevation Dataset, 2021
Boundaries..........Multiple sources; see metadata file 2019 - 2021
Wetlands..........FWS National Wetlands Inventory Not Available

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

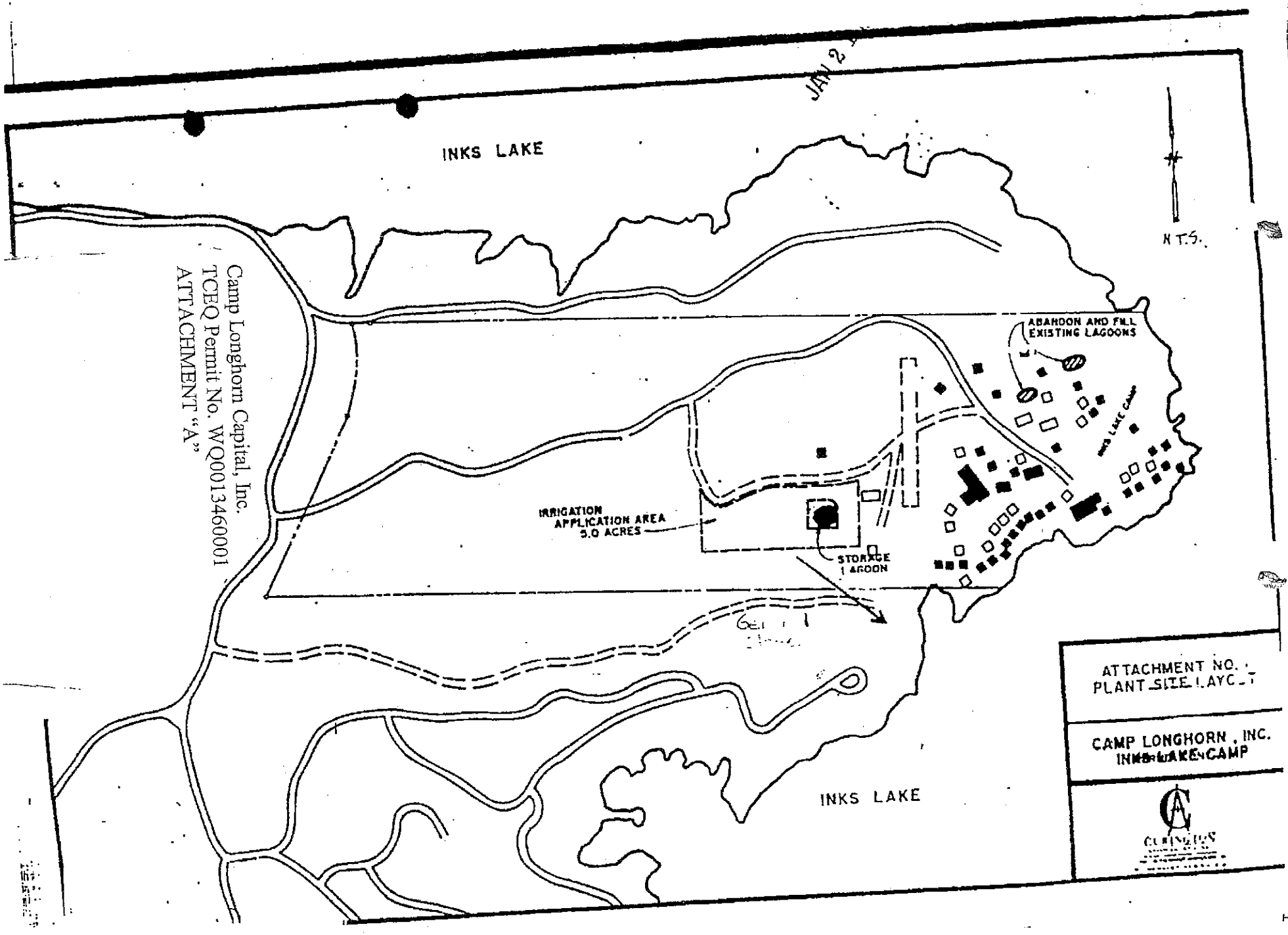
QUADRANGLE LOCATION

1 Lake Grove
2 Lake Buchanan
3 Council Creek
4 Cap Mountain
5 Longhorn Cavern
6 Click
7 Dunman Mountain
8 Marble Falls

ADJOINING QUADRANGLES

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route

KINGSLAND, TX
2022



Camp Longhorn Capital, Inc.
TCEQ Permit No. WQ0013460001
ATTACHMENT "A"