Administrative Package Cover Page

This file contains the following documents:

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

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

1. Resumen en lenguaje sencillo (PLS, por sus siglas en inglés) de la actividad propuesta
   - Inglés
   - Idioma alternativo (español)
2. Primer aviso (NORI, por sus siglas en inglés)
   - Inglés
   - Idioma alternativo (español)
3. Solicitud original

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

Titan Production Equipment LLC (CN605551720) operates Titan PEQ Columbus (Alleyton Plant) (RN100928696), an Oil and Gas Production Machinery Manufacturing facility. The facility is located at 2207 Farm-to-Market Road 949, in Alleyton, Colorado County, Texas 78935. This application is for permit renewal without changes. *<<For TLAP applications include the following sentence, otherwise delete:>>* This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain BOD, suspended solids, ammonia, sulfate, nitrate, chloride, phosphorous, pH, E. Coli, and Dissolved solids. Domestic Wastewater is treated by Extended aeration with surface application disposal including bar screens, equalization tank, aeration basin, final clarifier, digester, effluent holding pond, and spray irrigation.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES INDUSTRIALES **/AGUAS PLUVIALES**

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 es una representación ejecutiva fedérale de la solicitud de permiso.

Titan Production Equipment LLC (CN605551720) opera Titan PEQ Columbus (Alleyton Plant) RN100928696, una Planta de Fabricación de maquinaria de producción de petróleo y gas. La instalación está ubicada en 2207 Farm-to-Market Road 949, en Alleyton, Condado de Colorado, Texas 78935. Esta solicitud es para la renovación del permiso sin cambios. *<<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>>* Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan DBO, sólidos en suspensión, amoníaco, sulfato, nitrato, cloruro, fósforo, pH, E. coli y sólidos disueltos. Aguas residuales domesticos. está tratado por Aireación extendida con eliminación de aplicaciones superficiales que incluye pantallas de barras, tanque de ecualización, cuenca de aireación, clarificador final, digestor, estanque de retención de efluentes y riego por aspersión.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0011975001

APPLICATION. Titan Production Equipment, LLC, 2207 Farm-to-Market Road 949, Alleyton, Texas 78935, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0011975001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 6,000 gallons per day via surface irrigation of 10 acres of non-public access pastureland. The domestic wastewater treatment facility and disposal area are located at 2207 Farm-to-Market Road 949, in Colorado County, Texas 78935. TCEQ received this application on July 18, 2024. The permit application will be available for viewing and copying at Nesbitt Memorial Library, 529 Washington Street, Columbus, in Colorado 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=-96.423888,29.726388&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications.

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 Titan Production Equipment, LLC at the address stated above or by calling Mr. Mike Grimland, Senior Vice President, at 281-607-7101.

Issuance Date: August 5, 2024

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECIBO DE LA SOLICITUD Y
EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA
RENOVACION

PERMISO NO. WQ0011975001

SOLICITUD. Titan Production Equipment, LLC, 2207 Farm-to-Market Road 949, Alleyton, Texas 78935 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0011975001 del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 6,000 galones por día mediante riego superficial de 10 acres de pastizales de acceso no público. La instalación de tratamiento de aguas residuales domésticas y el área de eliminación están ubicadas en 2207 Farm-to-Market Road 949, en el condado de Colorado, Texas 78935. TCEQ recibió esta solicitud el 18 de julio de 2024. La solicitud de permiso estará disponible para ver y copiar en Biblioteca Nesbitt Memorial, 529 Washington Street, Columbus, en el condado de Colorado, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.423888,29.726388&level=18

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos

esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Ademas, puede pedir que la TCEQ ponga su nombre en una or mas de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envia por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y

solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Titan Production Equipment, LLC a la dirección indicada arriba o llamando a Mike Grimland al 281-607-7101.

Fecha de emission: 5 de agosto de 2024

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: **Titan Production Equipment LLC**

PERMIT NUMBER (If new, leave blank): WQ00 1197501

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

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 26)

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: Click to enter text.

Check/Money Order Amount: Click to enter text.

Name Printed on Check: Click to enter text.

EPAY Voucher Number: Click to enter text. 713640 and 713641

Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

a. Check the box next to the appropriate authorization type.

☐ Publicly-Owned Domestic Wastewater

☒ Privately-Owned Domestic Wastewater

☐ Conventional Wastewater Treatment

b. Check the box next to the appropriate facility status.

☒ Active ☐ Inactive

c. Check the box next to the appropriate permit type.

- ☐ TPDES Permit
- ☒ TLAP
- ☐ TPDES Permit with TLAP component
- ☐ Subsurface Area Drip Dispersal System (SADDS)

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: Click to enter text.

f. For existing permits:

Permit Number: WQ00 11975001

EPA I.D. (TPDES only): TX Click to enter text.

Expiration Date: 02/10/2025

Section 3. Facility Owner (Applicant) and Co-Applicant Information (Instructions Page 26)

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

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

Titan Production Equipment LLC

(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: 605551720

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 | Last Name, First Name: Grimland, Mike

Title: Senior VP | Credential: Click to enter text.

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?

Click to enter text.

(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: Click to enter text.

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: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

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 A

Section 4. Application Contact Information (Instructions Page 27)

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. Last Name, First Name: Grimland, Mike

Title: Senior VP Credential: Click to enter text.

Organization Name: Titan Production Equipment LLC

Mailing Address: 2207 FM 949 City, State, Zip Code: Alleyton, TX, 78935

Phone No.: 8326910725 E-mail Address: Mike.Grimland@titanpeq.com

Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix: Mr. Last Name, First Name: Weishuhn, James

Title: Environmental Consultant Credential: Professional Engineer

Organization Name: Weishuhn Engineering Inc

Mailing Address: PO Box 358 City, State, Zip Code: Columbus, TX, 78934

Phone No.: 9797326997 E-mail Address: weishuhnengineering@gmail.com

Check one or both: ☐ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

A. Prefix: Mr Last Name, First Name: Grimland, Mike

Title: Senior VP Credential: Click to enter text.

Organization Name: Titan Production Equipment LLC

Mailing Address: 2207 FM 949 City, State, Zip Code: Alleyton, TX, 78935

Phone No.: 8326910725 E-mail Address: Mike.Grimland@titanpeq.com

B. Prefix: Mr Last Name, First Name: Weishuhn, James

Title: Environmental Consultant Credential: Professional Engineer

Organization Name: Weishuhn Engineering Inc

Mailing Address: PO Box 358 City, State, Zip Code: Columbus, TX, 78934

Phone No.: 9797326997 E-mail Address: weishuhnengineering@gmail.com

Section 6. Billing Contact Information (Instructions Page 27)

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. Last Name, First Name: Grimland, Mike

Title: Senior VP Credential: Click to enter text.

Organization Name: Titan Production Equipment LLC

Mailing Address: 2207 FM 949 City, State, Zip Code: Alleyton, TX, 78935

Phone No.: 2816077101 E-mail Address: Click to enter text.

Section 7. DMR/MER Contact Information (Instructions Page 27)

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

Prefix: Mr Last Name, First Name: Drab, Michael

Title: Operator Credential: WWTP Operator Class C

Organization Name: Click to enter text.

Mailing Address: PO Box 232 City, State, Zip Code: Industry, TX, 78944-0232

Phone No.: 9798307989 E-mail Address: m_drab@hotmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mrs. Last Name, First Name: Weishuhn, Barbara

Title: Environmental Consultant Credential: Click to enter text.

Organization Name: Weishuhn Engineering, Inc.

Mailing Address: PO Box 358 City, State, Zip Code: Columbus, TX, 78934

Phone No.: 9797326997 E-mail Address: weishuhnengineering@gmail.com

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 permit to be listed in the Notices

Prefix: Mr Last Name, First Name: Grimland, Mike

Title: Senior VP Credential: Click to enter text.

Organization Name: Titan Production Equipment LLC

Mailing Address: 2207 FM 949 City, State, Zip Code: Alleyton, TX, 78935

Phone No.: 2816077101 E-mail Address: Mike.Grimland@titanpeq.com

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: Nesbitt Memorial Library

Location within the building: Shelf to right of entry

Physical Address of Building: 529 Washington Street

City: Columbus County: Colorado

Contact (Last Name, First Name): Susan Chandler

Phone No.: 9797323392 Ext.: Click to enter text.

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? Spanish

F. Plain Language Summary Template

Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment.

Attachment: B

G. 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: Not Applicable

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 100928696

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):

Titan PEQ Columbus (Alleyton Plant)

C. Owner of treatment facility: Titan Production Equipment LLC

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

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Titan Production Equipment LLC

Mailing Address: 25700 Interstate 45 Ste 4019 City, State, Zip Code: The Woodlands, TX, 77386-1364

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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: Click to enter text.

E. Owner of effluent disposal site:

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Titan Production Equipment LLC

Mailing Address: 25700 Interstate 45 Ste 4019 City, State, Zip Code: The Woodlands, TX, 77386-1364

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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: Click to enter text.

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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:

Click to enter text.

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:

Click to enter text.

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

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: Click to enter text.

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: Click to enter text.

Section 11. TLAP Disposal Information (Instructions Page 32)

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:

Click to enter text.

B. City nearest the disposal site: Alleyton

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

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

Treated effluent will be pumped from the treatment plant to a proposed treated water effluent holding pond. A pump will convey the treated water from the treated water effluent holding pond to the irrigation field sprinkler heads.

E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Pastureland to Coushatta Creek to San Bernard River

Section 12. Miscellaneous Information (Instructions Page 32)

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.

Click to enter text.

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: Click to enter text.

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

Section 13. Attachments (Instructions Page 33)

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: Click to enter text.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0011975001

Applicant: Titan Production Equipment LLC

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): Mike Grimland

Signatory title: Senior Vice President

Signature: _____ Date: 7-18-24

(Use blue ink)

Subscribed and Sworn to before me by the said Mike Grimland

on this 18th day of July, 2024.

My commission expires on the 18th day of November, 2026.

Crystal Salinas

Notary Public *[SEAL]*

Montgomery, Texas

County, Texas

Crystal Salinas
My Commission Expires
11/18/2026
Notary ID134073303

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:

- ☒ The applicant's property boundaries
- ☒ The facility site boundaries within the applicant's property boundaries
- ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
- ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
- ☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
- ☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
- ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
- ☒ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
- ☒ The property boundaries of all landowners surrounding the effluent disposal site
- ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
- ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located

B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.

C. Indicate by a check mark in which format the landowners list is submitted:

☐ USB Drive ☒ Four sets of labels

D. Provide the source of the landowners' names and mailing addresses: Colorado County Appraisal District

E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?

☐ Yes ☒ No

If **yes**, provide the location and foreseeable impacts and effects this application has on the land(s):

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

Provide original ground level photographs. Indicate with checkmarks that the following information is provided.

☒ At least one original photograph of the new or expanded treatment unit location

☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.

☒ At least one photograph of the existing/proposed effluent disposal site

☒ A plot plan or map showing the location and direction of each photograph

Section 3. Buffer Zone Map (Instructions Page 38)

A. Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.

- The applicant's property boundary;
- The required buffer zone; and
- Each treatment unit; and
- The distance from each treatment unit to the property boundaries.

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.

☒ Ownership

☐ Restrictive easement

☐ Nuisance odor control

☐ Variance

C. Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?

☐ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Click to enter text.

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:** Click to enter text.

1. Check or Money Order Number: Click to enter text.
2. Check or Money Order Amount: Click to enter text.
3. Date of Check or Money Order: Click to enter text.
4. Name on Check or Money Order: Click to enter text.
5. APPLICATION INFORMATION

   Name of Project or Site: Click to enter text.

   Physical Address of Project or Site: Click to enter text.

   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 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss): Click to enter text.

Full legal name (Last Name, First Name, Middle Initial): Click to enter text.

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only:
Customer Number:
Regulated Entity Number:
Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) ☒ Yes
(Required for all application types. Must be completed in its entirety and signed. Note: Form may be signed by applicant representative.)

Correct and Current Industrial Wastewater Permit Application Forms ☒ Yes
(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)

Water Quality Permit Payment Submittal Form (Page 19) ☒ Yes
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
(Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)

Current/Non-Expired, Executed Lease Agreement or Easement ☐ N/A ☐ Yes

Landowners Map ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Cross Reference List ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Landowners Labels or USB Drive attached ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Original signature per 30 TAC § 305.44 – Blue Ink Preferred ☒ Yes
(If signature page is not signed by an elected official or principle executive officer, a copy of signature authority/delegation letter must be attached)

Plain Language Summary ☒ Yes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

Section 1. Permitted or Proposed Flows (Instructions Page 43)

A. Existing/Interim I Phase

Design Flow (MGD): 0.006

2-Hr Peak Flow (MGD): Not Applicable

Estimated construction start date: 06/1974

Estimated waste disposal start date: 06/1974

B. Interim II Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

D. Current Operating Phase

Provide the startup date of the facility: 06/1974

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

Provide a detailed description of the treatment process. **Include the type of treatment plant, mode of operation, and all treatment units.** Start with the plant's head works and

finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed, a description of *each phase* must be provided**.

Existing Phase is Extended aeration with surface application disposal including bar screens, equalization tank, aeration basin, final clarifier, digester, effluent holding pond, and spray irrigation.

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Bar Screen (existing)	2	5'x5'x4'
9,000 gal. Equalization tank (existing)	1	17'x12'x7.5'
Aeration Chamber (existing)	1	16'x10'x10'
Clarifier (existing)	1	6'x10'x10'
Sludge Digester (existing)	1	16"x10'x10'
Effluent Holding Pond (existing)	1	250'x90'x6'

C. Process Flow Diagram

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

Attachment: H

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

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

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

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

- Latitude: 29.726477
- Longitude: -96.421076

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: I

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

Titan PEQ Columbus Facility (Alleyton Plant) employees.

Collection System Information **for wastewater TPDES permits only**: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.**

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
		Choose an item.	
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

Is the application for a renewal of a permit that contains an unbuilt phase or phases?

☐ Yes ☒ No

If yes, does the existing permit contain a phase that has not been constructed **within five years** of being authorized by the TCEQ?

☐ Yes ☐ No

If yes, provide a detailed discussion regarding the continued need for the unbuilt phase. **Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases**.

Click to enter text.

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

If yes, was a closure plan submitted to the TCEQ?

☐ Yes ☒ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

For applicants with an existing permit, check the Other Requirements or Special Provisions of the permit.

A. Summary transmittal

Have plans and specifications been approved for the existing facilities and each proposed phase?

☒ Yes ☐ No

If yes, provide the date(s) of approval for each phase: February 25, 2020

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**.

A copy of the summary transmittal letter is included as Attachment J

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.

The 150ft buffers from Property Lines and 500ft buffer from Public Water Supply wells are demonstrated in Attachment G.

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*.

Land application soil analytical data is submitted to TCEQ Regional Office (MC Region 12) and Water Quality Compliance Monitoring Team (MC 224).

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.

Click to enter text.

3. Grit disposal

Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal?

☐ Yes ☒ No

If No, contact the TCEQ Municipal Solid Waste team at 512-239-2335. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

Click to enter text.

4. *Grease and decanted liquid disposal*

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.

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

Click to enter text.

E. Stormwater management

1. *Applicability*

Does the facility have a design flow of 1.0 MGD or greater in any phase?

☐ Yes ☒ No

Does the facility have an approved pretreatment program, under 40 CFR Part 403?

☐ Yes ☒ No

If no to both of the above, then skip to Subsection F, Other Wastes Received.

2. *MSGP coverage*

Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?

☐ Yes ☐ No

If yes, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:

TXR05 Click to enter text. or TXRNE Click to enter text.

If no, do you intend to seek coverage under TXR050000?

☐ Yes ☐ No

3. *Conditional exclusion*

Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?

☐ Yes ☐ No

If yes, please explain below then proceed to Subsection F, Other Wastes Received:

Click to enter text.

4. ***Existing coverage in individual permit***

Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?

☐ Yes ☐ No

If yes, provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.

Click to enter text.

5. ***Zero stormwater discharge***

Do you intend to have no discharge of stormwater via use of evaporation or other means?

☐ Yes ☐ No

If yes, explain below then skip to Subsection F. Other Wastes Received.

Click to enter text.

Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.

6. ***Request for coverage in individual permit***

Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?

☐ Yes ☐ No

If yes, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Click to enter text.

Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

Does or will the facility accept sludge from other treatment plants at the facility site?

☐ Yes ☒ No

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

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

Click to enter text.

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

If yes, does the facility have a Type V processing unit?

☐ Yes ☐ No

If yes, does the unit have a Municipal Solid Waste permit?

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	3.41	3.41	1	Grab	5/15/24 9:15am
Total Suspended Solids, mg/l	18.8	18.8	1	Grab	5/15/24 9:15am

Ammonia Nitrogen, mg/l	17	17	1	Grab	5/15/24 9:15am
Nitrate Nitrogen, mg/l	25.5	25.5	1	Grab	5/15/24 9:15am
Total Kjeldahl Nitrogen, mg/l	18	18	1	Grab	5/15/24 9:15am
Sulfate, mg/l	41.7	41.7	1	Grab	5/15/24 9:15am
Chloride, mg/l	84.2	84.2	1	Grab	5/15/24 9:15am
Total Phosphorus, mg/l	48.9	48.9	1	Grab	5/15/24 9:15am
pH, standard units	7.18	7.18	1	Grab	5/15/24 9:15am
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	>2420	>2420	1	Grab	5/15/24 9:15am
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	518	518	1	Grab	5/15/24 9:15am
Electrical Conductivity, µmohs/cm, †	1,090	1,090	1	Grab	5/15/24 9:15am
Oil & Grease, mg/l	<2.00	<2.00	1	Grab	5/15/24 9:15am
Alkalinity ($CaCO_3$)*, mg/l	N/A	N/A	N/A	N/A	N/A

*TPDES permits only
†TLAP permits only

Table1.0(3) – Pollutant Analysis for Water Treatment Facilities

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Michael J. Drab

Facility Operator's License Classification and Level: WWOL WASTEWATER TREATMENT OPERATOR C

Facility Operator's License Number: WW0045397

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- ☐ Design flow>= 1 MGD
- ☐ Serves >= 10,000 people
- ☐ Class I Sludge Management Facility (per 40 CFR § 503.9)
- ☐ Biosolids generator
- ☐ Biosolids end user – land application (onsite)
- ☐ Biosolids end user – surface disposal (onsite)
- ☐ Biosolids end user – incinerator (onsite)

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting
- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (>= 2 years)

☐ Methane or Biogas Recovery

☒ Other Treatment Process: Waste Sludge Transport to another WWTP

C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Off-site Third-Party Handler or Preparer	Bulk		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

D. Disposal site

Disposal site name: Aqua-Zyme Services, Inc.

TCEQ permit or registration number: MSW 2318 WQ 0011768001

County where disposal site is located: Matagorda

E. Transportation method

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

Name of the hauler: Aqua-Zyme Services, Inc.

Hauler registration number: 21480

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

If yes, is the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)** attached to this permit application (see the instructions for details)?

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

  Attachment: Click to enter text.
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: Click to enter text.
- Federal Emergency Management Map:

  Attachment: Click to enter text.
- Site map:

  Attachment: Click to enter text.

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

☐ Overlap a designated 100-year frequency flood plain

☐ Soils with flooding classification

☐ Overlap an unstable area

☐ Wetlands

☐ Located less than 60 meters from a fault

☐ None of the above

Attachment: Click to enter text.

If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:

Click to enter text.

B. Temporary storage information

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

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

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

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

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

If yes, describe the liner below. Please note that a liner is required.

Click to enter text.

D. Site development plan

Provide a detailed description of the methods used to deposit sludge in the lagoon(s):

Click to enter text.

Attach the following documents to the application.

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

  Attachment: Click to enter text.
- Copy of the closure plan

  Attachment: Click to enter text.
- Copy of deed recordation for the site

  Attachment: Click to enter text.
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: Click to enter text.
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: Click to enter text.
- Procedures to prevent the occurrence of nuisance conditions

  Attachment: Click to enter text.

E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

☐ Yes ☐ No

If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

Attachment: Click to enter text.

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 55)

A. Additional authorizations

Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?

☐ Yes ☒ No

If yes, provide the TCEQ authorization number and description of the authorization:

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

Is the permittee required to meet an implementation schedule for compliance or enforcement?

☐ Yes ☒ No

If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:

Click to enter text.

Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: Click to enter text.

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Mike Grimland

Title: Senior Vice President.

Signature: _____

Date: 2-18-24

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

Section 1. Type of Disposal System (Instructions Page 68)

Identify the method of land disposal:

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

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

For existing authorizations, provide Registration Number: WQ0011975001

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

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

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Native Grass Pastureland(Mar.-Oct.)	10	6,000	N
Rye Grass Pastureland(Nov.-Feb.)	10	6,000	N

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

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
NA	0.35	1.76	250'x90'x6'	HDPE Liner

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

Attachment: L

Section 4. Flood and Runoff Protection (Instructions Page 68)

Is the land application site within the 100-year frequency flood level?

☐ Yes ☒ No

If yes, describe how the site will be protected from inundation.

Click to enter text.

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

FEMA Firmette 48089C0300D; Attachment M

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

Run-on and run-off control berms are installed and in-use in the application area.

Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment**: N

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

Section 6. Well and Map Information (Instructions Page 69)

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

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

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

Table 3.0(3) – Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
7810	Withdrawal of Water	N	Capped and Plugged	Not Applicable
47906	Domestic	Y	Cased	Buffer Zone
60971	Withdrawal of Water	N	Capped and Plugged	Not Applicable
63837	Domestic	Y	cased	Buffer Zone
111234	Domestic	Y	cased	Buffer Zone

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
155934	Industrial	N	Capped and Plugged	Not Applicable
188053	Domestic	N	Capped and Plugged	Not Applicable
189991	Domestic	Y	Cased	Buffer Zone
193067	Livestock	Y	cased	Buffer Zone
203187	Irrigation	Y	cased	Buffer Zone
203487	Domestic	N	Capped and Plugged	Not Applicable
208337	Domestic	Y	cased	Buffer Zone
211047	Rig Supply	Y	cased	Buffer Zone
239958	Domestic	Y	cased	Buffer Zone
281129	Industrial	Y	cased	Buffer Zone
301093	Domestic	Y	cased	Buffer Zone
312943	Domestic	Y	cased	Buffer Zone
313265	Domestic	Y	cased	Buffer Zone
332504	Domestic	Y	cased	Buffer Zone
333644	Domestic	Y	cased	Buffer Zone
346127	Industrial	Y	cased	Buffer Zone
347746	Domestic	Y	cased	Buffer Zone
397419	Domestic	Y	cased	Buffer Zone
415906	Industrial	Y	cased	Buffer Zone
438524	Domestic	Y	cased	Buffer Zone
514922	Domestic	Y	Cased	Buffer Zone
552585	Domestic	Y	Cased	Buffer Zone
557158	Domestic	Y	Cased	Buffer Zone
557159	Domestic	Y	Cased	Buffer Zone

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
557163	Domestic	Y	Cased	Buffer Zone
576049	Domestic	Y	Cased	Buffer Zone
577708	Domestic	Y	Cased	Buffer Zone
6621206	Public Supply	Y	Cased	Buffer Zone
6621207	Public Supply	Y	Cased	Buffer Zone
6621301	Aquaculture	Y	Cased	Buffer Zone
6621302	Livestock	Y	Cased	Buffer Zone
6621304	Industrial	N	Capped and Plugged	Not Applicable
6621305	Industrial	Y	Cased	Buffer Zone

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

Attachment: Q

Section 7. Groundwater Quality (Instructions Page 69)

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

Attachment: P

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

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

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

Attachment: Click to enter text.

Section 8. Soil Map and Soil Analyses (Instructions Page 70)

A. Soil map

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

Attachment: Q

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: Q

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
MkB - Mockley fine sandy loam	0-15”	0.2 to 0.57 in/hr	~8.7”	71
WyA Wockley fine sandy loam	0-6”	0.06 to 0.2 in/hr	~9.6”	71

Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

☒ Yes ☐ No

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

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

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
June 2022	0.0017	11	N/A	7.82	N/A	2
July 2022	0.0020	7	N/A	7.90	N/A	2
August 2022	0.0027	3	N/A	7.76	N/A	2
September 2022	0.0021	3	N/A	8.00	N/A	2
October 2022	0.0018	9	N/A	7.96	N/A	2
November 2022	0.0023	12	N/A	7.70	N/A	2
December 2022	0.0017	73	N/A	7.64	N/A	2
January 2023	0.0012	71	N/A	7.72	N/A	2
February 2023	0.0030	14	N/A	7.76	N/A	2
March 2023	0.0016	20	N/A	8.04	N/A	2

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
April 2023	0.0022	9	N/A	7.98	N/A	2
May 2023	0.0030	8	N/A	7.50	N/A	2
June 2023	0.0034	11	N/A	8.10	N/A	2
July 2023	0.0016	20	N/A	7.69	N/A	2
August 2023	0.0039	16	N/A	7.80	N/A	2
September 2023	0.0028	62	N/A	7.84	N/A	2
October 2023	0.0020	18	N/A	7.70	N/A	2
November 2023	0.0027	87	N/A	7.81	N/A	2
December 2023	0.0022	150	N/A	7.92	N/A	2
January 2024	0.0008	29	N/A	8.18	N/A	2
February 2024	0.0029	21	N/A	7.90	N/A	2
March 2024	0.0020	21	N/A	7.83	N/A	2
April 2024	0.0002	23	N/A	7.80	N/A	2
May 2024	0.0026	5	N/A	7.91	N/A	2

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

No corrective actions taken. The treatment plant corrected itself as shown in the data.

ATTACHMENT A: Core Data Form

ATTACHMENT B: Plain Language Summary

ATTACHMENT C: Original USGS Map

ATTACHMENT D: Affected Landowners Map

ATTACHMENT E: Landowner Disk or Labels

ATTACHMENT F: Photo Location Map & Original Photographs

ATTACHMENT G: Buffer Zone Map

ATTACHMENT H: Process Flow Diagram

ATTACHMENT I: Site Drawing

ATTACHMENT J: Summary Transmittal of Design

ATTACHMENT K: Existing Treatment Plant Effluent Laboratory Analytical Reports

ATTACHMENT L: Liner Certification

ATTACHMENT M: FEMA Firmette Flood Map

ATTACHMENT N: Annual Cropping Plan

ATTACHMENT O: Well Location Map/Well Information

ATTACHMENT P: Groundwater Quality Assessment

ATTACHMENT Q: Soil Map and Soil Analysis

ATTACHMENT R: Permit Application Voucher

ATTACHMENT A

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 605551720		**RN 100928696**

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:*

Titan Production Equipment LLC

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
803031946	32067353212	206735321	

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
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:

2207 FM 949

City	Alleyton	**State**	TX	**ZIP**	78935	**ZIP + 4**	

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
	info@titanpeq.com

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

(281) 607-7004		( ) -

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.)*

Titan Production Equipment LLC

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	2207 FM 949							
	City	Alleyton	**State**	TX	**ZIP**	78935	**ZIP + 4**	
24. County	Colorado							

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

25. Description to Physical Location:					
26. Nearest City			**State**		**Nearest ZIP Code**
Alleyton			TX		78935

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:	29.728071		**28. Longitude (W) In Decimal:**	-96.421140	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
29	43	41.055	-96	25	16.1034

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)
3523		333132	

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

Oil and Gas Production Machinery Manufacturing

34. Mailing Address:	**2207 FM 949**							
	City	**Alleyton**	**State**	**TX**	**ZIP**	**78935**	**ZIP + 4**	
35. E-Mail Address:	**info@titanpeq.com**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(281) 607-7004		( ) -

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:

SECTION IV: Preparer Information

40. Name:	James W. Weishuhn	41. Title:	Professional Engineer

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(979) 732-6997		( ) -	weishuhnengineering@gmail.com

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:	Weishuhn Engineering, Inc.	Job Title:	Professional Engineer
Name *(In Print)*:	James W. Weishuhn	Phone:	(979) 732- 6997
Signature:	James W. Weishuhn	Date:	6-25-24

STATE OF TEXAS
JAMES W. WEISHUHN
69128
LICENSED
PROFESSIONAL ENGINEER

F-66

ATTACHMENT B

Plain Language Summary

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

Titan Production Equipment LLC (CN605551720) operates Titan PEQ Columbus (Alleyton Plant) (RN100928696), an Oil and Gas Production Machinery Manufacturing facility. The facility is located at 2207 Farm-to-Market Road 949, in Alleyton, Colorado County, Texas 78935. This application is for permit renewal without changes. *<<For TLAP applications include the following sentence, otherwise delete:>>* This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain BOD, suspended solids, ammonia, sulfate, nitrate, chloride, phosphorous, pH, E. Coli, and Dissolved solids. Domestic Wastewater is treated by Extended aeration with surface application disposal including bar screens, equalization tank, aeration basin, final clarifier, digester, effluent holding pond, and spray irrigation.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES INDUSTRIALES **/AGUAS PLUVIALES**

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 es una representación ejecutiva fedérale de la solicitud de permiso.

Titan Production Equipment LLC (CN605551720) opera Titan PEQ Columbus (Alleyton Plant) RN100928696, una Planta de Fabricación de maquinaria de producción de petróleo y gas. La instalación está ubicada en 2207 Farm-to-Market Road 949, en Alleyton, Condado de Colorado, Texas 78935. Esta solicitud es para la renovación del permiso sin cambios. *<<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>>* Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan DBO, sólidos en suspensión, amoníaco, sulfato, nitrato, cloruro, fósforo, pH, E. coli y sólidos disueltos. Aguas residuales domesticos. está tratado por Aireación extendida con eliminación de aplicaciones superficiales que incluye pantallas de barras, tanque de ecualización, cuenca de aireación, clarificador final, digestor, estanque de retención de efluentes y riego por aspersión.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose “operates” in this section for existing facility applications or choose “proposes to operate” for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose “is” for an existing facility or “will be” for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division’s Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

Example

Individual Industrial Wastewater Application

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

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as “previously monitored effluents” (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

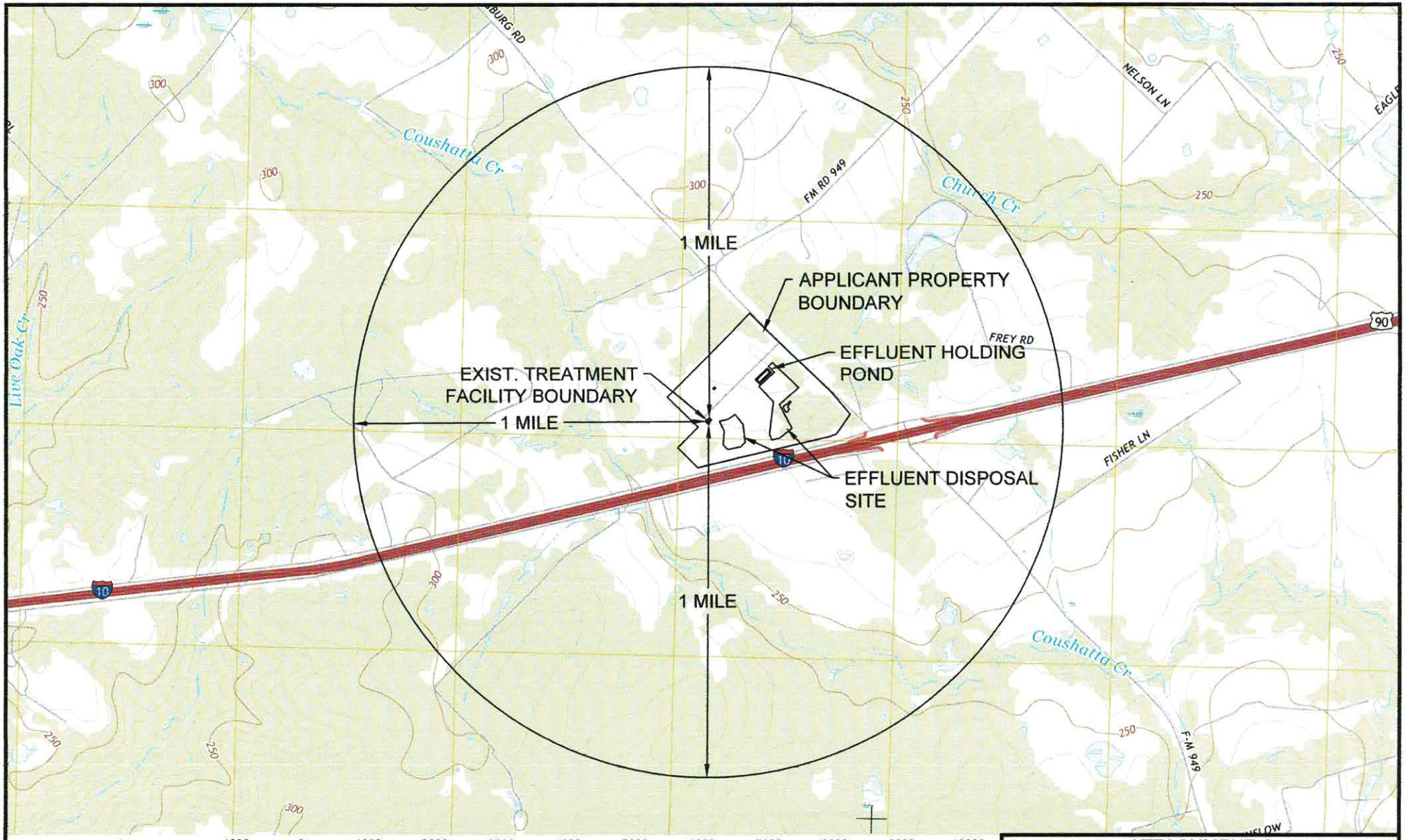
The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

ATTACHMENT C

Original USGS Map



1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

MN
3° 20'
59 MILS
GN
1° 16'
23 MILS

UTM GRID AND 2016 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

STATE OF TEXAS
JAMES W. WEISHUHN
69128
LICENSED
PROFESSIONAL ENGINEER
6-25-24

ATTACHMENT C
USGS MAP
TITAN PRODUCTION EQUIPMENT LLC
ALLEYTON, TX
COLORADO COUNTY

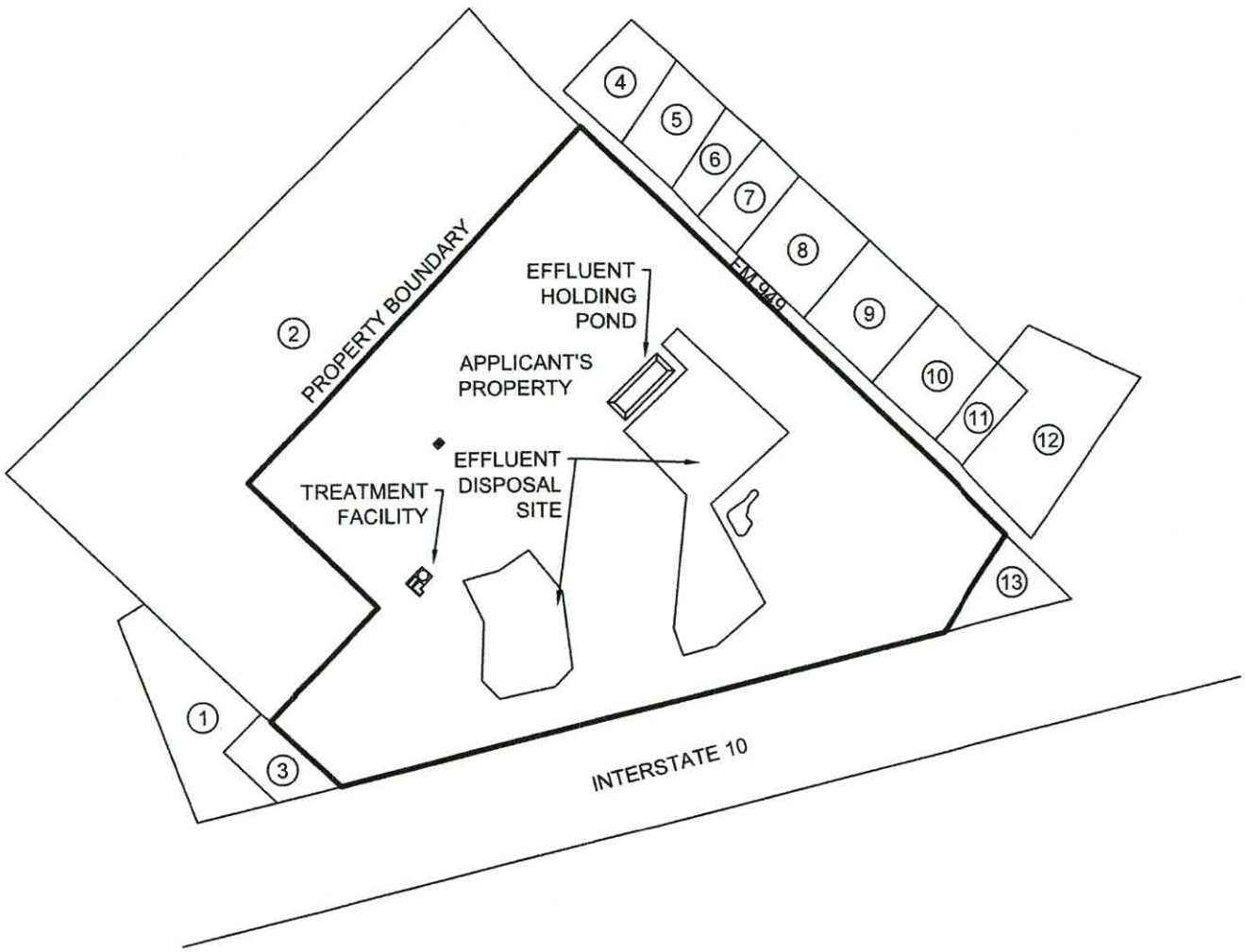
Weishuhn Engineering Inc.
1008 Live Oak St, P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: 1"=2,000'	DATE: 6/1/24	SHEET of

S:\Titan\TLAP TPDES\TLAP 2025\Attachment C Topographic Map 8.5x11.dwg

ATTACHMENT D

Affected Landowners Map



NOTES:

1. ALL BUFFER ZONES ARE WITHIN APPLICANT'S PROPERTY LIMITS.

STATE OF TEXAS
JAMES W. WEISHUHN
69128
LICENSED
PROFESSIONAL ENGINEER

6-25-24

ATTACHMENT D
AFFECTED LANDOWNERS MAP
TITAN PRODUCTION EQUIPMENT LLC
ALLEYTON, TX
COLORADO COUNTY

Weishuhn Engineering Inc.
1008 Live Oak St, P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: N.T.S.	DATE: 6/1/24	SHEET of

TITAN PEQ
Attachment D
List of Landowners

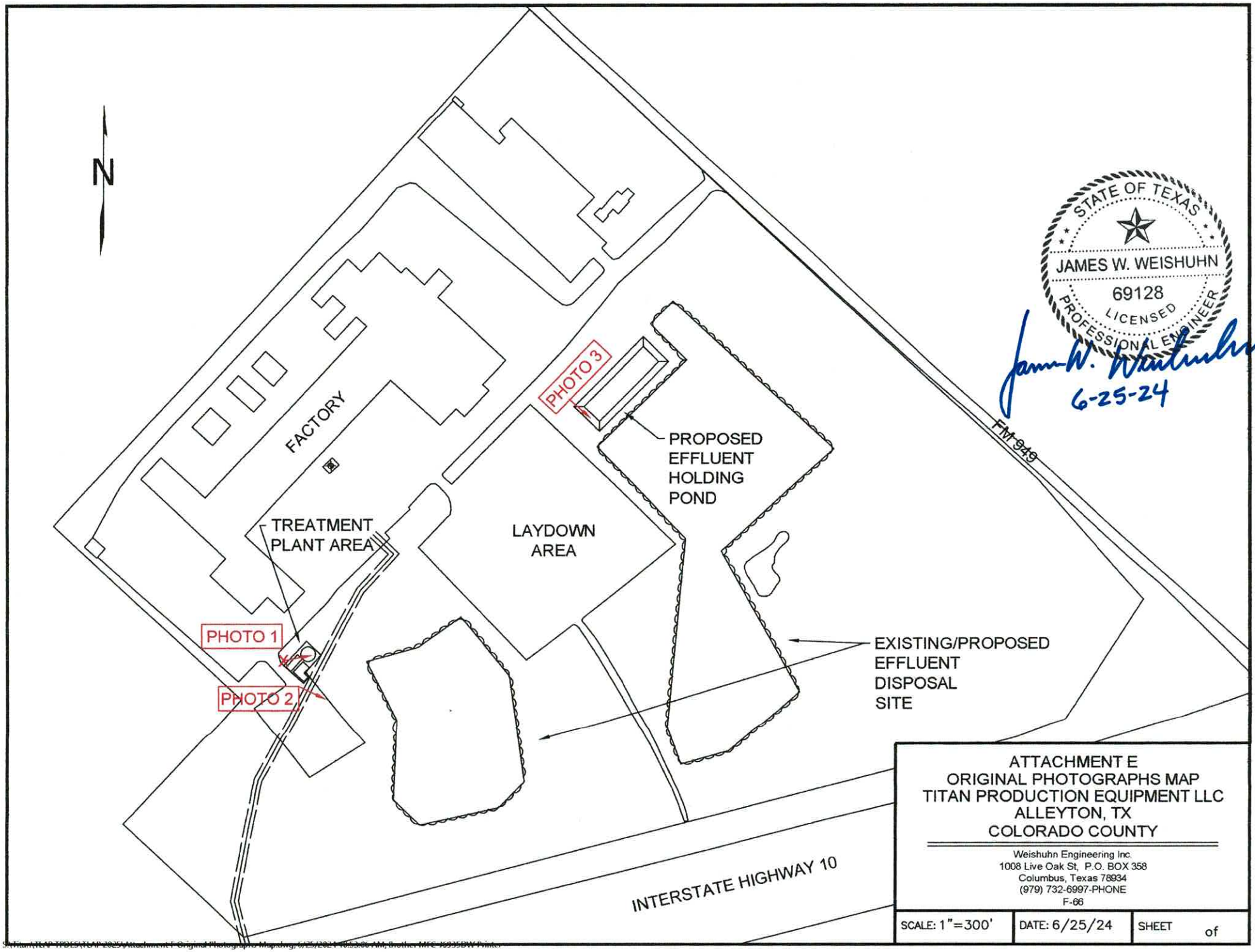
1. DAVID AND BEVERLY PILSNER
   4993 HWY 90
   ALLEYTON, TX 78935
2. MARIE ELESE HAWKINS
   C/O FRANK AND JUNE PILSNER
   9610 PLUM RIDGE DR
   HOUSTON, TX 77064-7620
3. MARIE ELESE HAWKINS
   C/O JUNE PILSNER
   9610 PLUM RIDGE DR
   HOUSTON, TX 77064-7620
4. AMY CATLETT
   2234 FM 949
   ALLEYTON TX 78935
5. CARL & PAMELLA SCHUKNECHT
   2224 FM 949
   ALLEYTON, TX 78935
6. CONSTANCE ANN LATTIMORE
   2214 FM 949
   ALLEYTON, TX 78935
7. SANDRA GAIL WIED
   C/O AUGUST H & DOLORES EST JONES
   2208 FM 949
   ALLEYTON, TX 78935
8. ANTHONY R & TAMALYN K NEUENDORFF
   2198 FM 949
   ALLEYTON, TX 78935-2032
9. RICHARD & KATIE PAGEL
   7303 EAST COUNTY ROAD 93
   MIDLAND, TX 79706
10. PEGGY RODGERS
    2356 HIGHWAY 71
    COLUMBUS, TX 78934-3410
11. EVELYN ORANGE
    2160 FM 949
    ALLEYTON, TX 78935
12. EVELYN ORANGE
    2160 FM 949
    ALLEYTON, TX 78935
13. JOHN WILLIAM SCHINDLER
    903 OLD LAKE ROAD
    HOUSTON, TX 77057

ATTACHMENT E

Landowner Disk or Labels

ATTACHMENT F

Photo Location Map & Original Photographs



ATTACHMENT E
ORIGINAL PHOTOGRAPHS MAP
TITAN PRODUCTION EQUIPMENT LLC
ALLEYTON, TX
COLORADO COUNTY

Weishuhn Engineering Inc.
1008 Live Oak St, P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: 1"=300'	DATE: 6/25/24	SHEET of

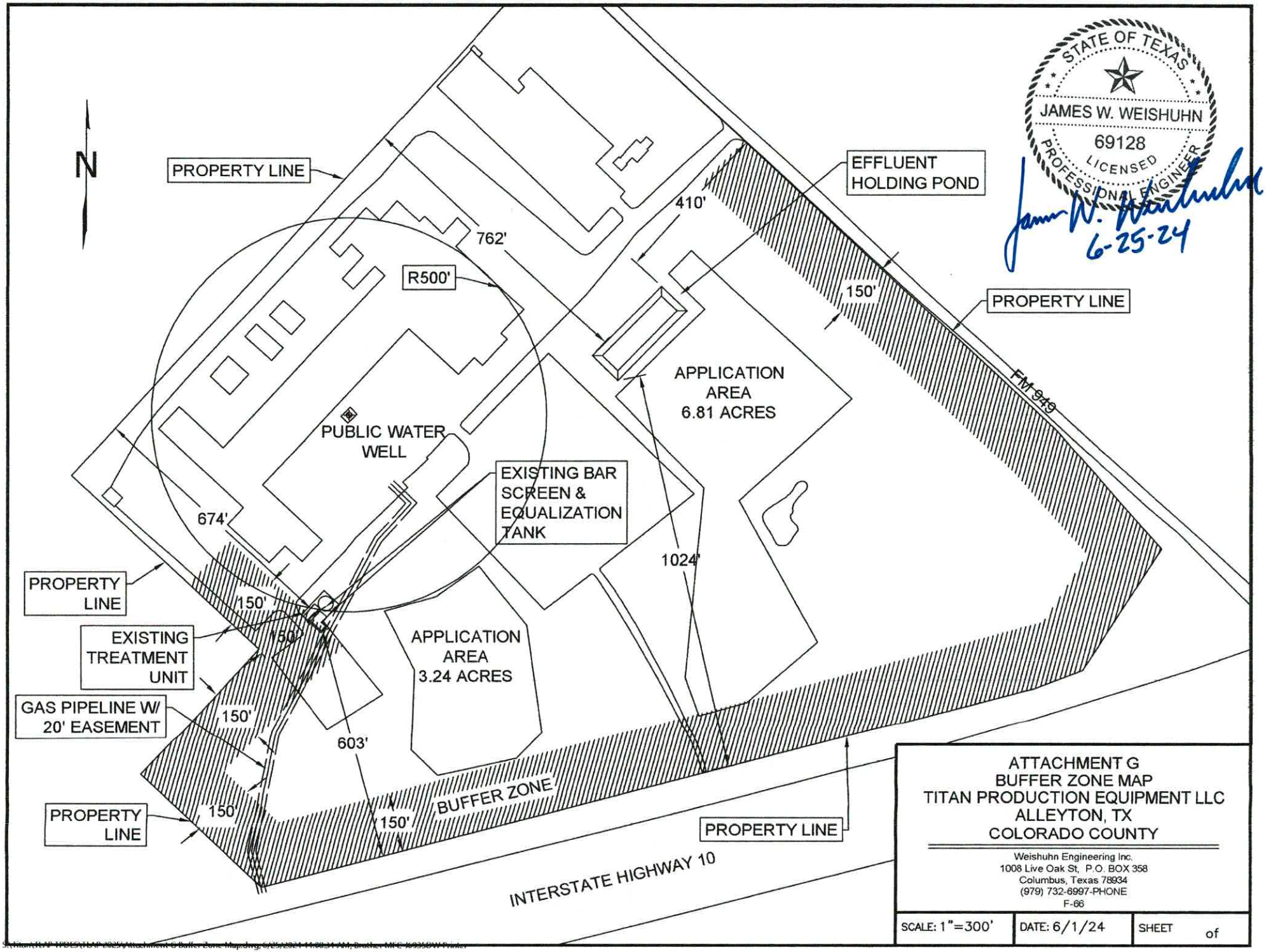
Photo 1 Treated Wastewater Tank to be Reused; Effluent Disposal Area in background; Facing East

Photo 2 Effluent Disposal Area; Facing Southeast

Photo 3 Effluent holding pond; Effluent disposal field in background; Facing South

ATTACHMENT G

Buffer Zone Map



ATTACHMENT G
BUFFER ZONE MAP
TITAN PRODUCTION EQUIPMENT LLC
ALLEYTON, TX
COLORADO COUNTY

Weishuhn Engineering Inc.
1008 Live Oak St, P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

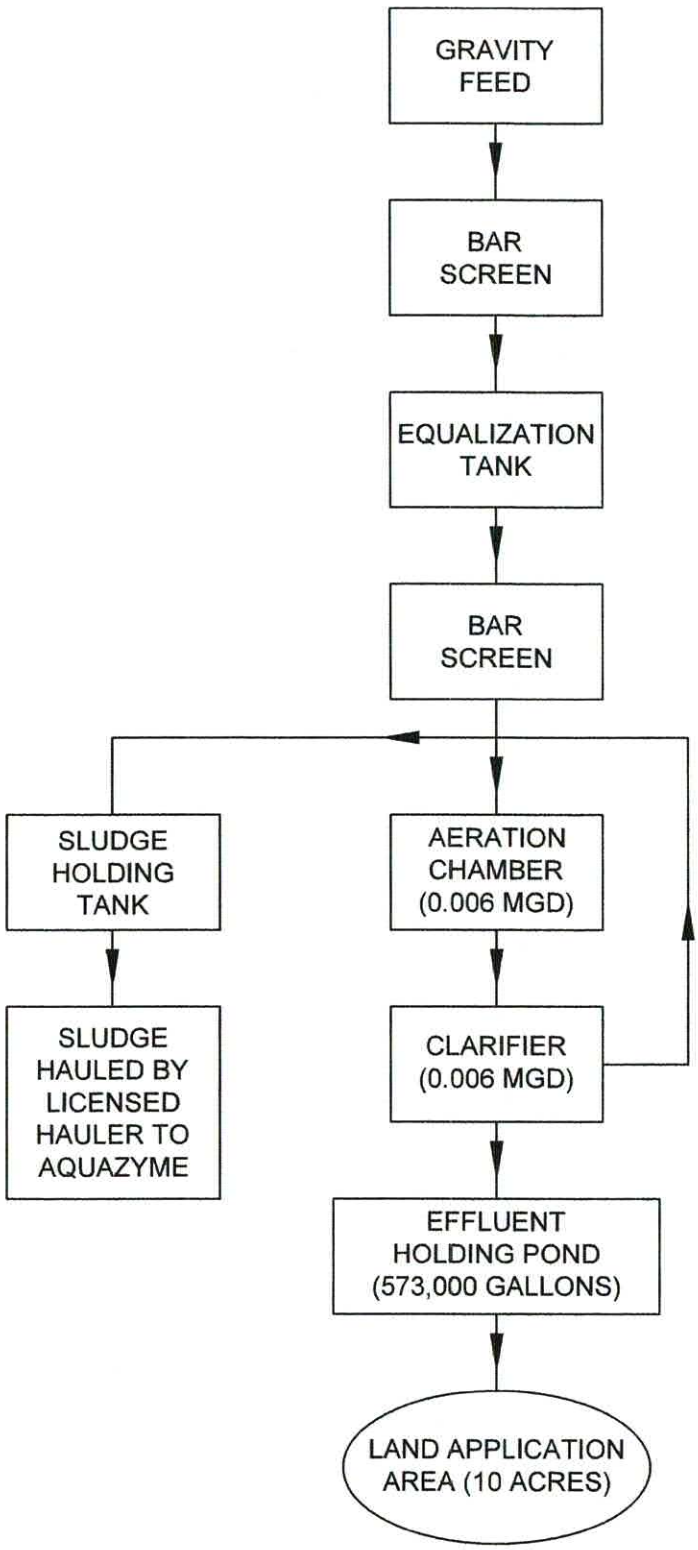
SCALE: 1"=300'	DATE: 6/1/24	SHEET of

ATTACHMENT H

Process Flow Diagram

LEGEND:

EXISTING



STATE OF TEXAS
JAMES W. WEISHUHN
69128
LICENSED
PROFESSIONAL ENGINEER

6-25-24

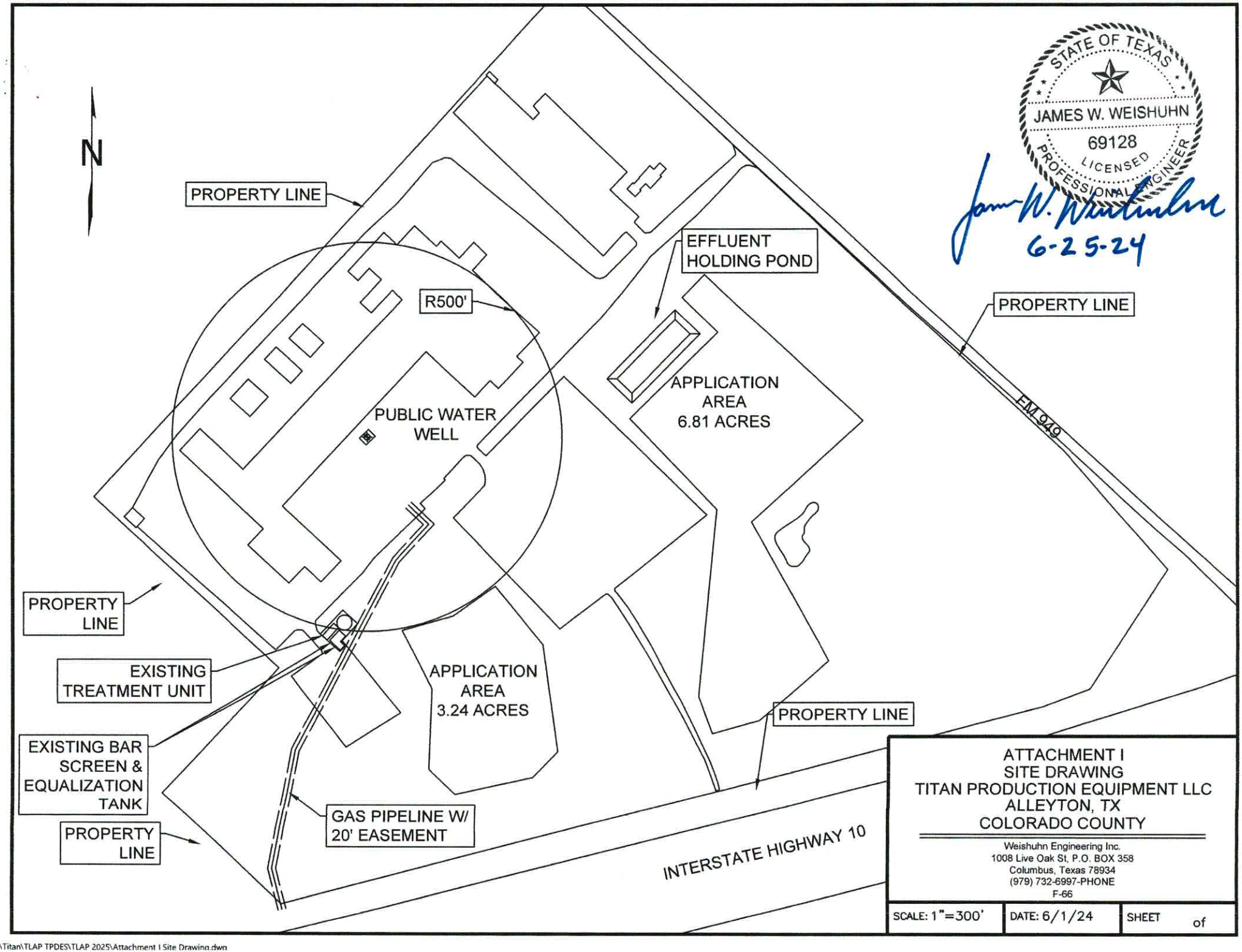
ATTACHMENT H
FLOW DIAGRAM
TITAN PRODUCTION EQUIPMENT LLC
ALLEYTON, TX
COLORADO COUNTY

Weishuhn Engineering Inc.
1008 Live Oak St, P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: N.T.S.	DATE: 6/1/24	SHEET of

ATTACHMENT I

Site Drawing



ATTACHMENT I
SITE DRAWING
TITAN PRODUCTION EQUIPMENT LLC
ALLEYTON, TX
COLORADO COUNTY

Weishuhn Engineering Inc.
1008 Live Oak St, P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: 1"=300'	DATE: 6/1/24	SHEET of

S:\Titan\TLAP TPDES\TLAP 2025\Attachment I Site Drawing.dwg

ATTACHMENT J

Summary Transmittal of Design

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 25, 2020

James W. Weishuhn, P.E.
WEISHUHN ENGINEERING INC
425 Spring Street, Suite 102
Columbus, TX 78934

Re: Titan Production Equipment LLC
6000 GPD Sanitary Sewage WWTP
Permit No. WQ0011975-001
WWPR Log No. 0220/083
CN605551720, RN100928696
Colorado County

Dear Mr. Weishuhn:

TCEQ received the project summary transmittal letter dated 2/18/2020.

The rules which regulate the design, installation and testing of domestic wastewater projects are found in 30 TAC, Chapter 217, of the Texas Commission on Environmental Quality (TCEQ) rules titled, Design Criteria for Wastewater Systems.

Section 217.6(e), relating to case-by-case reviews, states in part that upon submittal of a summary transmittal letter, the executive director may approve of the project without reviewing a complete set of plans and specifications.

Under the authority of §217.6(e) a technical review of complete plans and specifications is not required. **However, the project proposed in the summary transmittal letter is approved for construction. Please note, that this conditional approval does not relieve the applicant of any responsibilities to obtain all other necessary permits or authorizations, such as wastewater treatment permit or other authorization as required by Chapter 26 of the Texas Water Code.** Below are provisions of the Chapter 217 regulations, which must be met as a condition of approval. These items are provided as a reminder. If you have already met these requirements, please disregard this additional notice.

- You must keep certain materials on file for the life of the project and provide them to TCEQ upon request. These materials include an engineering report, test results, a summary transmittal letter, and the final version of the project plans and specifications. These materials shall be prepared and sealed by a Professional Engineer licensed in the State of Texas and must show substantial compliance with Chapter 217. All plans and specifications must conform to any waste discharge requirements authorized in a permit by the TCEQ. Certain specific items which shall be addressed in the engineering report are discussed in §217.10. Additionally, the engineering report must include all constants, graphs, equations, and calculations needed to show substantial compliance with Chapter 217.

- Any variance from a Chapter 217 requirement disclosed in your summary transmittal letter is approved. If in the future, additional variances from the Chapter 217 requirements are desired for the project, each variance must be requested in writing by the design engineer. Then, the TCEQ will consider granting a written approval to the variance from the rules for the specific project and the specific circumstances.

- Within 60 days of the completion of construction, an appointed engineer shall notify both the Wastewater Permits Section of the TCEQ and the appropriate Region Office of the date of completion. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, the rules of the TCEQ, and any change orders filed with the TCEQ. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

This approval does not mean that future projects will be approved without a complete plans and specifications review. The TCEQ will provide a notification of intent to review whenever a project is to undergo a complete plans and specifications review. Please be reminded of 30 TAC §217.7(a) of the rules which states, "Approval given by the executive director or other authorized review authority does not relieve an owner of any liability or responsibility with respect to designing, constructing, or operating a collection system or treatment facility in accordance with applicable commission rules and the associated wastewater permit".

If you have any questions, or if we can be of any further assistance, please call me at (512) 239-1372.

Sincerely,

Paul A. Brochi

Paul A. Brochi, P.E.
Wastewater Permits Section (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

PAB/tc

ATTACHMENT K

Existing Treatment Plant Effluent Laboratory Analytical Reports

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

May 31, 2024

James Weishuhn
Weishuhn Engineering, Inc.
P.O. Box 358
425 Spring Street Suite 102
Columbus, TX 78934

Work Order: **HS24050830**

Laboratory Results for: **Titan**

Dear James Weishuhn,

ALS Environmental received 1 sample(s) on May 15, 2024 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER
Anna Kinchen
Project Manager

Client: Weishuhn Engineering, Inc.
Project: Titan
Work Order: HS24050830

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24050830-01	Permit Renewal	Water		15-May-2024 09:15	15-May-2024 11:25	☐

Client: Weishuhn Engineering, Inc. **CASE NARRATIVE**
Project: Titan
Work Order: HS24050830

Work Order Comments

• The analysis for E.coli was subcontracted to Envirodyne Laboratories, Inc. in Houston, TX. Final report attached.

WetChemistry by Method SM4500 NH3-B-F

Batch ID: 212603

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E300

Batch ID: R466957

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Batch ID: R466841

Sample ID: HS24050823-01MSD

• MS and MSD are for an unrelated sample (Chloride)

WetChemistry by Method E160.1

Batch ID: R467068

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E120.1

Batch ID: R467921

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E1664A

Batch ID: R467328

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E160.2

Batch ID: R467050

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E365.3

Batch ID: 212801

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500 NH3 D

Batch ID: 212376

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Client: Weishuhn Engineering, Inc. **CASE NARRATIVE**
Project: Titan
Work Order: HS24050830

WetChemistry by Method SM5210 B

Batch ID: 212074

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Client: Weishuhn Engineering, Inc.
Project: Titan
Sample ID: Permit Renewal
Collection Date: 15-May-2024 09:15

ANALYTICAL REPORT
WorkOrder:HS24050830
Lab ID:HS24050830-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SPECIFIC CONDUCTANCE BY E120.1, 1982		**Method:E120.1**				Analyst: CD
Specific Conductance	**1,090**		**5.00**	**umhos/cm**	1	29-May-2024 13:40
TOTAL DISSOLVED SOLIDS BY EPA 160.1		**Method:E160.1**				Analyst: MH
Total Dissolved Solids (Residue, Filterable)	**518**	a	**10.0**	**mg/L**	1	16-May-2024 12:00
TOTAL SUSPENDED SOLIDS BY EPA 160.2		**Method:E160.2**				Analyst: MH
Suspended Solids (Residue, Non -Filterable)	**18.8**	a	**2.50**	**mg/L**	1	17-May-2024 11:00
OIL & GREASE (HEM) BY E1664A		**Method:E1664A**				Analyst: MC
Oil and Grease	ND		2.00	mg/L	1	22-May-2024 07:00
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Chloride	**84.2**		**0.500**	**mg/L**	1	15-May-2024 14:22
Nitrogen, Nitrate (As N)	**25.5**		**1.00**	**mg/L**	10	16-May-2024 10:39
Sulfate	**41.7**		**0.500**	**mg/L**	1	15-May-2024 14:22
PHOSPHORUS BY E365.3-1978		**Method:E365.3**		Prep:E365.3 / 30-May-2024		Analyst: JAC
Phosphate, Total	**48.9**		**7.65**	**mg/L**	1	30-May-2024 15:43
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D-2011		**Method:M4500 NH3 D**		Prep:M4500-N C / 22-May-2024		Analyst: HB
Nitrogen, Total Kjeldahl	**18**		**0.50**	**mg/L**	1	22-May-2024 15:00
AMMONIA AS N BY SM4500 NH3-B-F-2011		**Method:SM4500 NH3-B-F**		Prep:M4500-NH3 B / 28-May-2024		Analyst: SG
Nitrogen, Ammonia (as N)	**17**		**2.5**	**mg/L**	1	28-May-2024 15:45
CBOD BY SM5210B-2011		**Method:SM5210 B**		Prep:SM5210 B / 16-May-2024		Analyst: AR
Carbonaceous Biochemical Oxygen Demand	**3.41**		**2.00**	**mg/L**	1	21-May-2024 12:12
SUBCONTRACT ANALYSIS - E. COLI		**Method:NA**				Analyst: EDL
Subcontract Analysis	See Attached				1	29-May-2024 10:42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

Batch ID: 212074 **Start Date:** 16 May 2024 12:30 **End Date:** 16 May 2024 12:30
Method: CBOD PREP **Prep Code:** CBOD_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24050830-01		300 (mL)	300 (mL)	1	1-L plastic, Neat

Batch ID: 212376 **Start Date:** 22 May 2024 10:00 **End Date:** 22 May 2024 10:00
Method: TKN WATER - PREP **Prep Code:** TKN_W_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24050830-01		25 (mL)	50 (mL)	2	250 mL plastic, H2SO4 to pH <2

Batch ID: 212603 **Start Date:** 28 May 2024 07:00 **End Date:** 28 May 2024 07:00
Method: NITROGEN AMMONIA - WATER - PREP **Prep Code:** NIT_AMM_W_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24050830-01		0.5 (mL)	25 (mL)	50	250 mL plastic, H2SO4 to pH <2

Batch ID: 212801 **Start Date:** 30 May 2024 10:00 **End Date:** 30 May 2024 10:00
Method: PHOSPHOROUS **Prep Code:** P_TW_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24050830-01		1 (mg/L)	50 (mL)	50	250 mL plastic, H2SO4 to pH <2

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 212074 (0)	**Test Name :** CBOD BY SM5210B-2011				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15		16 May 2024 12:30	21 May 2024 12:12	1
Batch ID: 212376 (0)	**Test Name :** TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D-2011				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15		22 May 2024 10:00	22 May 2024 15:00	1
Batch ID: 212603 (0)	**Test Name :** AMMONIA AS N BY SM4500 NH3-B-F-2011				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15		28 May 2024 07:00	28 May 2024 15:45	1
Batch ID: 212801 (0)	**Test Name :** PHOSPHORUS BY E365.3-1978				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15		30 May 2024 10:00	30 May 2024 15:43	1
Batch ID: R466841 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15			15 May 2024 14:22	1
Batch ID: R466957 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15			16 May 2024 10:39	10
Batch ID: R467050 (0)	**Test Name :** TOTAL SUSPENDED SOLIDS BY EPA 160.2				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15			17 May 2024 11:00	1
Batch ID: R467068 (0)	**Test Name :** TOTAL DISSOLVED SOLIDS BY EPA 160.1				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15			16 May 2024 12:00	1
Batch ID: R467328 (0)	**Test Name :** OIL & GREASE (HEM) BY E1664A				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15			22 May 2024 07:00	1
Batch ID: R467889 (0)	**Test Name :** SUBCONTRACT ANALYSIS - E. COLI				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15			29 May 2024 10:42	1
Batch ID: R467921 (0)	**Test Name :** SPECIFIC CONDUCTANCE BY E120.1, 1982				**Matrix:** Water	
HS24050830-01	Permit Renewal	15 May 2024 09:15			29 May 2024 13:40	1

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: 212074 (0) **Instrument: Skalar 02** **Method: CBOD BY SM5210B-2011**

MBLK Sample ID: **MBLK-212074** Units: **mg/L** Analysis Date: **21-May-2024 12:12**
Client ID: Run ID: **Skalar 02_467246** SeqNo: **8020592** PrepDate: **16-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	ND	2.00								

LCS Sample ID: **LCS-212074** Units: **mg/L** Analysis Date: **21-May-2024 12:12**
Client ID: Run ID: **Skalar 02_467246** SeqNo: **8020591** PrepDate: **16-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	190.3	2.00	198	0	96.1	85 - 115				

DUP Sample ID: **HS24050953-01DUP** Units: **mg/L** Analysis Date: **21-May-2024 12:12**
Client ID: Run ID: **Skalar 02_467246** SeqNo: **8020590** PrepDate: **16-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	7.36	2.00					7.13	3.17	20	

DUP Sample ID: **HS24050830-01DUP** Units: **mg/L** Analysis Date: **21-May-2024 12:12**
Client ID: **Permit Renewal** Run ID: **Skalar 02_467246** SeqNo: **8020589** PrepDate: **16-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	3.15	2.00					3.41	7.93	20	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: 212376 (0) **Instrument: UV-2450** **Method: TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D-2011**

MBLK Sample ID: **MBLK-212376** Units: **mg/L** Analysis Date: **22-May-2024 15:00**
Client ID: Run ID: **UV-2450_467433** SeqNo: **8024631** PrepDate: **22-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	ND	0.50								

LCS Sample ID: **LCS-212376** Units: **mg/L** Analysis Date: **22-May-2024 15:00**
Client ID: Run ID: **UV-2450_467433** SeqNo: **8024630** PrepDate: **22-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	20.02	0.50	20	0	100	85 - 115				

MS Sample ID: **HS24050686-01MS** Units: **mg/L** Analysis Date: **22-May-2024 15:00**
Client ID: Run ID: **UV-2450_467433** SeqNo: **8024628** PrepDate: **22-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	28.46	0.50	20	9.784	93.4	75 - 125				

MSD Sample ID: **HS24050686-01MSD** Units: **mg/L** Analysis Date: **22-May-2024 15:00**
Client ID: Run ID: **UV-2450_467433** SeqNo: **8024629** PrepDate: **22-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	29.15	0.50	20	9.784	96.8	75 - 125	28.46	2.4	20	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: 212603 (0) **Instrument: UV-2450** **Method: AMMONIA AS N BY SM4500 NH3-B-F-2011**

MBLK Sample ID: **MBLK-212603** Units: **mg/L** Analysis Date: **28-May-2024 15:45**
Client ID: Run ID: **UV-2450_467832** SeqNo: **8033355** PrepDate: **28-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	ND	0.050								

LCS Sample ID: **LCS-212603** Units: **mg/L** Analysis Date: **28-May-2024 15:45**
Client ID: Run ID: **UV-2450_467832** SeqNo: **8033352** PrepDate: **28-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	0.493	0.050	0.5	0	98.6	85 - 115				

LCSD Sample ID: **LCSD-212603** Units: **mg/L** Analysis Date: **28-May-2024 15:45**
Client ID: Run ID: **UV-2450_467832** SeqNo: **8033353** PrepDate: **28-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	0.498	0.050	0.5	0	99.6	85 - 115	0.493	1.01	20	

MS Sample ID: **HS24051226-08MS** Units: **mg/L** Analysis Date: **28-May-2024 15:45**
Client ID: Run ID: **UV-2450_467832** SeqNo: **8033350** PrepDate: **28-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	0.6	0.050	0.5	0.057	109	80 - 120				

MS Sample ID: **HS24050945-05MS** Units: **mg/L** Analysis Date: **28-May-2024 15:45**
Client ID: Run ID: **UV-2450_467832** SeqNo: **8033348** PrepDate: **28-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	0.92	0.050	0.5	0.433	97.4	80 - 120				

MSD Sample ID: **HS24051226-08MSD** Units: **mg/L** Analysis Date: **28-May-2024 15:45**
Client ID: Run ID: **UV-2450_467832** SeqNo: **8033351** PrepDate: **28-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	0.543	0.050	0.5	0.057	97.2	80 - 120	0.6	9.97	20	

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: 212603 (0) **Instrument: UV-2450** **Method: AMMONIA AS N BY SM4500 NH3-B-F-2011**

MSD Sample ID: **HS24050945-05MSD** Units: **mg/L** Analysis Date: **28-May-2024 15:45**
Client ID: Run ID: **UV-2450_467832** SeqNo: **8033349** PrepDate: **28-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	0.945	0.050	0.5	0.433	102	80 - 120	0.92	2.68	20	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: 212801 (0) **Instrument: UV-2450** **Method: PHOSPHORUS BY E365.3-1978**

MBLK Sample ID: **MBLK-212801** Units: **mg/L** Analysis Date: **30-May-2024 15:43**
Client ID: Run ID: **UV-2450_468097** SeqNo: **8039145** PrepDate: **30-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphate, Total	ND	0.153								

LCS Sample ID: **LCS-212801** Units: **mg/L** Analysis Date: **30-May-2024 15:43**
Client ID: Run ID: **UV-2450_468097** SeqNo: **8039144** PrepDate: **30-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphate, Total	0.7447	0.153	0.766	0	97.2	80 - 120				

MS Sample ID: **HS24051544-01MS** Units: **mg/L** Analysis Date: **30-May-2024 15:43**
Client ID: Run ID: **UV-2450_468097** SeqNo: **8039142** PrepDate: **30-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphate, Total	0.7999	0.153	0.766	0.058	96.9	80 - 120				

MSD Sample ID: **HS24051544-01MSD** Units: **mg/L** Analysis Date: **30-May-2024 15:43**
Client ID: Run ID: **UV-2450_468097** SeqNo: **8039143** PrepDate: **30-May-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphate, Total	0.806	0.153	0.766	0.058	97.7	80 - 120	0.7999	0.76	20	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: R466841 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **15-May-2024 11:31**
Client ID: Run ID: **ICS-Integrion_466841** SeqNo: **8012429** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	0.500								
Sulfate	ND	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **15-May-2024 11:37**
Client ID: Run ID: **ICS-Integrion_466841** SeqNo: **8012430** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	21.13	0.500	20	0	106	90 - 110				
Sulfate	21.93	0.500	20	0	110	90 - 110				

MS Sample ID: **HS24050823-01MS** Units: **mg/L** Analysis Date: **15-May-2024 14:45**
Client ID: Run ID: **ICS-Integrion_466841** SeqNo: **8012455** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	146.2	0.500	10	142.2	40.1	80 - 120				SEO
Sulfate	10.98	0.500	10	0.434	105	80 - 120				

MS Sample ID: **HS24050680-01MS** Units: **mg/L** Analysis Date: **15-May-2024 15:57**
Client ID: Run ID: **ICS-Integrion_466841** SeqNo: **8012461** PrepDate: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	174.4	2.50	50	123.6	102	80 - 120				
Sulfate	101.5	2.50	50	51.21	101	80 - 120				

MSD Sample ID: **HS24050823-01MSD** Units: **mg/L** Analysis Date: **15-May-2024 14:51**
Client ID: Run ID: **ICS-Integrion_466841** SeqNo: **8012456** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	148.2	0.500	10	142.2	59.6	80 - 120	146.2	1.32	20	SEO
Sulfate	11.1	0.500	10	0.434	107	80 - 120	10.98	1.11	20	

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: R466841 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MSD Sample ID: **HS24050680-01MSD** Units: **mg/L** Analysis Date: **15-May-2024 16:03**
Client ID: Run ID: **ICS-Integrion_466841** SeqNo: **8012462** PrepDate: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	175.9	2.50	50	123.6	105	80 - 120	174.4	0.851	20	
Sulfate	102.7	2.50	50	51.21	103	80 - 120	101.5	1.14	20	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: R466957 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **16-May-2024 10:21**
Client ID: Run ID: **ICS-Integrion_466957** SeqNo: **8014498** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	ND	0.100								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **16-May-2024 10:27**
Client ID: Run ID: **ICS-Integrion_466957** SeqNo: **8014499** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	4.113	0.100	4	0	103	90 - 110				

MS Sample ID: **HS24050929-01MS** Units: **mg/L** Analysis Date: **16-May-2024 13:27**
Client ID: Run ID: **ICS-Integrion_466957** SeqNo: **8014524** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	6.318	0.100	2	4.411	95.3	80 - 120				

MS Sample ID: **HS24050764-01MS** Units: **mg/L** Analysis Date: **16-May-2024 10:51**
Client ID: Run ID: **ICS-Integrion_466957** SeqNo: **8014503** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	1.972	0.100	2	0.0157	97.8	80 - 120				

MSD Sample ID: **HS24050929-01MSD** Units: **mg/L** Analysis Date: **16-May-2024 13:33**
Client ID: Run ID: **ICS-Integrion_466957** SeqNo: **8014525** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	6.24	0.100	2	4.411	91.5	80 - 120	6.318	1.24	20	

MSD Sample ID: **HS24050764-01MSD** Units: **mg/L** Analysis Date: **16-May-2024 10:57**
Client ID: Run ID: **ICS-Integrion_466957** SeqNo: **8014504** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	1.975	0.100	2	0.0157	98.0	80 - 120	1.972	0.198	20	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: R467050 (0) **Instrument:** Balance1 **Method:** TOTAL SUSPENDED SOLIDS BY EPA 160.2

MBLK Sample ID: **WMBLK-05172024** Units: **mg/L** Analysis Date: **17-May-2024 11:00**
Client ID: Run ID: **Balance1_467050** SeqNo: **8016341** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	ND	2.50								

DUP Sample ID: **HS24050830-01 DUP** Units: **mg/L** Analysis Date: **17-May-2024 11:00**
Client ID: **Permit Renewal** Run ID: **Balance1_467050** SeqNo: **8016339** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	18.8	2.50					18.8	0	20	

LCS1 Sample ID: **WLCS-05172024** Units: **mg/L** Analysis Date: **17-May-2024 11:00**
Client ID: Run ID: **Balance1_467050** SeqNo: **8016340** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	95	2.50	100	0	95.0	85 - 115	0		0	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: R467068 (0) **Instrument:** Balance1 **Method:** TOTAL DISSOLVED SOLIDS BY EPA 160.1

MBLK Sample ID: **WMBLK-05162024** Units: **mg/L** Analysis Date: **16-May-2024 12:00**
Client ID: Run ID: **Balance1_467068** SeqNo: **8016630** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	ND	10.0								

LCS Sample ID: **WLCS-05162024** Units: **mg/L** Analysis Date: **16-May-2024 12:00**
Client ID: Run ID: **Balance1_467068** SeqNo: **8016629** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	942	10.0	1000	0	94.2	85 - 115				

DUP Sample ID: **HS24050830-01 DUP** Units: **mg/L** Analysis Date: **16-May-2024 12:00**
Client ID: **Permit Renewal** Run ID: **Balance1_467068** SeqNo: **8016628** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	512	10.0					518	1.17	20	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: R467328 (0) **Instrument: Balance1** **Method: OIL & GREASE (HEM) BY E1664A**

MBLK Sample ID: **WMBLK-05222024** Units: **mg/L** Analysis Date: **22-May-2024 07:00**
Client ID: Run ID: **Balance1_467328** SeqNo: **8022645** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	ND	2.00								

LCS Sample ID: **LCS-05222024** Units: **mg/L** Analysis Date: **22-May-2024 07:00**
Client ID: Run ID: **Balance1_467328** SeqNo: **8022643** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	43.7	2.00	40	0	109	78 - 114				

LCSD Sample ID: **LCSD-05222024** Units: **mg/L** Analysis Date: **22-May-2024 07:00**
Client ID: Run ID: **Balance1_467328** SeqNo: **8022644** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	43.2	2.00	40	0	108	78 - 114	43.7	1.15	18	

MS Sample ID: **HS24051018-02MS** Units: **mg/L** Analysis Date: **22-May-2024 07:00**
Client ID: Run ID: **Balance1_467328** SeqNo: **8022632** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	40.7	2.00	40	2.545	95.4	78 - 114				

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: HS24050830

QC BATCH REPORT

Batch ID: R467921 (0) **Instrument:** WetChem_HS **Method:** SPECIFIC CONDUCTANCE BY E120.1, 1982

MBLK Sample ID: **MBLK-R467921** Units: **umhos/cm** Analysis Date: **29-May-2024 13:40**
Client ID: Run ID: **WetChem_HS_467921** SeqNo: **8035486** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Specific Conductance	ND	5.00								

LCS Sample ID: **LCS-R467921** Units: **umhos/cm** Analysis Date: **29-May-2024 13:40**
Client ID: Run ID: **WetChem_HS_467921** SeqNo: **8035485** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Specific Conductance	1152	5.00	1413	0	81.5	80 - 120				

DUP Sample ID: **HS24050830-01DUP** Units: **umhos/cm** Analysis Date: **29-May-2024 13:40**
Client ID: **Permit Renewal** Run ID: **WetChem_HS_467921** SeqNo: **8035482** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Specific Conductance	1089	5.00					1088	0.0919	20	

The following samples were analyzed in this batch: HS24050830-01

Client: Weishuhn Engineering, Inc.
Project: Titan
WorkOrder: **HS24050830**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624 - 2024	31-Dec-2024
Oklahoma	2023-140	31-Aug-2024
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2024

Sample Receipt Checklist

Work Order ID: HS24050830 **Date/Time Received:** **15-May-2024 11:25**

Client Name: Weishuhn **Received by:** **Monica Smith**

Completed By: /S/ Monica Smith (eSignature) 15-May-2024 11:56 (Date/Time) **Reviewed by:** /S/ Anna Kinchen (eSignature) 16-May-2024 10:00 (Date/Time)

Matrices: **water** Carrier name: **Client**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:317578
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	5.6 uc/5.7 c	IR31	
Cooler(s)/Kit(s):	46342		
Date/Time sample(s) sent to storage:	05/15/2024 1157		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070

Chain of Custody Form

Page _____ of _____

COC ID: 317578

HS24050830

Weishuhn Engineering, Inc.
Titan

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	Need	Project Name	Titan	A	CBOD
Work Order		Project Number		B	TSS_W 160.2
Company Name	Weishuhn Engineering, Inc.	Bill To Company	Weishuhn Engineering, Inc.	C	Ammonia/TKN/Phosphorus
Send Report To	James Weishuhn	Invoice Attn	Barbara Weishuhn	D	NO3/SO4/CL/pH
Address	P.O. Box 358 425 Spring Street Suite 102	Address	P.O. Box 358 425 Spring Street Suite 102	E	Cond/TDS/Res CL
				F	SUB_E. Coli
City/State/Zip	Columbus, TX 78934	City/State/Zip	Columbus TX 78934	G	O&G_1664_W_HS
Phone	(979) 732-6997	Phone	(979) 732-6997	H	
Fax	(979) 732-6997	Fax	(979) 732-6997	I	
e-Mail Address	weishuhnengineering@gmail.com	e-Mail Address	weishuhnengineering@gmail.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	PERMIT RENEWAL	5/15/24	9:15	W		9	✓	✓	✓	✓	✓	✓	✓				
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Field pH: 7.18 & Calib to pH 4.01 & 10.00
Temp. 23.35

Sampler(s) Please Print & Sign: ZACHARY LESIKAR / Zachary Lesikar

Shipment Method: SELF

Required Turnaround Time: (Check Box) ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Relinquished by:	Date: 5/15/24	Time: 11:25	Received by:	Notes: Weishuhn - Titan	
Relinquished by:	Date: 11 25	Time: 5-15-24	Received by (Laboratory):	Cooler ID	Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	46348	5.4

QC Package: (Check One Box Below)
☒ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

JLH 31 cf +.1

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

29 May 2024

ALS Group USA, Corp.
Attn: Accounts Payable
10450 Stancliff Rd. Suite #210
Houston, TX 77099

ALS

Enclosed are the results of analyses for samples received by the laboratory on 15-May-24 15:00. The analytical data provided relates only to the samples as received in this laboratory report.

ELI certifies that all results are NELAP compliant and performed in accordance with the referenced method except as noted in the Case Narrative or as noted with a qualifier. Any reproductions of this laboratory report should be in full and only with the written authorization from the client.

The total number of pages in this report is 5

Thank you for selecting ELI for your analytical needs. If you have any questions regarding this report, please contact us.

Sincerely,

Julie Peterson
Client Services Representative

Certificate No: T104704265-22-20

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: ALS Group USA, Corp.
Project: ALS
Work Order: 24E2199

Reported:
29-May-24 08:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HS 24050830-01	24E2199-01	Water	15-May-24 09:15	15-May-24 15:00

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client:	ALS Group USA, Corp.
Project:	ALS
Work Order:	24E2199

Reported:
29-May-24 08:41

HS 24050830-01

24E2199-01 (Water) Sampled: 15-May-24 09:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
Envirodyne Laboratories, Inc.										
Microbiology										
E.coli	> 2420	1	MPN/100 mL	1	B4E5287	15-May-24	15-May-24 15:10	SM9223 B	LN	

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client:	ALS Group USA, Corp.
Project:	ALS
Work Order:	24E2199

Reported:
29-May-24 08:41

Microbiology - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4E5287 - Microbiology										
Blank (B4E5287-BLK1)				Prepared & Analyzed: 15-May-24						
E.coli	<1	1	MPN/100 mL							
Duplicate (B4E5287-DUP1)		**Source: 24E1241-01**		Prepared & Analyzed: 15-May-24						
E.coli	<2	2	MPN/100 mL		<2			0	0.402	

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client:	ALS Group USA, Corp.
Project:	ALS
Work Order:	24E2199

Reported:
29-May-24 08:41

Notes and Definitions

>	> 2420
ND	Analyte NOT DETECTED at or above the reporting limit
<	Result is less than the RL
a	Analyte not available for TNI/NELAP accreditation
n	Not accredited

24E2199

10450 Stancliff Rd, Ste 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887
www.alsglobal.com

Subcontract Chain of Custody

SAMPLING STATE: **Texas** **COC ID:** **25657**

SUBCONTRACT TO:

Envirodyne Laboratories, Inc.
11011 Brooklet, Ste 230
Houston, TX 77099

Phone: +1 281 568 7880

CUSTOMER INFORMATION:

Company:	ALS Houston
Contact:	Anna Kinchen
Address:	10450 Stancliff Rd, Ste 210
Phone:	+1 281 530 5656
Email:	anna.kinchen@alsglobal.com
Alternate Contact:	Jumoke M. Lawal
Email:	jumoke.lawal@alsglobal.com

INVOICE INFORMATION:

Company:	ALS Houston
Contact:	Accounts Payable
Address:	10450 Stancliff Rd, Ste 210
Phone:	+1 281 530 5656
Reference:	HS24050830
TSR:	Houston House Acct

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
1.	**HS24050830-01**	**Permit Renewal**	**Water**	**15 May 2024 09:15**
	SUB_E. Coli			29 May 2024

Comments: Please analyze for the analysis listed above.
Send report to the emails shown above.

QC Level: STD (Laboratory Standard QC: method blank and LCS required)

Relinquished By: D.S. Date/Time: 5.15.24 1500

Received By: Date/Time: 5.15.24 1508

Cooler ID(s): Temperature(s): 4.1/4.1 IR#4

ATTACHMENT L

Liner Certification

WEISHUHN ENGINEERING, INC. F-66
ENVIRONMENTAL & ENGINEERING SOLUTIONS

P.O. Box 358 • Columbus, TX 78934-0358 • (979) 732-6997 • wei-eng.com

September 29, 2021

Texas Commission on Environmental Quality
Water Quality Assessment Team (MC-150)
P.O. Box 13087
Austin, TX 78711-3087

Texas Commission on Environmental Quality
Compliance Monitoring Section (MC-224)
P.O. Box 13087
Austin, TX 78711-3087

Texas Commission on Environmental Quality
Regional Office (MC-Region 12)
5425 Polk St, Ste H
Houston TX 77023-1452

Re: Newly-Constructed Wastewater Pond Liner Certification, Titan Production Equipment, LLC
Special Provision 10, Permit No. WQ0011975001, 2207 FM 949 Alleyton, TX,

Dear TCEQ Members:

In accordance with Special Provision 10 of the aforementioned Permit, this correspondence serves as the liner certification for a newly-constructed wastewater effluent holding pond at the aforementioned location. The liner system was constructed at the facility in the summer of 2021 by Mustang Extreme Environmental Services (Mustang). A plan view of the pond is provided as Figure 1 in Attachment A.

A high density polyethylene liner system was installed in the pond because the clay soils at the location were likely to not exhibit permeabilities of 1×10^{-7} cm/s. The liner system consists of the following components:

- Primary (top) liner of 40 mil black smooth high density polyethylene liner;
- Geonet 220 for leachate detection and collection;
- Secondary (bottom) liner of 30 mil black smooth high density polyethylene liner; and
- 4" perforated piping and river rock leak detection system.

Mustang's summary of the work and quality assurance testing is provided in Attachment B. Photographs of the completed work are provided in Attachment C.

The following table summarizes how the liner meets the requirements of *30 TAC 217.203*:

30 TAC 217.203 Provision	***Rule Description***	***Description of How Pond/Liner Meets the Rule***
(a)	Applicability of Section	Applicability of Rule, No Requirement
(b)	Flow Distribution	Influent and Effluent piping is separated by approximately 100’
(c)	Windbreaks and Screening	Operation of facility has piping on side slopes of pond and will not cause spray
(d)(1)	Liner Permeability	Two layers of high density polyethylene (HDPE) liner were used and they exhibit permeabilities of less then 1 X 10^{-7} cm/s
(d)(2)	Liner Placement	The liner extends from the lowest elevation to the top of the berm and provided for two-feet of liner above normal water elevation in the pond
(d)(3)	Reclaimed Water Requirement	Not applicable, the wastewater is not classified as reclaimed water
(e)(1)	Soil Liner Requirements	Not applicable, a HDPE was installed in the pond
(e)(2)	Soil Liner Construction	Not applicable, a HDPE liner was installed in the pond
(e)(3)(A)	Synthetic Membrane Liners Thickness	A 40 mil and a 30 mil liner HDPE were installed in the pond
(e)(3)(B)	Synthetic Membrane Liner Underdrain and Leak Detection	A layer of geogrid was installed between the 40 mil and the 30 mil HDPE liner. The interstitial space formed by the geogrid is hydraulically connected to river rock and perforated pipe in the southwest corner of the pond. A 6-inch diameter pipe completed at the top of the berm from the perforated pipe present in the river rock provides an operator accessible point to check for the presence of water between the 40 mil and the 30 mil HDPE liners.
(e)(3)(C)	Sunlight Resistance	HDPE is recognized as being sunlight resistant
(e)(3)(D)	Soil Compaction	The HDPE liner was installed over native, undisturbed clay soils
(f)(1)	Embankment Width	The top embankment is a minimum of 10-feet wide
(f)(2)	Embankment Slopes	The embankment slopes are 3:1. This slope is suitable because clay soils are structurally sound on 3:1 slopes and the slope faces are protected from water and wave action by the HDPE liner on the inner slope. Finally, vegetation control is not required on the inner slope faces because of the liner’s presence. 3:1 slopes can be traversed by equipment on the outer slopes for vegetation control

(f)(3)	Embankment Slopes	The embankment slopes are 3:1.
(f)(4)	Erosion Protection	The inner slope faces are protected from erosion by the liner. The outer slope faces are protected from erosion by vegetation.
(f)(5)	Topsoil	Clay loam type soil is present on the unlined portions of the embankment
(g)	Disinfection	A detention time of 87 days in a plant-free water with full sun exposure will be provided by the pond
(h)	Sampling Point Significance	The size of the upstream treatment units is not based on the design of the pond.
(i)	Stormwater Drainage	Raised berms decrease the likelihood of stormwater entering into the pond
(j)	Piping	Not applicable, the pond is not a natural system.
(k)(1)	Freeboard	The pond area is less than 20 acres and provides for 2.0-feet of freeboard above the normal operating level. The normal operating level is 5-feet of water depth for one 87-days of flow at 6,000 gpd The pond depth is 7-feet. Accordingly, 5-feet of free board is provided.
(k)(2)	Freeboard	Not applicable. The pond area is less than 20 acres.
(k)(3)	Constructed Wetland Cell Freeboard	Not applicable. The pond is not a constructed wetland cell.
(l)	Prohibition of Synthetic Liners for Constructed Wetland	Not applicable. The pond is not a constructed wetland cell.

The following table summarizes how the liner meets the requirements of *30 TAC 309.13:*

30 TAC 309.13 Provision	***Rule Description***	***Description of How Pond/Liner Meets the Rule***
(a)	100-year flood plain	100-year flood plains are not present on the Property. See Attachment D
(b)	Wetlands	Wetlands are not present on the Property. See Attachment E
(c)	Public Water Supply Well Setback	The effluent pond is at least 500-feet from the public water supply well on the Property as shown on Figure 2, Attachment A.
(c)(1)	Private Water Supply Well Setback	The irrigated area is greater than 150-feet from private water supply wells because the irrigated area is set back 150-feet from all property lines and there are no wells in the onsite buffer areas.
(c)(2)	Public Water Supply Tank Setback	The effluent pond is approximately 500-feet from the public water supply tanks as shown on Figure 2, Attachment A.

(c)(3)	Public Water Supply Well Setback	The effluent pond and irrigation area are at least 500-feet from the public water supply well on the Property as shown on Figure 2, Attachment A.
(c)(4)	Public Water Supply Well Setback	The effluent pump station is greater than 300-feet from the pubic water supply well as shown on Figure 2, Attachment A.
(c)(5)	Surface Water Treatment Plant Setback	Not applicable, there are no surface water treatment plants in the area.
(d)	Recharge Zone Requirements	A 40 mil and a 30 mil HDPE liner were installed for the project.
(e)(1)	Odor Control	The effluent pond does not have zones of anaerobic activity and the effluent pond and the irrigation areas are greater than 150-feet from the property lines as shown on Figure 2, Attachment A.
(e)(2)	Odor Control	This provision is not applicable because treated water will be present in the pond.
(e)(3)	Residential Structures in Buffer Zone	Not Applicable. The buffer zone is owned by the Permittee.
(f)	Buffer Zone Variances	Not Applicable. The wastewater treatment units meet the buffer zone requirements.
(g)	Approved Alternatives	Not Applicable. The Permitte has not requested alternatives.
(h)	Permit Renewal for plans and specifications approved prior to March 1, 1990	Not Applicable. New pond constructed in 2021
(i)	Permit Renewal for plans and specifications approved prior to March 1, 1990	Not Applicable. New pond constructed in 2021

We appreciate the opportunity to submit this certification report to the Texas Commission on Enivironmental Quality. Please contact me at (979) 732-6997 or by electronic mail at weishuhnengineering@gmail.com with questions or comments.

Certification

I certify that the effluent pond detailed in this submittal was constructed to comply with the standards established in 30 TAC 217.203 and 30 TAC 309.13.

James W. Weishuhn 9-29-2021

STATE OF TEXAS
JAMES W. WEISHUHN
69128
LICENSED
PROFESSIONAL ENGINEER

James W. Weishuhn, P.E.

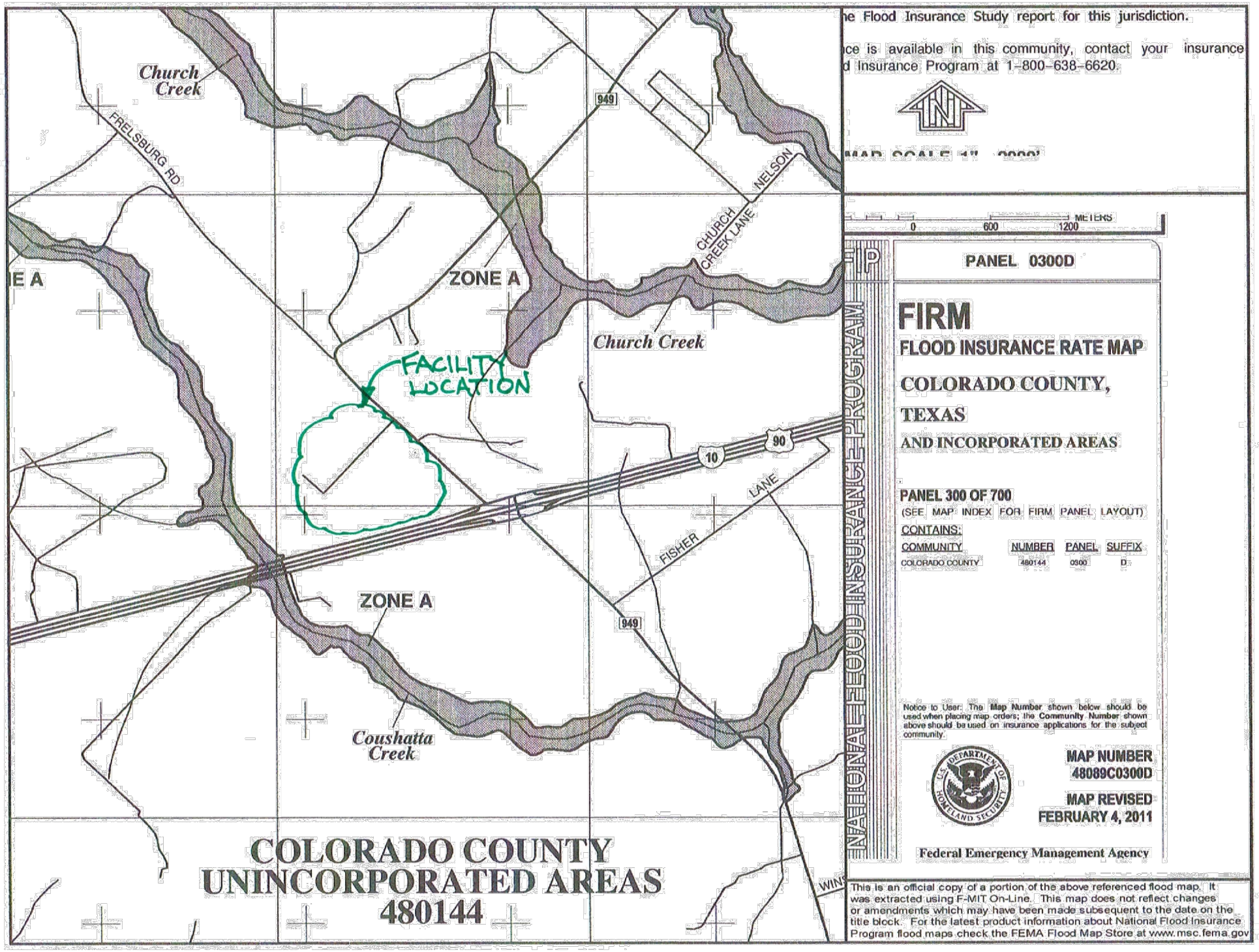
F-66

Attachments

cc: Justin Brantly, Titan PEQ
Mike Grimland, Titan PEQ

ATTACHMENT M

FEMA Firmette Flood Map



S:\Titan\TLAP TPDES\TLAP 2025\Attachment M Flood Map.dwg

ATTACHMENT N

Annual Cropping Plan

Attachment N

Annual Cropping Plan

Existing Vegetation (Native grasses and Common Bermuda grass) utilized for hay production are grown on the entire ten acres of the Land Application Area. The growing season is from April until October.

The irrigation area will be overseeded with Gulf Rye in September to provide for a winter grass capable of providing a water need during November thru February.

Grass will be harvested when it achieves a height of approximately 12 inches.

The grasses are harvested by cutting, drying, raking, and baling. The harvest goal is three cuts per year for a yield of approximately 30 tons of hay per year.

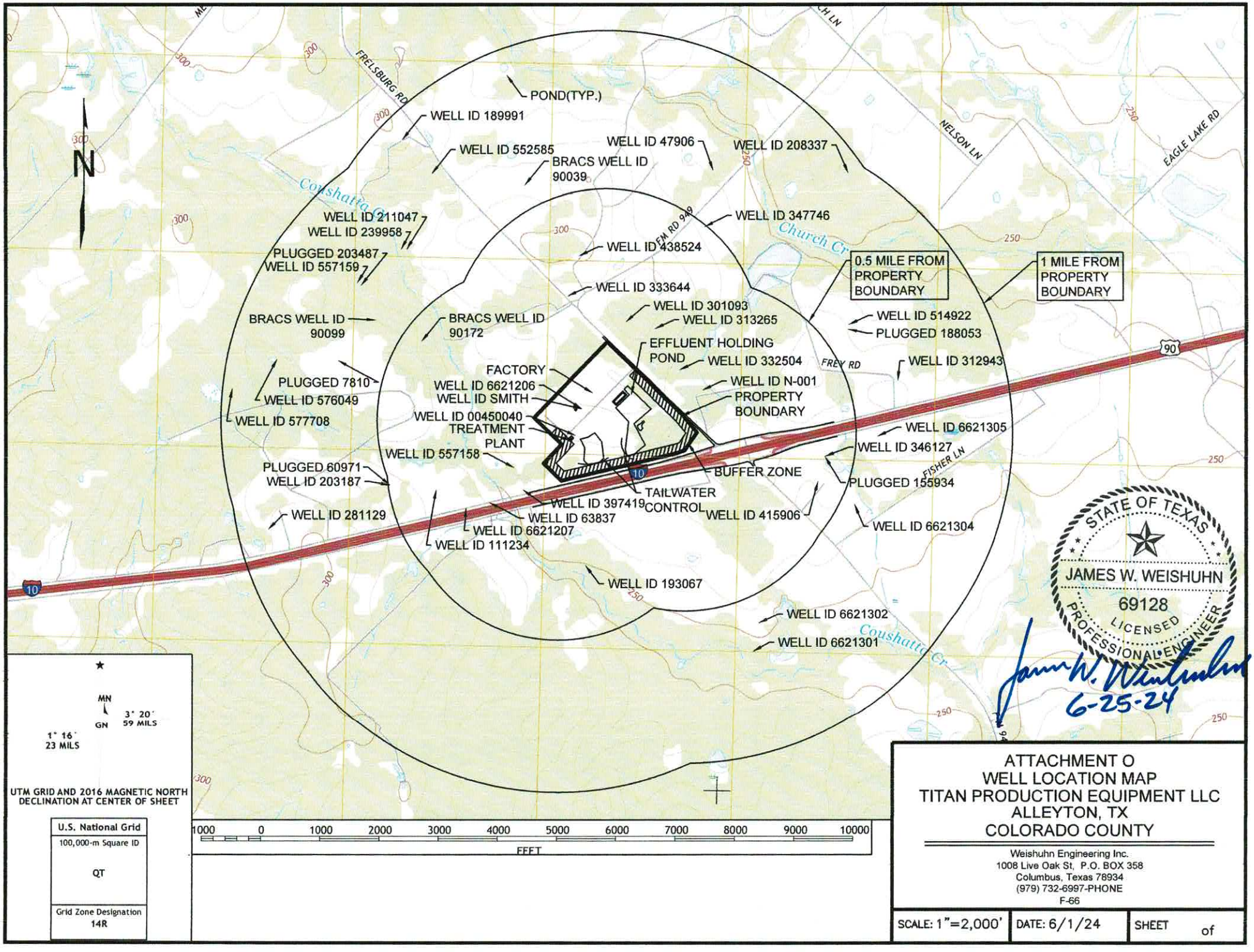
Nitrogen loading requirements vary significantly but range from 200 to 800 pounds per year. Laboratory analytical data estimates 35 pounds of nitrogen per crop. Titan Production Equipment, LLC does not supplement additional nitrogen or water to the land application area.

The grasses present are salt tolerant.

No supplemental watering.

ATTACHMENT O

Well Location Map/Well Information



ATTACHMENT O
WELL LOCATION MAP
TITAN PRODUCTION EQUIPMENT LLC
ALLEYTON, TX
COLORADO COUNTY

Weishuhn Engineering Inc.
1008 Live Oak St, P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: 1"=2,000'	DATE: 6/1/24	SHEET of

G:\Titan\TLAP TPDES\TLAP 2025\Attachment O Well Location Map.dwg

STATE OF TEXAS PLUGGING REPORT for Tracking #7810

Owner:	**Wayne Brunner**	Owner Well #:	**No Data**
Address:	**5636 I-10 Alleyton, TX 78934**	Grid #:	**66-21-2**
Well Location:	**5636 I-10 Alleyton, TX 78934**	Latitude:	**29° 43' 44" N**
		Longitude:	**096° 26' 15" W**
Well County:	**Colorado**	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: **No Data**

Plugging Information

Date Plugged: **7/11/2002** Plugger: **Wayne Fleck**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet**

Casing Left in Well:

Dia (in.)	*Top (ft.)*	*Bottom (ft.)*
4	**2**	**140**

Plug(s) Placed in Well:

Top (ft.)	*Bottom (ft.)*	*Description (number of sacks & material)*
0	**2**	**2 Cem**
2	**140**	**18 Ben**

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: **Stetson Water Well Drilling**

P.O. Box 301
Gonzales, TX 78629

Driller Name: **Wayne Fleck** License Number: **54241**

Comments: **Logged by TF**

STATE OF TEXAS WELL REPORT for Tracking #47906

Owner:	**Allen Wendel**	Owner Well #:	**No Data**
Address:	**2381 Fm 949 Cat Spring, TX 78933**	Grid #:	**66-21-2**
Well Location:	**2381 Fm 949 Cat Spring, TX 78933**	Latitude:	**29° 44' 12" N**
		Longitude:	**096° 25' 01" W**
Well County:	**Colorado**	Elevation:	**261 ft. above sea level**

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

Drilling Start Date: **9/27/2004** Drilling End Date: **9/28/2004**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**93**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**21**	**6 cement**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **measured by owner**

Surface Completion: **Pitless Adapter Used**

Water Level: **54 ft.** below land surface on **2004-09-28** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **Submersible** Pump Depth (ft.): **85**

Well Tests: **Jetted** **Yield: 12 GPM**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
80 - 91	**good**

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: **Neuendorff's Water Well Svc., Inc**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**6**	**Topsoil**
6	**17**	**Sandy Red Clay**
17	**61**	**C Sand w/few Clay streaks**
61	**80**	**Brown & White Clay w/Rock streaks**
80	**91**	**M Sand**
91	**93**	**W Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 - 81
4 N s/40 pvc SFSS 81 - 91 .008"
4 N s/40 pvc 91 - 93

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 PLUGGING REPORT for Tracking #60971

Owner:	**Hugh Toepperwein**	Owner Well #:	**No Data**
Address:	**4861 Hwy 90 Alleyton, TX 78935**	Grid #:	**66-21-2**
Well Location:	**4861 Hwy 90 Alleyton, TX 78935**	Latitude:	**29° 43' 21" N**
		Longitude:	**096° 26' 00" W**
Well County:	**Colorado**	Elevation:	**No Data**

Well Type: **Withdrawal of Water**

Drilling Information

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

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

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8**		**85**

Plugging Information

Date Plugged: **12/22/2009** Plugger: **Matt Priest**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet**

Casing Left in Well:

Dia (in.)	*Top (ft.)*	*Bottom (ft.)*
8	**1**	**85**

Plug(s) Placed in Well:

Top (ft.)	*Bottom (ft.)*	*Description (number of sacks & material)*
1	**20**	**10 cement**
20	**85**	**35 bentonite**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Matt Priest** Apprentice Number: **57583**

Comments: **No Data**

STATE OF TEXAS WELL REPORT for Tracking #63837

Owner:	**Milrid Skutca**	Owner Well #:	**No Data**
Address:	**4959 Hwy 90A Alleyton, TX 78935**	Grid #:	**66-21-2**
Well Location:	**4959 Hwy 90A Alleyton, TX 78935**	Latitude:	**29° 43' 19" N**
		Longitude:	**096° 25' 45" W**
Well County:	**Colorado**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/26/2005** Drilling End Date: **5/31/2005**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**10**
6.75	**10**	**96**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**10**	
10	**74**	**7**

Seal Method: **Pumped**

Sealed By: **Unknown**

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: **taped**

Surface Completion: **Surface Slab Installed**

Water Level: **56 ft.** below land surface on **2005-05-30** Measurement Method: **Unknown**

Packers: **no packers**

Type of Pump: **Submersible** Pump Depth (ft.): **80**

Well Tests: **Jetted** **Yield: 30+ GPM with 0 ft. drawdown after 3 hours**

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: **Skutca Water Well**

1013 Dungens Mill
Columbus, TX 78934

Driller Name: **Bennie Joe Skutca** License Number: **2704**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**top-soil**
2	**40**	**white & yellow clay**
40	**60**	**sand & pea-gravel**
60	**84**	**yellow clay**
84	**96**	**brown sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**n**	**pvc**	**0-76 #40**
4	**n**	**pvc**	**76-96 .012**

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 #111234

Owner:	**Travis Pilsner**	Owner Well #:	**No Data**
Address:	**4941 Hwy 90 Alleyton, TX 78933**	Grid #:	**66-21-2**
		Latitude:	**29° 43' 23" N**
Well Location:	**4941 Hwy 90 Alleyton, TX 78933**	Longitude:	**096° 25' 53" W**
Well County:	**Colorado**	Elevation:	**No Data**

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

Drilling Start Date: **3/19/2007** Drilling End Date: **3/22/2007**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**10**
6.75	**10**	**92**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**10**	

Seal Method: **hand mix**

Sealed By: **Driller**

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 septic**

Surface Completion: **Surface Slab Installed**

Water Level: **65 ft.** below land surface on **2007-03-21** Measurement Method: **Unknown**

Packers: **shirt-tail 10**
rubber 53

Type of Pump: **Submersible** Pump Depth (ft.): **87**

Well Tests: **Jetted** **Yield: 12 GPM with 0 ft. drawdown after 4 hours**

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: **Skutca Water Well**

1013 Dungens Mill
Columbus, TX 78934

Driller Name: **Bennie Joe Skutca** License Number: **2704**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**top-soil**
2	**53**	**yellow clay**
53	**54**	**rock**
54	**92**	**sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**n**	**pvc**	**0-72 #40**
4	**n**	**pvc**	**72-92 .012**

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 PLUGGING REPORT for Tracking #155934

Owner:	**Headwaters Construction Materials LLC**	Owner Well #:	**OP-A-0115**
Address:	**2088 FM 949, Alleyton Alleyton, TX 78934**	Grid #:	**66-21-3**
Well Location:	**2088 FM 949 Alleyton, TX 78935**	Latitude:	**29° 43' 27" N**
Well County:	**Colorado**	Longitude:	**096° 24' 40" W**
		Elevation:	**280**

Well Type: **Industrial**

Drilling Information

Company: **Neuendorff's Water** Date Drilled: **10/25/2013**

Driller: **Kenneth Edward Neuendorff** License Number: **2867**

Well Report Tracking #346127

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.5**	**0**	**325**

Plugging Information

Date Plugged: **2/12/2016** Plugger: **Kenny Neuendorff**

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.)*
4	**3**	**325**

Plug(s) Placed in Well:

Top (ft.)	*Bottom (ft.)*	*Description (number of sacks & material)*
3	**5**	**Cement 1 Bags/Sacks**
5	**325**	**Bentonite 1.1 Yards**

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: **Neuendorff's Water Well Service, Inc**

P.O Box 131
Columbus, TX 78934

Driller Name: **Kenneth Neuendorff** License Number: **2867**

Apprentice Name: **Bryan/Dj**

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #188053

Owner:	**Dustin Schramm**	Owner Well #:	**No Data**
Address:	**926 Sodalak Lane Sealy, TX 77474**	Grid #:	**66-21-3**
Well Location:	**2466 FM 949 Cat Spring, TX 78933**	Latitude:	**29° 43' 48" N**
		Longitude:	**096° 24' 36" W**
Well County:	**Colorado**	Elevation:	**No Data**

Well Type: **Domestic**

Drilling Information

Company: **Skutca Water Well** Date Drilled: **4/29/2019**

Driller: **Bennie Joe Skutca** License Number: **2704**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**10**
6.75	**10**	**313**

Plugging Information

Date Plugged: **5/1/2019** Plugger: **Bennie Joe Skutca**

Plug Method: **cement 0-10 8 cubic ft 10-313 bentonite and shavin**

Casing Left in Well:

No Data

Plug(s) Placed in Well:

Top (ft.)	*Bottom (ft.)*	*Description (number of sacks & material)*
0	**10**	**Cement 8 Cubic Feet**

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: **Skutca Water Well**

1013 Dungens Mill
Columbus, TX 78934

Driller Name: **Bennie Joe Skutca** License Number: **2704**

Comments: **No Data**

STATE OF TEXAS WELL REPORT for Tracking #189991

Owner:	**Jose Robles**	Owner Well #:	**1**
Address:	**1407 Sundarman Road Eagle Lake, TX 77434**	Grid #:	**66-21-2**
Well Location:	**1407 Sunarman Road Eagle Lake, TX 77434**	Latitude:	**29° 44' 18" N**
		Longitude:	**096° 26' 03" W**
Well County:	**Colorado**	Elevation:	**150 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/12/2009** Drilling End Date: **5/14/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**9**	**0**	**170**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**130**	**170**	**Gravel**	**1/8 inch**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**10**	**5 sack cement**
	10	**115**	**14 sacks grout**
	115	**125**	**3 sack benseal**

Seal Method: **trimmie**

Sealed By: **N. Yoakley**

Distance to Property Line (ft.): **200+**

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

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

Method of Verification: **sight**

Surface Completion: **Surface Slab Installed**

Water Level: **38 ft.** below land surface on **2009-06-14** Measurement Method: **Unknown**

Packers: **na**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 60 GPM with 15 ft. drawdown after 4 hours**

Water Quality:

Strata Depth (ft.)	Water Type
130	**fresh good**

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: **Terra Power Drilling**

9532 Fm 682
Yoakum, TX 77995

Driller Name: **Nathan Yoakley** License Number: **54752**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**20**	**dark clay**
20	**60**	**hard clay caliche**
60	**90**	**red clay**
90	**125**	**red and gray clay**
125	**170**	**fine, med and coarse gray sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
6 inch new plastic casing 0 to 130 shedule 40
6 inch new plasitic screen 130 to 170 .02 inch schedule 40

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 #193067

Owner:	**John W. Schindler**	Owner Well #:	**No Data**
Address:	**903 Old Lake Road Houston, TX 77057**	Grid #:	**66-21-2**
Well Location:	**xxx IH-10 East S Feeder Rd Columbus, TX 78934**	Latitude:	**29° 43' 09" N**
		Longitude:	**096° 25' 27" W**
Well County:	**Colorado**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Stock**

Drilling Start Date: **8/26/2009** Drilling End Date: **8/28/2009**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**158**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**21**	**17 cement**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **visual - none near**

Surface Completion: **Surface Sleeve Installed**

Water Level: **59 ft.** below land surface on **2009-08-28** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **Submersible** Pump Depth (ft.): **100**

Well Tests: **Jetted** **Yield: 70 GPM**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
115 - 154	**good**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Chris Jones** License Number: **2867**

Apprentice Name: **57466**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Sandy Topsoil**
2	**25**	**Red & Tan Clay**
25	**85**	**Sand & few Tan Clay streaks**
85	**115**	**White Clay**
115	**154**	**Sand**
154	**158**	**White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 - 123
4 N s/40 pvc SFSS 123 - 153 .010"
4 N s/40 pvc 153 - 158

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 #203187

Owner:	**Hugh Toepperwein**	Owner Well #:	**No Data**
Address:	**4861 Hwy 90 Alleyton, TX 78935**	Grid #:	**66-21-2**
Well Location:	**4861 Hwy 90 Alleyton, TX 78935**	Latitude:	**29° 43' 21" N**
		Longitude:	**096° 26' 00" W**
Well County:	**Colorado**	Elevation:	**No Data**

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

Drilling Start Date: **12/14/2009** Drilling End Date: **12/17/2009**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**165**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**21**	**14**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **none near - visual**

Surface Completion: **Surface Sleeve Installed**

Water Level: **80 ft.** below land surface on **2009-12-17** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **Submersible** Pump Depth (ft.): **120**

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

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
120 - 136	**good**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Chris Jones** Apprentice Number: **57466**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Topsoil**
3	**6**	**Red Clay**
6	**34**	**Wh & Tan Clay**
34	**45**	**Sand**
45	**50**	**Tan Clay**
50	**80**	**Sand**
80	**120**	**Tan Clay**
120	**136**	**Sand**
136	**145**	**Wh Clay**
145	**165**	**Red & Wh Clay w/Rock streaks**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 - 117
4 N s/40 pvc SFSS 117 - 137 .012"
4 N s/40 pvc 137 - 142

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 PLUGGING REPORT for Tracking #203487

Owner:	**Allan Richardson**	Owner Well #:	**No Data**
Address:	**5514 Lymbar Drive Houston, TX 77096**	Grid #:	**66-21-2**
Well Location:	**1762 Frelsberg Road Alleyton, TX 78935**	Latitude:	**29° 43' 54.48" N**
		Longitude:	**096° 26' 10.68" W**
Well County:	**Colorado**	Elevation:	**308**

Well Type: **Domestic**

Drilling Information

Company: **NEUENDORFF'S WATER WELL SERVICE INC** Date Drilled: **10/2/2020**

Driller: **BRYAN ELLIOTT NEUENDORFF** License Number: **60140**

Well Report Tracking #557159

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**205**

Plugging Information

Date Plugged: **10/3/2020** Plugger: **Bryan Neuendorff**

Plug Method: **Filled with new well cuttings and bentonite.**

Casing Left in Well:

No Data

Plug(s) Placed in Well:

Top (ft.)	*Bottom (ft.)*	*Description (number of sacks & material)*
0	**10**	**Concrete 9 Bags/Sacks**
10	**205**	**Bentonite 10 Bags/Sacks**

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: **NEUENDORFF'S WATER WELL SERVICE INC**

PO BOX 131
COLUMBUS, TX 78934

Driller Name: **Bryan Neuendorff** License Number: **60140**

Comments: **No Data**

STATE OF TEXAS WELL REPORT for Tracking #208337

Owner:	**Hal & Maria Wesley**	Owner Well #:	**No Data**
Address:	**P. O. Box 85 Pattison, TX 77466**	Grid #:	**66-21-3**
Well Location:	**1126 Nelson Lane Cat Spring, TX 78933**	Latitude:	**29° 44' 13" N**
		Longitude:	**096° 24' 34" W**
Well County:	**Colorado**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **12/29/2009** Drilling End Date: **12/31/2009**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**153**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**21**	**8 cement**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **none near yet**

Surface Completion: **Pitless Adapter Used**

Water Level: **43 ft.** below land surface on **2009-12-31** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **Submersible** Pump Depth (ft.): **120**

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

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
123 - 148	**good**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Chris Jones** Apprentice Number: **57466**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Topsoil**
3	**8**	**Bn Clay**
8	**30**	**Bn & Wh Clay w/sm Sand & Rock strks**
30	**75**	**Sand w/few Bn & Wh Clay strks**
75	**85**	**Tan & Wh Clay w/few Red Clay strks**
85	**112**	**Wh Clay**
112	**121**	**Sand & Rock**
121	**123**	**Wh Clay**
123	**148**	**Sand & Rock strks**
148	**153**	**Wh Clay & Rock strks**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 - 128
4 N s/40 pvc SFSS 128 - 148 .008"
4 N s/40 pvc 148 - 153

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 #211047

Owner:	**AKG**	Owner Well #:	**Heintschel #1**
Address:	**506 West 14th St. Suite B Austin, TX 78701**	Grid #:	**66-21-2**
Well Location:		Latitude:	**29° 44' 00" N**
	Columbus, TX	Longitude:	**096° 26' 00" W**
Well County:	**Colorado**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Rig Supply**

Drilling Start Date: **3/3/2010** Drilling End Date: **3/3/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**4**	**0**	**150**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

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: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **3 factory**

Type of Pump: **No Data**

Well Tests: **Jetted** **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: **Joe Ferguson Water Well Drilling**

P.O. Box 1007
Edna, TX 77957

Driller Name: **Darrell W Ferguson** License Number: **1804**

Apprentice Name: **Zachary J Ferguson** Apprentice Number: **58191**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**30**	**surface soil**
30	**65**	**sand**
65	**70**	**clay**
70	**74**	**sand**
74	**77**	**clay**
77	**80**	**sand**
80	**97**	**clay**
97	**132**	**sand**
132	**135**	**clay**
135	**150**	**coarse sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4" new pvc pipe 0-110
4" new commercial screens 110-150 .016

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 #239958

Owner:	**AKG**	Owner Well #:	**Heintschel#2**
Address:	**506 West 14th St. Suite B Austin, TX 78701**	Grid #:	**66-21-2**
		Latitude:	**29° 44' 00" N**
Well Location:	**Mentz Road TX**	Longitude:	**096° 26' 01" W**
Well County:	**Colorado**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Rig Supply**

Drilling Start Date: **12/6/2010** Drilling End Date: **12/6/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**4**	**0**	**150**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

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: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **3 factory**

Type of Pump: **No Data**

Well Tests: **Jetted** **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: **Joe Ferguson Water Well Drilling**

P.O. Box 1007
Edna, TX 77957

Driller Name: **Darrell W Ferguson** License Number: **1804**

Apprentice Name: **Zachary J Ferguson** Apprentice Number: **58191**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**30**	**surface soil**
30	**130**	**clay**
130	**150**	**coarse sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4" new pvc pipe 0-110
4" new commercial screens 110-150 .016

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 #281129

Owner:	**Tornado Combustion Technologies.**	Owner Well #:	**No Data**
Address:	**4831 Hwy 90 Columbus, TX 78934**	Grid #:	**66-21-2**
Well Location:	**4831 Hwy 90 Columbus, TX 78934**	Latitude:	**29° 43' 16" N**
		Longitude:	**096° 26' 25" W**
Well County:	**Colorado**	Elevation:	**291 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Industrial**

Drilling Start Date: **2/6/2012** Drilling End Date: **2/9/2012**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**380**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
25		**47**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **visual & measured**

Surface Completion: **Surface Sleeve Installed**

Water Level: **121 ft.** below land surface on **2012-02-09** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **Submersible** Pump Depth (ft.): **260**

Well Tests: **Jetted** **Yield: 75 GPM**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
290 - 375	**good**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Kyle Neuendorff** Apprentice Number: **58491**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 û 3 Topsoil
3 û 40 White Clay
40 û 95 Sand
95 û 130 Red Clay
130 û 140 Sand
140 û 145 Red Clay
145 û 165 Red Clay & Sand strks
165 û 175 Red Clay & Few Sand strks
175 û 190 Red & Wh Clay
190- 205 Sand
205 û 225 Sand & Rock
225 û 226 Sand
226 û 235 Sand & Rock strks
235 û 250 White Clay
250 û 265 White & Red Clay
265 û 280 Sandy Wh Clay
280 û 375 Sand & Rock strks

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 û 310
4 N s/40 pvc SFSS 310 û 370 .010ö
4 N s/40 pvc 370 - 375

375 û 380	**White Clay & Rock strks**

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 #301093

Owner:	**Robin Lattimore**	Owner Well #:	**No Data**
Address:	**2234 Fm 949 Alleyton, TX 78935**	Grid #:	**66-21-2**
Well Location:	**2234 Fm 949 Alleyton, TX 78935**	Latitude:	**29° 43' 47" N**
		Longitude:	**096° 25' 20" W**
Well County:	**Colorado**	Elevation:	**290 ft. above sea level**

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

Drilling Start Date: **8/28/2012** Drilling End Date: **8/29/2012**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**125**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
95	**125**	**Gravel**	**.062-.125"**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**15**	**9 cement**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **visual - none near yet**

Surface Completion: **Surface Sleeve Installed**

Water Level: **85 ft.** below land surface on **2012-08-29** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **Submersible** Pump Depth (ft.): **110**

Well Tests: **Pump** **Yield: 30 GPM with 6 ft. drawdown after 2 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
45 - 120	**good**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Kyle Neuendorff** Apprentice Number: **58491**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Topsoil**
3	**25**	**Tan & Wh Clay**
25	**45**	**Tan Clay**
45	**55**	**Course Sand**
55	**120**	**Pea Gravel & Sand**
120	**125**	**White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 - 100
4 N s/40 pvc SFSS 100 - 120 .012"
4 N s/40 pvc 120 - 125

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 #312943

Owner:	**Sidney Frey**	Owner Well #:	**No Data**
Address:	**1086 Frey Rd Alleyton, TX 78935**	Grid #:	**66-21-3**
Well Location:	**1086 Frey Rd Alleyton, TX 78935**	Latitude:	**29° 43' 39" N**
		Longitude:	**096° 24' 27" W**
Well County:	**Colorado**	Elevation:	**281 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **3/4/2013** Drilling End Date: **3/5/2013**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**141**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**23**	**8 cement**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **measured & visual**

Surface Completion: **Surface Sleeve Installed**

Water Level: **83 ft.** below land surface on **2013-03-05** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **Submersible** Pump Depth (ft.): **100**

Well Tests: **Jetted** **Yield: 30 GPM**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
45 - 137	**good**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Bryan Neuendorff** Apprentice Number: **58953**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Topsoil**
2	**25**	**Tan & Wh Clay**
25	**65**	**White Clay**
65	**85**	**C Sand & Gravel**
85	**137**	**Sand**
137	**141**	**White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 - 107
4 N s/40 pvc SFSS 107 - 137 .008"
4 N s/40 pvc 137 - 141

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 #313265

Owner:	**Robin Lattimore**	Owner Well #:	**No Data**
Address:	**2224 Fm 949 Alleyton, TX 78935**	Grid #:	**66-21-2**
Well Location:	**xxx Fm 949 Alleyton, TX 78935**	Latitude:	**29° 43' 46" N**
		Longitude:	**096° 25' 15" W**
Well County:	**Colorado**	Elevation:	**290 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **2/4/2013** Drilling End Date: **2/6/2013**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**114**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**20**	**9 cement**
20	**54**	**8 bentonite**

Seal Method: **Bentonite tremmied & concrete poured**

Sealed By: **nwwsi**

Distance to Property Line (ft.): **23**

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

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

Method of Verification: **measured & visual**

Surface Completion: **Surface Sleeve Installed**

Water Level: **88 ft.** below land surface on **2013-02-06** Measurement Method: **Unknown**

Packers: **3 - 4 x 7 rubber funnel @ 88', 89' & 90'.**

Type of Pump: **none yet**

Well Tests: **Jetted** **Yield: 5 GPM**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
54 - 110	**good**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Bryan Neuendorff** Apprentice Number: **58953**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**1**	**Topsoil**
1	**5**	**Or Clay**
5	**25**	**R & Wh clay**
25	**54**	**Wh Clay**
54	**110**	**Sand**
110	**114**	**Tan & Wh Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 - 90
4 N s/40 pvc Johnson WOP 90 - 110 .010"
4 N s/40 pvc 110 - 114

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 #332504

Owner:	**Justin Eschenburg**	Owner Well #:	**1**
Address:	**2190 FM 949 Alleytow, TX 78935**	Grid #:	**66-21-2**
		Latitude:	**29° 43' 40" N**
Well Location:	**2190 FM 949 Alleytow, TX 78935**	Longitude:	**096° 25' 11" W**
Well County:	**Colorado**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/9/2007** Drilling End Date: **10/9/2007**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.5**	**0**	**117**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**10**	**4 cement**

Seal Method: **hand mix**

Sealed By: **J.R. Davis**

Distance to Property Line (ft.): **100**

Distance to Septic Field or other concentrated contamination (ft.): **110**

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

Method of Verification: **measured**

Surface Completion: **Surface Sleeve Installed**

Water Level: **80 ft.** below land surface on **2007-10-09** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **105**

Well Tests: **Pump** **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
117	**fresh**

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:

Driller Name: **Jimmy Ray Davis** License Number: **3251**

Comments: **^CLH**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**surface soil**
4	**35**	**red & gray clay**
35	**50**	**sand**
50	**85**	**shale**
85	**117**	**coarse water sand & gravel**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**n**	**pvc**	**certainteed 0-97 40**
4	**n**	**pvc**	**slotted 97-117 .013**

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 #333644

Owner:	**Bennie Polasch**	Owner Well #:	**1**
Address:	**1924 Frelsburg Rd Columbus, TX 78931**	Grid #:	**66-21-2**
		Latitude:	**29° 43' 53" N**
Well Location:	**1924 Frelsburg Rd Columbus, TX**	Longitude:	**096° 25' 31" W**
Well County:	**Colorado**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **11/10/2011** Drilling End Date: **11/15/2011**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**10**
7.25	**10**	**350**

Drilling Method:

Borehole Completion:

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**10**	**12 concrete**

Seal Method: **surface ind**

Sealed By: **Driller**

Distance to Property Line (ft.): **750**

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

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

Method of Verification: **tapes**

Surface Completion: **Alternative Procedure Used**

Water Level: **110 ft.** below land surface on **2011-11-15** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **200**

Well Tests: **Jetted** **Yield: 40 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
290-330	**fresh**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **Unknown**

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: **Austin County Water Well Service, Inc.**

Driller Name: **Charles D. McDowell** License Number: **1874**

Comments: **^km**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**top soil**
3	**78**	**red clay**
78	**91**	**sand**
91	**290**	**yellow & red clay w/sandstones**
290	**330**	**sandstone & sand**
330	**350**	**yellow & grey shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**new**	**pvc**	**0-290**
4	**new**	**slotted**	**290-332 .010**

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 #346127

Owner:	**Headwaters Construction Materials LLC**	Owner Well #:	**OP-A-0115**
Address:	**2088 FM 949, Alleyton Alleyton, TX 78934**	Grid #:	**66-21-3**
		Latitude:	**29° 43' 27" N**
Well Location:	**2088 FM 949 Alleyton, TX 78935**	Longitude:	**096° 24' 40" W**
		Elevation:	**280 ft. above sea level**
Well County:	**Colorado**		

****This well has been plugged**** **Plugging Report Tracking #155934**

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

Drilling Start Date: **10/21/2013** Drilling End Date: **10/25/2013**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.5**	**0**	**325**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**15**	**10 cement**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **visual**

Surface Completion: **Surface Sleeve Installed**

Water Level: **82 ft.** below land surface on **2013-10-21** Measurement Method: **Unknown**

Packers: **6 - 4 x 7 rubber funnel @ 164', 165', 199', 200', 299' & 300'.**

Type of Pump: **none yet**

Well Tests: **Unknown** **Yield: 147 GPM**

Water Quality:

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

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: **Neuendorff's Water**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Kyle Neuendorff** Apprentice Number: **58491**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Concrete Rubble & Fill**
3	**25**	**Bn & Wh Clay**
25	**40**	**Sand & Rock strks**
40	**70**	**Wh Clay & Sand strks**
70	**100**	**Sand & Gravel**
100	**115**	**Wh Clay & Sand strks**
115	**130**	**Tan Clay**
130	**145**	**Sand & Wh Clay strks**
145	**165**	**Tan Clay & Rock strks**
165	**185**	**Sand**
185	**200**	**Tan Clay**
200	**230**	**Sand**
230	**235**	**Tan & Wh Clay**
235	**250**	**Tan & Wh Clay w/ sm Sand strks**
250	**295**	**Tan & Wh Clay**
295	**300**	**Tan Clay**
300	**320**	**Sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N s/40 pvc +2 - 165
4 N s/40 pvc SFSS 165 - 185 .012"
4 N s/40 pvc 185 - 200
4 N s/40 pvc SFSS 200 - 230 .012"
4 N s/40 pvc 230 - 300
4 N s/40 pvc SFSS 300 - 320 .010"
4 N s/40 pvc 320 - 325

320	**325**	**Tan Clay**

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 #347746

Owner:	**Alvin & Lisa Pavlicek**	Owner Well #:	**No Data**
Address:	**P. O. Box 234** **Schulenburg, TX 78956**	Grid #:	**66-21-2**
Well Location:	**xxx FM 949** **Alleyton, TX 78934**	Latitude:	**29° 44' 04" N**
		Longitude:	**096° 25' 02" W**
Well County:	**Colorado**	Elevation:	**268 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/25/2013** Drilling End Date: **10/28/2013**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**145**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**15**	**11**

Seal Method: **concrete poured**

Sealed By: **nwwsi**

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: **visual**

Surface Completion: **Surface Sleeve Installed**

Water Level: **54 ft.** below land surface on **2013-10-28** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **none yet**

Well Tests: **Jetted** **No Test Data Specified**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
not applicable		

Water Quality:

Strata Depth (ft.)	Water Type
120' - 140'	**good**

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: **Neuendorff's Water Well Svc., Inc.**

P. O. Box 131
Columbus, TX 78934

Driller Name: **Kenny Neuendorff** License Number: **2867**

Apprentice Name: **Kyle Neuendorff**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
0	**15**	**Topsoil & Red Clay**
15	**70**	**Sand**
70	**100**	**White Clay**
100	**120**	**White Clay w/few Sand strks**
120	**140**	**Sand**
140	**145**	**White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**N**	**s/40 pvc**	**+2 û 120**
4	**N**	**s/40 Johnson WOP**	**120 û 140 .010ö**
4	**N**	**s/40 pvc**	**140 - 145**

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 #397419

Owner:	**Roger Pilsner**	Owner Well #:	**No Data**
Address:	**4977 HWY 90 Alleyton, TX 78935**	Grid #:	**66-21-2**
Well Location:	**4977 HWY 90 Alleyton, TX 78935**	Latitude:	**29° 43' 22" N**
		Longitude:	**096° 25' 39" W**
Well County:	**Colorado**	Elevation:	**266 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **6/10/2015** Drilling End Date: **6/11/2015**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**100**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**15**	**5**

Seal Method: **Concrete Poured**

Sealed By: **nwwsi**

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: **Measured**

Surface Completion: **Surface Sleeve Installed**

Water Level: **60 ft.** below land surface on **2015-06-11** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **Submersible** Pump Depth (ft.): **80**

Well Tests: **Jetted** **Yield: 25 GPM**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
NA		

Water Quality:

Strata Depth (ft.)	Water Type
40-97	**good**

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: **Neuendorff's Water Well Service, Inc.**

P.O Box 131
Columbus, TX 78934

Driller Name: **Kenneth Neuendorff** License Number: **2867**

Apprentice Name: **Bryan - Dj**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Topsoil**
2	**40**	**Tan & White Clay**
40	**97**	**Sand**
97	**100**	**White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4 N pvc s/40 +2 - 77
4 N GCSS 77 - 97 .010
4 N pvc s/40 97 - 100

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 #415906

Owner:	**Headwaters Construction Materials LLC**	Owner Well #:	**OP-A-0115**
Address:	**2088 FM 949 Alleyton, TX 78935**	Grid #:	**66-21-3**
Well Location:	**2088 FM 949 Alleyton, TX 78935**	Latitude:	**29° 43' 24.38" N**
Well County:	**Colorado**	Longitude:	**096° 24' 39.55" W**
		Elevation:	**279 ft. above sea level**

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

Drilling Start Date: **2/8/2016** Drilling End Date: **2/12/2016**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**325**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**20**	**Concrete 52 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

Distance to Property Line (ft.): **100+**

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

Distance to Septic Tank (ft.): **100+**

Method of Verification: **Visual**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **92 ft.** below land surface on **2016-02-12** Measurement Method: **Steel Tape**

Packers: **Rubber at 190 ft.**
Rubber at 300 ft.

Type of Pump: **Submersible** Pump Depth (ft.): **160**

Well Tests: **Jetted** **Yield: 100+ GPM**

Water Quality:

Strata Depth (ft.)	Water Type
160 - 175	**Good**
190 - 205	**Good**
300 - 320	**Good**

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: **Neuendorff's Water Well Service, Inc**

P.O Box 131
Columbus, TX 78934

Driller Name: **Kenneth Neuendorff** License Number: **2867**

Apprentice Name: **Bryan - Dj**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Hard Road Base**
2	**40**	**Tan & White Clay**
40	**130**	**Sand**
130	**160**	**Orange & White Clay**
160	**175**	**Sand**
175	**190**	**Tan & White Clay**
190	**205**	**Sand**
205	**220**	**Tan & White Clay**
220	**250**	**White Clay W/ sand Strks**
250	**300**	**Brown & White Clay**
300	**319**	**Sand**
319	**325**	**Brown & White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Blank**	**New Plastic (PVC)**	**40**	**-2**	**160**
4	**Screen**	**New Plastic (PVC)**	**40 0.012**	**160**	**175**
4	**Blank**	**New Plastic (PVC)**	**40**	**175**	**190**
4	**Screen**	**New Plastic (PVC)**	**40 0.012**	**190**	**205**
4	**Blank**	**New Plastic (PVC)**	**40**	**205**	**300**
4	**Screen**	**New Plastic (PVC)**	**40 10**	**300**	**320**
4	**Blank**	**New Plastic (PVC)**	**40**	**320**	**325**

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 #438524

Owner:	**Britni Kotrla**	Owner Well #:	**No Data**
Address:	**2271 FM 949 Cat Spring, TX 78933**	Grid #:	**66-21-2**
		Latitude:	**29° 43' 58.9" N**
Well Location:	**2271 FM 949 Cat Spring, TX 78933**	Longitude:	**096° 25' 29.04" W**
Well County:	**Colorado**	Elevation:	**299 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **11/3/2016** Drilling End Date: **11/11/2016**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**335**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**15**	**Concrete 12 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

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

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

Distance to Septic Tank (ft.): **50+**

Method of Verification: **visual**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **128 ft.** below land surface on **2016-11-11** Measurement Method: **Steel Tape**

Packers: **No Data**

Type of Pump: **Set By Tipp Water Well**

Well Tests: **Jetted** **Yield: 80 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
291 - 331	**Good**

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: **Neuendorff's Water Well Service, Inc**

P.O Box 131
Columbus, TX 78934

Driller Name: **Kenneth Neuendorff** License Number: **2867**

Apprentice Name: **Bryan Neuendorff**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Top Soil**
2	**40**	**White & Tan Clay**
40	**98**	**Sand**
98	**104**	**White Clay**
104	**112**	**Sand**
112	**133**	**White Clay**
133	**138**	**Sand**
138	**165**	**White Clay**
165	**245**	**White & Yellow Clay & Shale**
245	**265**	**White & Red Clay**
265	**295**	**Yellow, Brown, Red, White Clay & Shale**
295	**310**	**Sand**
310	**318**	**Yellow & Brown Clay**
318	**330**	**Sand**
330	**335**	**Yellow & Brown Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Blank**	**New Plastic (PVC)**	**40**	**-2**	**291**
4	**Screen**	**New Plastic (PVC)**	**40 0.010**	**291**	**331**
4	**Blank**	**New Plastic (PVC)**	**40**	**331**	**335**

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 #514922

Owner:	**Dustin Schramm**	Owner Well #:	**No Data**
Address:	**926 Sodalak lane Sealy, TX 77474**	Grid #:	**66-21-3**
		Latitude:	**29° 43' 48" N**
Well Location:	**2466 FM949 Cat Spring, TX 78933**	Longitude:	**096° 24' 36" W**
Well County:	**Colorado**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/1/2019** Drilling End Date: **5/9/2019**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**10**
6.75	**10**	**137**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**10**	**Cement 6 Cubic Feet**
10	**117**	**Bentonite 1.5 Yards**

Seal Method: **Hand Mixed**

Sealed By: **Driller**

Distance to Property Line (ft.): **200+**

Distance to Septic Field or other concentrated contamination (ft.): **no septic**

Distance to Septic Tank (ft.): **no septic**

Method of Verification: **visual**

Surface Completion: **Surface Slab Installed** **Surface Completion by Driller**

Water Level: **51 ft.** below land surface on **2019-05-08** Measurement Method: **Weighted Line**

Packers: **Paper at 10 ft.**
Rubber at 100 ft.

Type of Pump: **Submersible** Pump Depth (ft.): **100**

Well Tests: **Jetted** **Yield: 30+ GPM with 0 ft. drawdown after 4 hours**

Water Quality:

Strata Depth (ft.)	Water Type
117 - 137	**good**

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: **Skutca Water Well**

1013 Dungens Mill
Columbus, TX 78934

Driller Name: **Bennie Joe Skutca** License Number: **2704**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**top-soil**
2	**30**	**yellow clay**
30	**35**	**sand**
35	**60**	**yellow clay**
60	**100**	**clay and sand**
100	**101**	**rock**
101	**137**	**sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Blank**	**New Plastic (PVC)**	**40 40**	**0**	**117**
4	**Screen**	**New Plastic (PVC)**	**40 0.010**	**117**	**137**

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 #552585

Owner:	**Heather Krumrey**	Owner Well #:	**No Data**
Address:	**1812 Frelsburg Road Cat Spring , TX 78933**	Grid #:	**66-21-2**
Well Location:	**1812 Frelsburg Road Cat Spring, TX 78933**	Latitude:	**29° 44' 12.99" N**
		Longitude:	**096° 25' 55.84" W**
Well County:	**Colorado**	Elevation:	**287 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **7/20/2020** Drilling End Date: **7/21/2020**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**125**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**15**	**Concrete 8 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

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

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

Distance to Septic Tank (ft.): **50+**

Method of Verification: **Visual**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **65 ft.** below land surface on **2020-07-21** Measurement Method: **Weighted Line**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **100**

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

Water Quality:

Strata Depth (ft.)	Water Type
104 - 123	**Good**

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: **NEUENDORFF'S WATER WELL SERVICE INC**

PO BOX 131
COLUMBUS, TX 78934

Driller Name: **Bryan Neuendorff** License Number: **60140**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Sandy Topsoil**
2	**10**	**Tan & Red Clay**
10	**26**	**Tan & White Clay**
26	**45**	**Sand & Gravel**
45	**74**	**Sand**
74	**104**	**Tan & White Clay**
104	**123**	**Sand**
123	**125**	**White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Blank**	**New Plastic (PVC)**	**40**	**-2**	**101**
4	**Screen**	**New Plastic (PVC)**	**40 0.008**	**101**	**121**
4	**Blank**	**New Plastic (PVC)**	**40**	**121**	**125**

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 #557158

Owner:	**David Pilsner**	Owner Well #:	**No Data**
Address:	**4947 Highway 90 Alleyton, TX 78935**	Grid #:	**66-21-2**
Well Location:	**4947 Highway 90 Alleyton, TX 78935**	Latitude:	**29° 43' 25" N**
		Longitude:	**096° 25' 37" W**
Well County:	**Colorado**	Elevation:	**266 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/2/2020** Drilling End Date: **10/2/2020**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**105**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**15**	**Concrete 9 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

Distance to Property Line (ft.): **100+**

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

Distance to Septic Tank (ft.): **50+**

Method of Verification: **Visual**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **63 ft.** below land surface on **2020-10-02** Measurement Method: **Weighted Line**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **80**

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

Water Quality:

Strata Depth (ft.)	Water Type
35 - 103	**Good**

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: **NEUENDORFF'S WATER WELL SERVICE INC**

PO BOX 131
COLUMBUS, TX 78934

Driller Name: **Bryan Neuendorff** License Number: **60140**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Top Soil**
2	**5**	**Sandy Tan Clay**
5	**35**	**White Clay**
35	**45**	**Sand**
45	**65**	**Coarse Sand & Gravel**
65	**85**	**Sand**
85	**102**	**Coarse Sand**
102	**105**	**White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Blank**	**New Plastic (PVC)**	**40**	**-2**	**81**
4	**Screen**	**New Plastic (PVC)**	**40 0.008**	**81**	**101**
4	**Blank**	**New Plastic (PVC)**	**40**	**101**	**105**

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 #557159

Owner: **Allan Richardson**

Address: **5514 Lymbar Drive Houston, TX 77096**

Well Location: **1762 Frelsberg Road Alleyton, TX 78935**

Well County: **Colorado**

Owner Well #: **No Data**

Grid #: **66-21-2**

Latitude: **29° 43' 54.48" N**

Longitude: **096° 26' 10.68" W**

Elevation: **308 ft. above sea level**

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

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

Plugging Report Tracking #203487

Type of Work: **New Well**

Proposed Use: **Domestic**

Drilling Start Date: **9/29/2020** Drilling End Date: **10/2/2020**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**205**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**10**	**Concrete 9 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

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

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

Distance to Septic Tank (ft.): **50+**

Method of Verification: **Visual**

Surface Completion: **Plugged**

Surface Completion by Driller

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Cement	**0**	**10**
Bentonite	**10**	**205**

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: **NEUENDORFF'S WATER WELL SERVICE INC**

PO BOX 131
COLUMBUS, TX 78934

Driller Name: **Bryan Neuendorff** License Number: **60140**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Top Soil**
2	**5**	**Sandy White Clay**
5	**25**	**White Clay**
25	**30**	**Tan & White Clay**
30	**45**	**Sand**
45	**65**	**Coarse Sand & Gravel w/ Tan Clay**
65	**90**	**Sand**
90	**102**	**White Clay**
102	**120**	**Sand**
120	**125**	**Red Clay**
125	**135**	**Red & White Shale**
135	**144**	**White & Red Clay**
144	**145**	**Sand**
145	**165**	**White & Red Clay**
165	**180**	**Red & White Clay**
180	**185**	**Sand & Shale (red & white)**
185	**205**	**Red & White Shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

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

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 #557163

Owner:	**Allan Richardson**	Owner Well #:	**No Data**
Address:	**5514 Lymbar Drive Houston, TX 77096**	Grid #:	**66-21-2**
Well Location:	**1762 Frelsburg Road Alleyton, TX 78935**	Latitude:	**29° 43' 54.47" N**
		Longitude:	**096° 26' 10.71" W**
Well County:	**Colorado**	Elevation:	**307 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/3/2020** Drilling End Date: **10/5/2020**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**125**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**15**	**Concrete 9 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

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

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

Distance to Septic Tank (ft.): **50+**

Method of Verification: **Visual**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **75 ft.** below land surface on **2020-10-05** Measurement Method: **Weighted Line**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **100**

Well Tests: **Jetted** **Yield: 50 GPM**

Pump **Yield: 30 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
102 - 121	**Good**

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: **NEUENDORFF'S WATER WELL SERVICE INC**

PO BOX 131
COLUMBUS, TX 78934

Driller Name: **Bryan Neuendorff** License Number: **60140**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Top Soil**
2	**5**	**Sandy White Clay**
5	**25**	**White Clay**
25	**30**	**Tan & White Clay**
30	**45**	**Sand**
45	**65**	**Coarse Sand & Gravel**
65	**85**	**Sand**
85	**102**	**White Clay**
102	**121**	**Sand**
121	**125**	**Tan & White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Blank**	**New Plastic (PVC)**	**40**	**-2**	**100**
4	**Screen**	**New Plastic (PVC)**	**40 0.008**	**100**	**120**
4	**Blank**	**New Plastic (PVC)**	**40**	**120**	**125**

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 #576049

Owner:	**Don Shaw**	Owner Well #:	**No Data**
Address:	**2509 Friuli Circle Leander, TX 78641**	Grid #:	**66-21-2**
Well Location:	**XXX Frelsberg Road columbus, TX 78934**	Latitude:	**29° 43' 44" N**
		Longitude:	**096° 26' 23.77" W**
Well County:	**Colorado**	Elevation:	**280 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **6/10/2021** Drilling End Date: **6/11/2021**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.5**	**0**	**190**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**12**	**Cement 9 Bags/Sacks**

Seal Method: **Hand Mixed**

Sealed By: **Driller**

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

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

Distance to Septic Tank (ft.): **50**

Method of Verification: **Wheel**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **78 ft.** below land surface on **2021-06-11** Measurement Method: **Weighted Line**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **140**

Well Tests: **Jetted** **Yield: 20 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
165 - 185	**Clear**

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: **Texas Southern Drilling**

448 West 19th Street #161
Houston, TX 77008

Driller Name: **Kyle Neuendorff** License Number: **60145**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soild**
3	**25**	**White Clay**
25	**45**	**Tan Clay**
45	**85**	**Sand and Gravel**
85	**125**	**White Clay and Sand Mix**
125	**145**	**Brown Clay w/ Few Sand Stks**
145	**155**	**Brown Clay**
155	**165**	**Rock And Sand Stks**
165	**185**	**Sand and Rock Stks**
185	**190**	**Brown Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Blank**	**Plastic (PVC)**	**40**	**-2**	**165**
4	**Screen**	**Plastic (PVC)**	**40 0.008**	**165**	**185**
4	**Blank**	**Plastic (PVC)**	**40**	**185**	**190**

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 #577708

Owner:	**Pete Kenny**	Owner Well #:	**No Data**
Address:	**3340 Precinct Line Road Richmond, TX 77406**	Grid #:	**66-21-2**
Well Location:	**XXXX Frelsberg Road Alleyton, TX 78935**	Latitude:	**29° 43' 39.68" N**
		Longitude:	**096° 26' 33.75" W**
Well County:	**Colorado**	Elevation:	**293 ft. above sea level**

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

Drilling Start Date: **6/23/2021** Drilling End Date: **6/24/2021**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7.5	**0**	**23**
6.75	**23**	**174**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**10**	**Concrete 8 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

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

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

Distance to Septic Tank (ft.): **50+**

Method of Verification: **Visual**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **99 ft.** below land surface on **2021-06-24** Measurement Method: **Weighted Line**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **140**

Well Tests: **Jetted** **Yield: 30 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
150 - 170	**Good**

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: **Neuendorff's Water Well Service, Inc.**

PO BOX 131
COLUMBUS, TX 78934

Driller Name: **Bryan Neuendorff** License Number: **60140**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**1**	**Sandy Top Soil**
1	**18**	**Tan & White Clay**
18	**70**	**Sand**
70	**78**	**White Clay**
78	**85**	**Sand**
85	**98**	**White Clay**
98	**114**	**Sand**
114	**125**	**White & Red Clay**
125	**143**	**Sand & Rock**
143	**150**	**Red Clay**
150	**170**	**Sand & Rock**
170	**174**	**Red & White Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	**Blank**	**New Plastic (PVC)**	**40**	**-2**	**134**
4	**Screen**	**New Plastic (PVC)**	**40 0.008**	**134**	**144**
4	**Blank**	**New Plastic (PVC)**	**40**	**144**	**150**
4	**Screen**	**New Plastic (PVC)**	**40 0.008**	**150**	**170**
4	**Blank**	**New Plastic (PVC)**	**40**	**170**	**174**

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
Well Schedule

groundwater resources

State Well Number: **66-21-206** Previous Well Number: County: **Colorado** **89**

Latitude (dms): **294334** Longitude (dms): **962525** Coordinate Accuracy: **Global Positioning System - GPS**

River Basin: **Brazos-Colorado Rivers** GMA: **15** RWPA: **K** GCD: **Colorado County GCD**

Owner: **Exterran Energy Solutions**

Driller: **Neuendorff's Water Well Service, Inc.**

Aquifer ID: **Gulf Coast**

Aquifer Code: **112CHCT**

CHICOT AQUIFER

Depth (ft): **318**

Elevation (ft): **279**

Source of Depth: **Driller's Log**

Source of Elevation: **Digital Elevation Model -DEM**

Date Drilled: **07/11/1995**

Well Type: **Withdrawal of Water**

Type of Lift: **Submersible Pump**

Power: **Electric Motor**

Horsepower:

Construction: **Hydraulic Rotary**

Completion: **Screen**

Casing Material: **Galvanized**

Screen Material: **Stainless Steel**

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

	Dia. (in.)	Top (ft.)	Bottom (ft.)
C	6	0	297
C	4	288	298
S	4	298	317
C	4	317	318

WATER USE

Primary: **Public Supply**

Secondary:

Tertiary:

Water Levels: **Miscellaneous Measurements**

1 measurement
1995
-98

Water Quality: **N**

Other Data: **C**

Logs: **D**

REMARKS:

Owners well #1. PWS ID #0450040A. Reported yield 50 GPM with 83 feet drawdown after pumping 36 hours in 1995. Specific capacity 0.6 GPM/ft. Cemented from 0 to 297 feet. Well originally drilled for Hanover Smith, Inc. (Columbus Plant).

Reporting Agency: **TWC/TNRCC/TCEQ**

Date Collected or Reported: **02/14/2011**

Recorded by: D. R. Jones

New

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER HANOVER INDUSTRIES (Name) ADDRESS R+2 Box 179 (Street or RFD) Alleyton (City) Tx (State) 78935 (Zip)

2) ADDRESS OF WELL: County COLORADO R+2 Box 179 (Street or RFD) Alleyton, Texas (City) (State) 78935 (Zip) STATE WELL # 66-21-2

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☑ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☑ Yes ☐ No

5) WELL G.

6) WELL LOG:
Date Drilling: Started 7-5 1995 Completed 7-11 1995

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	298
6"	298	318

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	8	ROADBASE + ORBN CLAY
8	210	W+R CLAY + GRAVEL
210	51	SAND
51	55	Y+W CLAY
55	108	SAND + FINE GRAVEL W/ ROCK STRKS
108	162	W+P CLAY
162	169	SAND + ROCK STRKS
169	297	R+W CLAY
297	316	SAND + ROCK STRKS
316	318	Y CLAY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
6	N	S40 PVC	+3	297	
4	N	GALV S/40	288	298	
4	N	STAINLESS - HOUSTON SHUTE	298	317	016
4	N	GALV S/40	317	318	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 297 ft. No. of sacks used 66
____ ft. to ____ ft. No. of sacks used ____
Method used HALIBURTON PRESSURE
Cemented by NIWWSI
Distance to septic system field lines 150 ft.
Method of verification of above distance measured (SANITARY CONTROL EASEMENT IN AREA)

RECEIVED
AUG 18 1995
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 98 ft. below land surface Date 7-11-95
Artesian flow ____ gpm. Date ____

12) PACKERS: Type: Rubber expandable 4" x 6" Depth: @ 288'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 260 ft.

14) WELL TESTS: 50gpm @ 105cfm
Type test: ☑ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 50 gpm with 83 ft. drawdown after 36 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Neuendorff's Water Well Svc INC (Type or print) WELL DRILLER'S LICENSE NO. 2867

ADDRESS P.O. Box 131 (Street or RFD) Columbus (City) Tx (State) 78934 (Zip)

(Signed) Kenneth Neuendorff (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93) TNRCC COPY

66-21-206

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 66-21-206

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6621206
County	Colorado
River Basin	Brazos-Colorado
Groundwater Management Area	15
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Colorado County GCD
Latitude (decimal degrees)	29.726111
Latitude (degrees minutes seconds)	29° 43' 34" N
Longitude (decimal degrees)	-96.423611
Longitude (degrees minutes seconds)	096° 25' 25" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	279
Land Surface Elevation Method	Digital Elevation Model -DEM
Well Depth (feet below land surface)	318
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	7/11/1995
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Screened

Well Type	Withdrawal of Water
Well Use	Public Supply
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	Exterran Energy Solutions
Driller	Neuendorff's Water Well Service, Inc.
Other Data Available	Drillers Log; Specific Capacity
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	G0450040A
Groundwater Conservation District Well Number	
Owner Well Number	1
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Commission on Environmental Quality
Created Date	2/14/2011
Last Update Date	7/12/2016

Remarks	Reported yield 50 GPM with 83 feet drawdown after pumping 36 hours in 1995. Specific capacity 0.6 GPM/ft. Cemented from 0 to 297 feet. Well originally drilled for Hanover Smith, Inc. (Columbus Plant).

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
6	Blank	Galvanized Iron			0	297
4	Blank	Galvanized Iron			288	298
4	Screen	Stainless Steel			298	317
4	Blank	Galvanized Iron			317	318

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	7/11/1995		98		181	1	Registered Water Well Driller	Unknown		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

Texas Water Development Board
Well Schedule

groundwater resources

State Well Number: **66-21-207** Previous Well Number: County: **Colorado** **89**

Latitude (dms): **294320** Longitude (dms): **962548** Coordinate Accuracy: **Global Positioning System - GPS**

River Basin: **Brazos-Colorado Rivers** GMA: **15** RWPA: **K** GCD: **Colorado County GCD**

Owner: **Pilsner's Place** Driller: **L & N Drilling Co.**

Aquifer ID: **Gulf Coast**

Aquifer Code: **112CHCT**

CHICOT AQUIFER

Depth (ft): **106** Elevation (ft): **262**

Source of Depth: **Driller's Log** Source of Elevation: **Digital Elevation Model -DEM**

Date Drilled: **06/09/1972** Well Type: **Withdrawal of Water**

Type of Lift: **Unknown** Power: Horsepower:

Construction: **Hydraulic Rotary** Completion: **Screen**

Casing Material: **Steel** Screen Material: **Stainless Steel**

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

	Dia. (in.)	Top (ft.)	Bottom (ft.)
C	5	0	98
S	5	98	104
C	5	104	106

WATER USE

Primary: **Public Supply** Secondary: Tertiary:

Water Levels: **Miscellaneous Measurements**

1 measurement
1972
-72

Water Quality: **N**

Other Data: Logs: **D**

REMARKS:
Owners well #1. PWS ID #0450073A.

Reporting Agency: **TWC/TNRCC/TCEQ**

Date Collected or Reported: **02/24/2011**

Recorded by: D. R. Jones

New

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled DAVID PILSNER (Name) Address COLUMBUS, TEX (Street or RFD) (City) (State)
Landowner " " (Name) Address " " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County COLORADO, 7 miles in EAST (N.E., S.W., etc.) direction from COLUMBUS (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

MAP ON REVERSE SIDE

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor ______ League ______
Block ______ Survey ______
~~Abstract No.~~ John McCorsky A-31
(NW¼ NE¼ SW¼ SE¼) of Section ______

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 106 ft. Depth of completed well 107 ft. Date drilled 6-9-72
All measurements made from 1 ft. above ground level.

From (ft.) - To (ft.)	Description and color of formation material
0-2	TOP SOIL
2-14	YELLOW CLAY
14-21	ROCK & CLAY
21-32	SAND
32-46	CLAY & SAND
46-75	SAND
75-81	YELLOW CLAY
81-106	SAND
106-?	CLAY

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from ——— ft. to ——— ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4 1/2 OD	+1	98	5
4 1/2 OD	104	106	5

10) SCREEN:
Type STAINLESS WIRE WRAPPED
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
4 1/2 OD	98	104	20ga.

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 72 ft. below land surface Date 6-9-72
Artesian pressure ______ lbs. per square inch Date ______
Depth to pump bowls, cylinder, jet, etc., ——— ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: ______ gpm with ______ ft. drawdown after ______ hrs.
Bailer test ______ gpm with ______ ft. drawdown after ______ hrs.
Artesian flow ______ gpm
Temperature of water ______

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? ______ depth of strata ______

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME FLOYD A. NEUENDORFF (Type or Print) Water Well Drillers Registration No. 531

ADDRESS 302 TRAVIS (Street or RFD) COLUMBUS (City) TEXAS (State)

(Signed) Floyd A. Neuendorff (Water Well Driller) L + N DRILLING Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

66-21-207

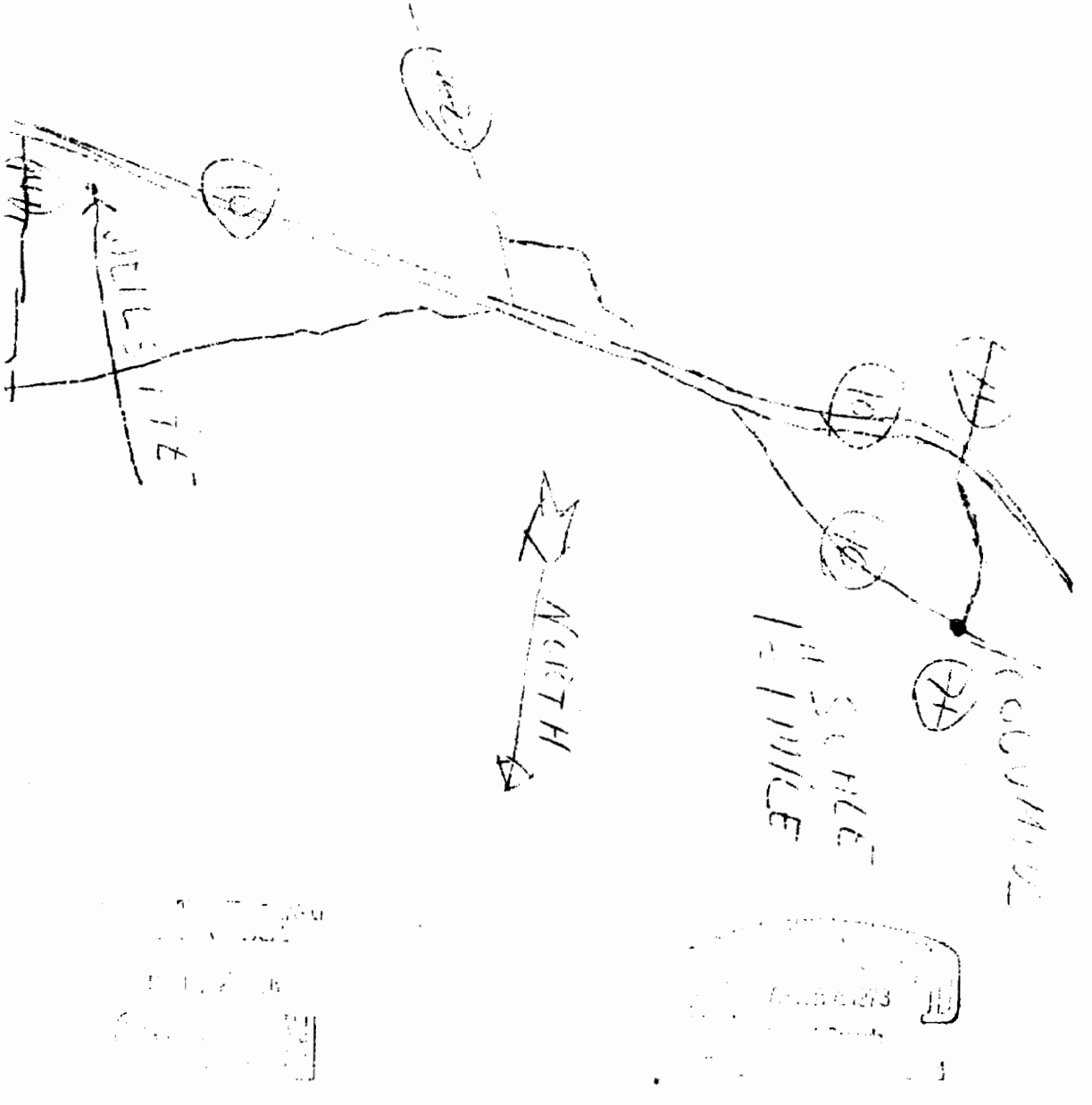
2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



66-21-207

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 66-21-207

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6621207
County	Colorado
River Basin	Brazos-Colorado
Groundwater Management Area	15
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Colorado County GCD
Latitude (decimal degrees)	29.722222
Latitude (degrees minutes seconds)	29° 43' 20" N
Longitude (decimal degrees)	-96.43
Longitude (degrees minutes seconds)	096° 25' 48" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	262
Land Surface Elevation Method	Digital Elevation Model -DEM
Well Depth (feet below land surface)	106
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	6/9/1972
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Screened

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Unknown
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Pilsner's Place
Driller	L & N Drilling Co.
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	G0450073A
Groundwater Conservation District Well Number	
Owner Well Number	1
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Commission on Environmental Quality
Created Date	2/24/2011
Last Update Date	7/12/2016

Remarks	

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
5	Blank	Steel			0	98
5	Screen	Stainless Steel			98	104
5	Blank	Steel			104	106

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

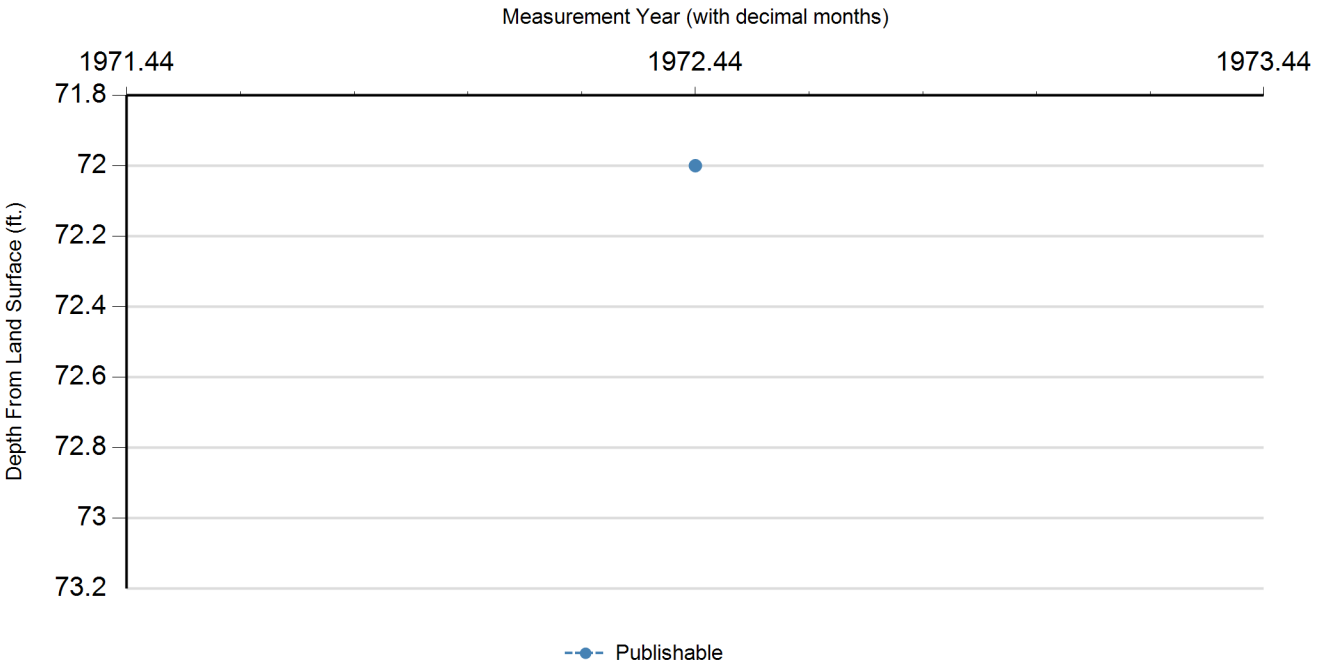
Borehole - No Data

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	6/9/1972		72		190	1	Registered Water Well Driller	Unknown		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

Texas Water Development Board
Well Schedule

groundwater resources

State Well Number: **66-21-301** Previous Well Number: County: **Colorado** **89**

Latitude (dms): **294255** Longitude (dms): **962454** Coordinate Accuracy: **+/- 1 Second**

River Basin: **Brazos-Colorado Rivers** GMA: **15** RWPA: **K** GCD: **Colorado County GCD**

Owner: **Julian Salguero** Driller: **Pomykal Drilling Co.** Aquifer ID: **Gulf Coast**

Aquifer Code **121EVGL**

EVANGELINE AQUIFER

Depth (ft): **800** Elevation (ft): **240**

Source of Depth: **Person Other than Owner** Source of Elevation: **Interpolated From Topo Map**

Date Drilled: **00/00/1970** Well Type

Type of Lift: **Turbine Pump** Power: **Gasoline Engine** Horsepower: **80.00**

Construction: **Hydraulic Rotary** Completion: **Gravel Pack w/Perforations**

Casing Material: **Steel** Screen Material: **Steel**

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

	Dia. (in.)	Top (ft.)	Bottom (ft.)
	12	0	400
S	12	400	800

WATER USE

Primary: **Aquaculture** Secondary: Tertiary:

Water Levels: **Miscellaneous Measurements** Water Quality: **Y**

3 measurements
1974 to 1975
MIN -67.3 MAX -60.81

Other Data: **A** Logs:

REMARKS:

Reported yield 530 GPM with 12.4 feet drawdown after pumping 2 hours in 1975. Specific capacity 42.7 GPM/ft. Aquifer test data in TDWR R-270.

Reporting Agency: **U.S. Geological Survey**

Date Collected or Reported: **01/02/1974**

Recorded by: _____

PUMPING TEST DATA

Number DW-66 21-301

Date test started [illegible], 1975

Location [illegible] 10 ½ mile West [illegible]

Owner [illegible]

Driller [illegible] Co.

Date well completed [illegible]

Altitude above sea level [illegible] feet
Depth of well ____ feet
Depth to top of bed ____ feet
Geologic formation ____
Test conducted by [illegible]
Method of life ____ Power ____
Average rate of pumpage ____ gpm
Use of water ____
Water temperature ____

Type of well (pumping, observation) Pumping
Diameter of well 12 inches
Well casing depth ____ feet
Character of material ____
Accuracy (excellent, good, fair, poor) ____
Duration of test [illegible]
Drawdown ____ feet; Time ____ (hours, days)
Chemical analysis (yes, no) yes
Electric log (yes, no) NO

Static water level below surface [illegible] feet Date [illegible]; Time [illegible] a.m.
Pumping level [illegible] feet below land surface after [illegible] (hours, days)
Coefficient of transmissibility ____ gpd/ft. (drawdown) [illegible] gpd/ft. (recovery)
Coefficient of storage ____ (drawdown) ____ (recovery)
Permeability ____ gpd/ft^2; Method of determination ____
Screened settings 400 ft. to 500 ft.; ____ ft. to ____ ft.; ____ ft. to ____ ft.
Specific capacity ____ gpm/ft. (observed); ____ gpm/ft. (calculated); ____ (time)
Pump setting ____ ft.; Airline ____ ft.; Bowl and suction length ____ ft.

Remarks:

County COLORADO

Pumped Well	Observed Well
Owner JULIAN SALGUERO	Owner
State Well No. DW-66-21-301	State Well No.
Fed. Well No.	Fed. Well No.
Average Q 530	r= r²= 1440r²/t=

r= distance between pumped and observed well

Name of person(s) making test W. SANDEEN C. LOSKOT

Description of M.P. CRACK BETWEEN TOP OF CASING + PUMP BASE

Remarks [illegible] 0.05, PUMPED FOR 2 HOURS UNTIL 12:05.

t= time since pumping started t'= time since pumping stopped

Static Level: 60.81 Pumping Level after hrs.

Pumping 530 gpm.

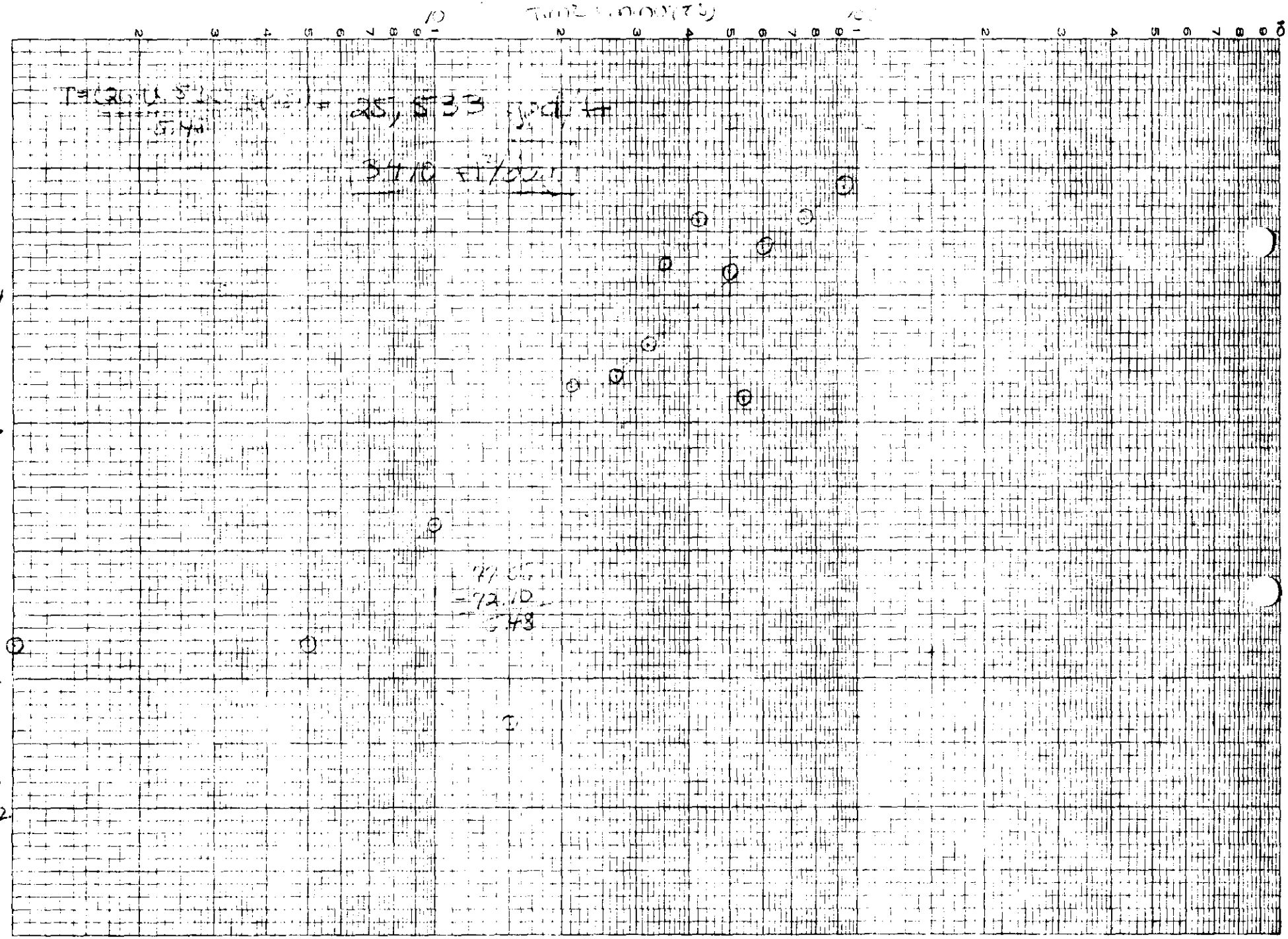
PUMPING LEVELS AT 10.45 (70.91) AT 11:14, 90.12) 11.34, 90.69.

Date	Hour	t (min)	t' (min)	t/t'	1440r²/t	Tape Reading Hold	Tape Reading Cut	Depth to water	s (dd)
6-28-75	[illegible]	12.1	1			[illegible]	6.35	[illegible]	
			[illegible]			82.40	2.62	79.46	
			[illegible]			[illegible]	4.42	[illegible]	
			[illegible]			84	[illegible]	* [illegible]	
			21			80	1.55	78.45	
			27			78	2.71	75.29	*
			32			78	3.22	74.78	
			35			76	2.48	73.52	
			42			74	1.17	72.83	
			50			74	0.38	73.62	
			54			78	2.38	* 75.62	
			60			76	2.78	73.22	
			75			76	3.20	72.80	
			93			74	1.68	72.32	

* TAPE PROBABLY ALONG MEASUREMENTS VERY DIFFICULT

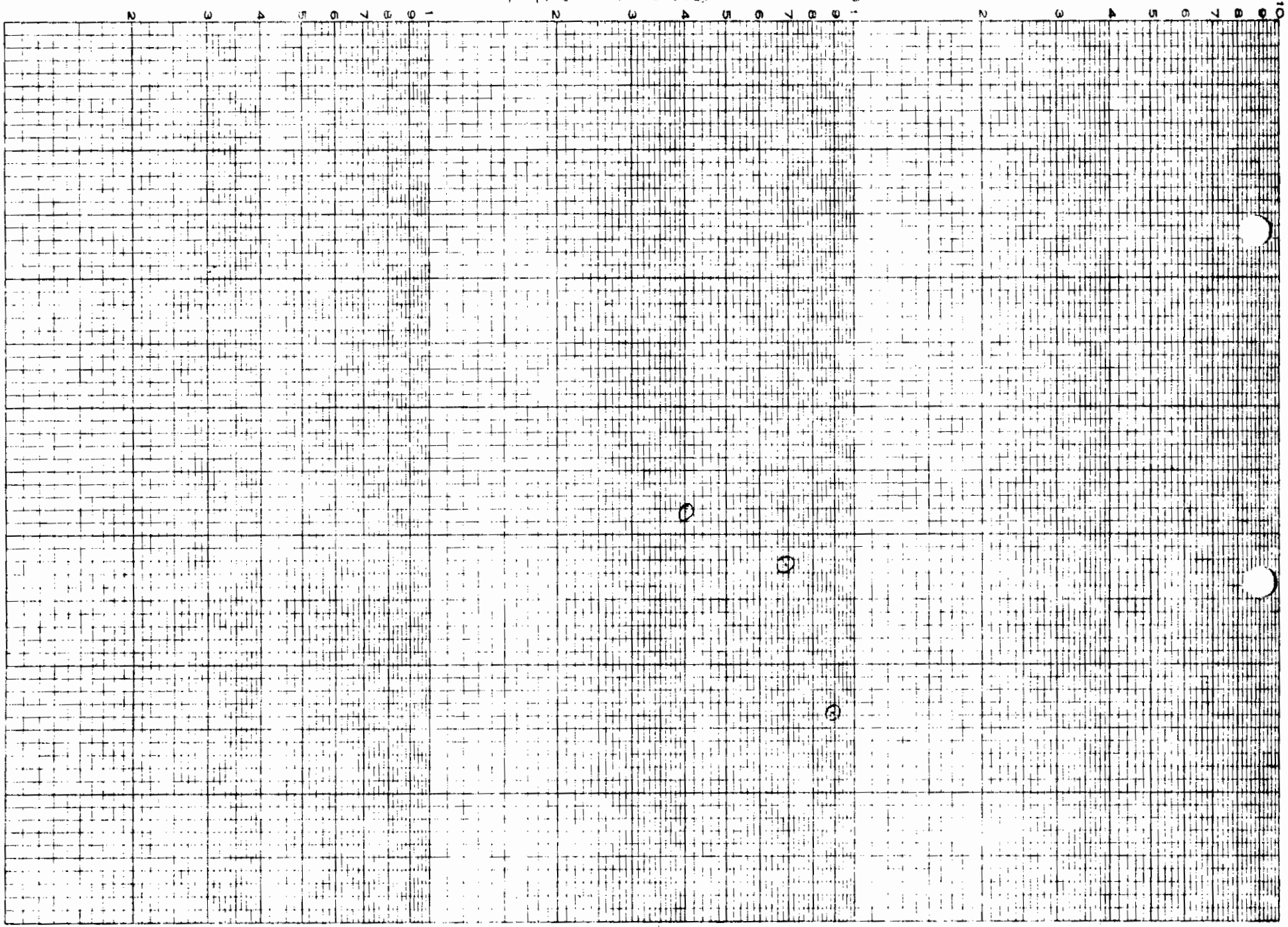
NO. 340-L310 DIETZGEN GRAPH PAPER
SEMI-LOGARITHMIC
3 CYCLES X 10 DIVISIONS PER INCH

EUGENE DIETZGEN CO.
MADE IN U. S. A.



NO. 340-L310 DIETZGEN GRAPH PAPER
SEMI-LOGARITHMIC
3 CYCLES X 10 DIVISIONS PER INCH

EUGENE DIETZGEN CO.
MADE IN U. S. A.



½ 2 WITH 5 GAL BUCKET
THREE DISCHARGE
NEW
2¼ 1½ ½ = 54/[illegible]

County COLORADO

Pumped Well

Observed Well

Owner JULIAN SALGUERO
State Well No. DW-66-21-301
Fed. Well No.
Average Q

r= r^2= 1440r^2=

Owner
State Well No.
Fed. Well No.

STATIC LEVEL 68.31 BELOW MP
ON 3-3-75

r= distance between pumped and observed well

Name of person(s) making test W SANDEEN + C LOSKOT

Description of M.P. [illegible] - 5.0 , NEW MP PUMP BASE +1.5 CRACK

Remarks [illegible] 3 [illegible] OFF 12 35

t= time since pumping started

t'= time since pumping stopped

Static Level: 65.81 (-3.2') Pumping Level 80.12 after 1 HR 5 MIN hrs. MP 3.2'
Pumping 514 gpm.

NEW MP DISCH 89.91

Date	Hour	t (min)	t' (min)	t/t'	$\frac{1440r^2}{t}$	Tape Reading Hold	Cut	Depth to water	s (dd)
6-[illegible]		1				86.00	6.55	79.45	
		2							
		3							
		4							
		5				82	2.52	79.48	
		6							
		7							
		8							
		9							
		[illegible]				82	4.42	77.58	
		[illegible]				84	3.31	[illegible]	?
		[illegible]				80	4.55	74.45	
		27				78	2.71	75.29	

3278 322 74.78
3576 248 74.52

AT 11:14 10 3.88 80.12

State Well No. _____ Page _____

Date	Hour	t (min)	t' (min)	t/t'	$\frac{1440r^2}{t}$	Tape Reading Hold	Tape Reading Cut	Depth to water	s (dd)
	40					74	1.17	73.83	
	50					74	2.38	73.62	
	~~57~~					78	2.39	75.62	
	60					76	2.78	73.22	
	75					76	3.20	72.80	
	90					74			

DW 66-21-301

FORM 9-1842B
(DEC 68)

Well No. DW-66-21-301

WELL SCHEDULE Houston: 461-6757

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

HUGO SALGUERO 732-2284 ALLEYTON

Record by W. SANDEEN Source of data POMYKAL DRL CO Date JAN 2, 1974 Map ALLEYTON, 1958

State TEXAS 42 County (or town) COLORADO DW

Latitude: 29 42 57 N Longitude: 096 24 52 Sequential number: 1

Lat-long accuracy: T. S, R N, Sec , , , B & M

Local well number: DW-66-21-301 Other number:

Local use: Owner or name: JULIAN SALGUERO, BOX 55 ALLEYTON, TX

Owner or name: JULIAN SALGUERO Address: HOUSTON, TEX 77025

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Ind, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other PUMPS WATER INTO CATFISH PONDS — Z

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data Freq. W/L meas.: 1-2-74, 3-3-75 Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 1-2-74 Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data:

3-3-75
7.00
2.69
68.31
240 WMS
267
+1.5

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 800 ft 800 Meas. rept OWNER accuracy 6

Depth cased: (first perf.) 400± ft 400 Casing type: STEEL ; Diam. 12 in 12

Finish: (C) porous concrete, (F) gravel w (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, sd. pt., (T) shored, (W) open hole, (Z) other — F

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 1970 970 Pump intake setting: ft

Driller: POMYKAL DRILLING CO. (name) BRENHAM, TEXAS (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, submerg, (T) turb, (Z) other — T; Deep / Shallow

Power (type): diesel, nat elec, gas, gasoline, hand, LP gas, wind; H.P. 80 @ 1760 Trans. or meter no.

Descrip. MP CRACK IN CASING, BASE PUMP 1.0 ft above / below LSD, Alt. MP

Alt. LSD: 240 240 Accuracy: (source) 10' TOPO 4

Water Level 67.63 ft above / below MP, Ft above / below LSD 67 Accuracy: TAPE, WMS A

Date meas: 1-2-74 1 7 4 Yield: 600 gpm 600 Kind of determination

Drawdown: ft Accuracy: Pumping period

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard ppm

Sp. Conduct x 10^6 Temp. 22 22 Date sampled

Temp., color, etc.

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas Department of Health Laboratories
1100 West 49th Street
Austin, Texas 78756

TDWR ONLY
Organization No. _____ Lab No. 05

Work No. _____

CHEMICAL WATER ANALYSIS REPORT

Send report to:

Data Collection and Evaluation Section
Texas Department of Water Resources
P.O. Box 13087
Austin, Texas 78711

County 045 Colorado
State Well No. 66-21-301
_____ Well No. _____
Date Collected 01-02-74

Location _____ Sample No. _____ By W. Sandeen
Source (type of well) _____ Owner Julian Salguero
Date Drilled 1970 Depth 800 ft. WBF _____
Producing intervals 400-800 Water level _____ ft. Sample depth _____ ft.
Sampled after pumping _____ hrs. Yield 300 GPM meas. est. Temperature _____ °F _____ °C
Point of collection Fire hose Appearance ☒ clear ☐ turbid ☐ colored ☐ other
Use fish ponds Remarks _____

(FOR LABORATORY USE ONLY)

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. _____ Date Received _____ Date Reported _____

		MG/L	ME/L
Silica	00955	30	
Calcium	00915	37	1.85
Magnesium	00925	31	2.6
Sodium	00929		
	Total		2.11
☐ Potassium	00937		
[3] ☐ Manganese	01055		
☐ Boron	01022		
[3] ☐ Total Iron	01045		
☐ (other) _____		MG/L	
Specific Conductance (micromhos/cm3)	00095	309	
Diluted Conductance (micromhos/cm3)		x	

%Na _____
SAR 0.7
RSC _____

" ☐ " items will be analyzed if checked.

		MG/L	ME/L
Carbonate	00445		
Bicarbonate	00440	128	2.09
Sulfate	00945	24	0.5
Chloride	00940	22	0.62
Fluoride	00951	0.2	0.016
Nitrate	71850	0.8	0.06
pH	00403	7.3	
	Total		
[1] Dissolved Solids (residue at 180°C)	70300	178	
Phenolphthalein Alkalinity as $CaCO_3$	00415		
Total Alkalinity as $CaCO_3$	00410		
Total Hardness as $CaCO_3$	00900		
[2] Nitrogen Cycle			
Ammonia - N	00610		
Nitrite - N	00615		
Nitrate - N	00620		
Organic Nitrogen	00605		

[1] The bicarbonate reported in this analysis can be converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure used in the computation of dissolved solids.
[2] Nitrogen cycle requires separate sample.
[3] Total Iron and Manganese require separate sample.

Analyst _____ Checked By _____

TDWR-0148 (Rev. 1-8-80)

012590

UNITED STATES DEPARTMENT OF THE INTERIOR
Ground Water Analysis

Water Resources Division
Austin, Texas

County: 52 Colorado

Date of collection: January 2, 1974

29 42 N Long 096 24 " Depth of well: 72008 800 Yield: 00059 GPM 300 Lab type E

KEY PUNCHED

BN-66-21-301 Sample intervals: top 72015 400' bottom 72016 800' Date drilled: 1970

Owner: Julian Salgadero Location: Water level: 72019 Appr.: clear

Sampled after pumping: 72004 30 min. WBF: G Pt of coll: AT END 50' FIRE HOSE Supplies Use: fish ponds Collector: W. Sandeen

A. G. SWANSON Checked by

1-4-1974 Completed FEB 1 9 1974

Date		mg/1	R	me/1
30.0	00955 (30) Factor	30		
Ca 7.40	00915 (37)	37		1.846
Mg	00925 (3.1)	3.1		.255
	00930			
Na + K calc.	00933 (17)	17		.740
	00935			
	Total cations			2.841

		mg/1	R	me/1
HCO_3 12.80 / 100 ml; Total Alk as CO_3 63	00440 (128)	128		2.098
CO_3 10.0 ml	00445	0		.000
SO_4 10 ml; Blk; Std; Sample 12	00945 (24)	24		.500
Cl 2.20 / 50 ml	00940 (22)	22		.621
F .15 / 25 ml	00950 (0.2)	0.2		.011
Br	71870			
I	71863			
NO_3 as N 10 ml; mg/1 .190 as NO_3	00620 (0.8)	0.8		.013
NO_2 as N; as NO_2				
Total PO_4 as P ml; mg/1; as PO_4	00665			
Total anions				2.837

Hardness 100 ml; me/1 Ca + Mg 2.100; me/1 Alk; me/1 NCH; 10.50	00900 (105)	Ca + Mg (mg/1)	100
	00902 (0)	NCH (mg/1)	0
SAR 0.7	00931		0.7
Specific conductance (lab); R KCl 206 R sample 666 x 10 (3)	00095		309
pH (field)	00400	(lab)	7.3
Temp. °C	00010		22.0
Dissolved solids (calculated) 178	70301	(mg/1)	178
Dissolved solids (ROE at 180° C)	70300	(mg/1)	
RSC 0.00	71860		0.00
Percent Na	00932		
Alk as $CaCO_3$	Free CO_2		
Fe (dis.)	01046		
(total)	01045		
Mn (dis.)	01056		
(total)	01055		
B .018 (20)	01020		20 Ug/l

MICROGRAMS PER LITER

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 66-21-301

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6621301
County	Colorado
River Basin	Brazos-Colorado
Groundwater Management Area	15
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Colorado County GCD
Latitude (decimal degrees)	29.715278
Latitude (degrees minutes seconds)	29° 42' 55" N
Longitude (decimal degrees)	-96.415001
Longitude (degrees minutes seconds)	096° 24' 54" W
Coordinate Source	+/- 1 Second
Aquifer Code	121EVGL - Evangeline Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	240
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	800
Well Depth Source	Person Other than Owner
Drilling Start Date	
Drilling End Date	0/0/1970
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Gravel Pack w/Perforations

Well Type	Withdrawal of Water
Well Use	Aquaculture
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Gasoline Engine
Annular Seal Method	
Surface Completion	
Owner	Julian Salguero
Driller	Pomykal Drilling Co.
Other Data Available	Aquifer Test
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	U.S. Geological Survey
Created Date	1/2/1974
Last Update Date	6/3/2011

Remarks	Reported yield 530 GPM with 12.4 feet drawdown after pumping 2 hours in 1975. Specific capacity 42.7 GPM/ft. Aquifer test data in TDWR R-270 and TWDB files.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
12	Blank	Steel			0	400
12	Screen	Steel			400	800

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

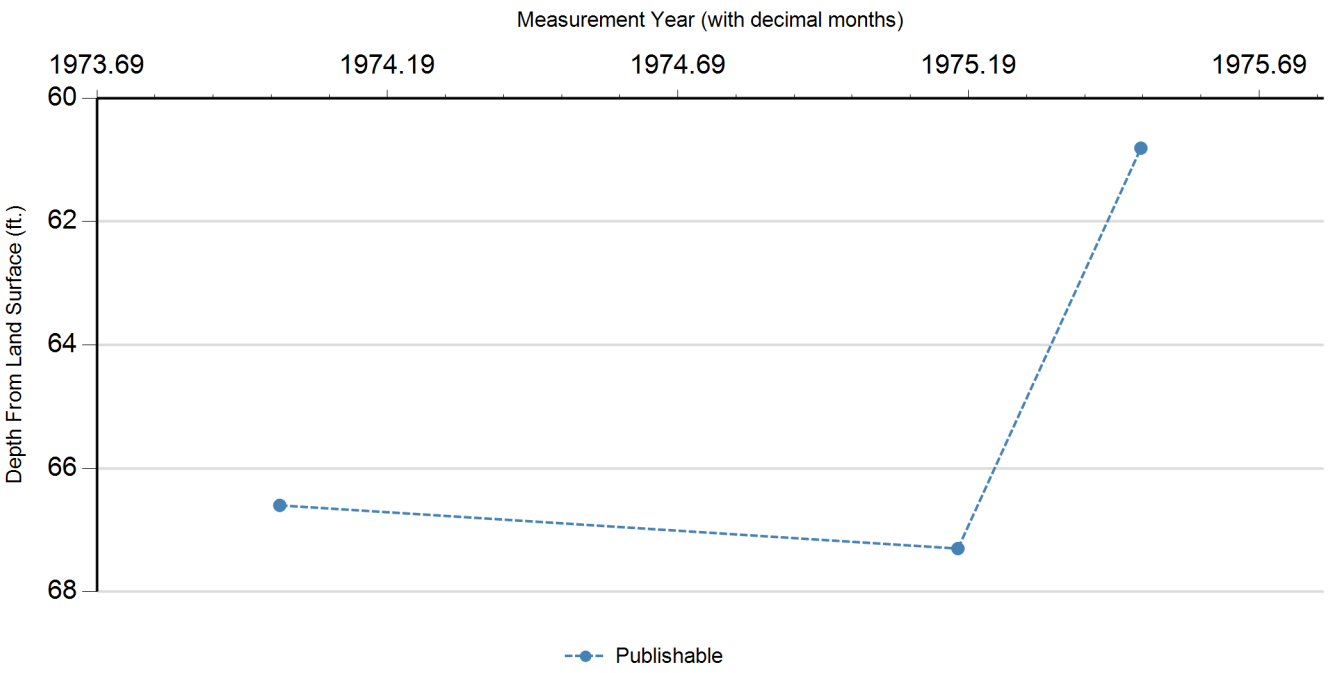
Borehole - No Data

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	1/2/1974		66.6		173.4	1	Other or Source of Measurement Unknown	Unknown		
P	3/3/1975		67.3	0.70	172.7	1	Other or Source of Measurement Unknown	Unknown		
P	6/28/1975		60.81	(6.49)	179.19	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 1/2/1974 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: U.S. Geological Survey Lab **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)		104.92	mg/L as CACO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		128.04	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)		20	ug/L	
00910	CALCIUM (MG/L)		37	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		22	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.2	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		102	mg/L as CACO3	
00920	MAGNESIUM (MG/L)		2.4	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		0.8	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.3	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0.05		
00955	SILICA, DISSOLVED (MG/L AS SI02)		30	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.73		
00932	SODIUM, CALCULATED, PERCENT		26	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)	calculated	17	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		309	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		2	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		22	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		174	mg/L	

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

FORM 9-1642B
(DEC 68)

Well No. DW-66-21-302

DOT 66-21-3J

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

1:24,000

MASTER CARD

OBSERVATION +

Record by W. SANDEEN Source of data DRILLERS LOG Date 1-2-74 Map ALLEYTON, 1958

State TEXAS 42 County (or town) COLORADO DW

Latitude: 29 42 53 N Longitude: 096 24 55 Sequential number: 1

Lat-long accuracy: T. ____ N, S, R ____ E, W, Sec ____, ____ ¼, ____ ¼, ____ ¼ ____ B & M

Local well number: DW-66-21-302 Other number: ____

Local use: ____ Owner or name: JULIAN SALGUERO

Owner or name: J SALGUERO Address: Box 55 ALLEYTON, TEXAS 78935

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Institt, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — S

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data ____ Freq. W/L meas.: RPT 4-12 3.75 C Field aquifer char. ____

Hyd. lab. data: ____

Qual. water data; type: ____

Freq. sampling: ____ Pumpage inventory: yes no, period: ____

Aperture cards: ____

Log data: ____

3-3-75
70.00
11.24
58.76

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 163 ft 163 Meas. rept DRL accuracy 3

Depth cased; (first perf.) 148 ft 148 Casing type: STEEL ; Diam. 4 in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 20 GA — S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven; (W) drive wash, (Z) other ____ — N

Date Drilled: 4-11-73 473 Pump intake setting: 106 ft 106

Driller: L & N DRILLING CO (name), COLUMBUS, TEXAS (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — S; Deep ____ Shallow ____

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; LP; H.P. ½ ± — S; Trans. or meter no. ____

Descrip. MP ON MOUND THRU ¼ PLUG +1.0 ft above below LSD, Alt. MP ____

Alt. LSD: 253 253 Accuracy (source): 10' TOPO — 4

Water Level 61 ft above below MP; Ft above below LSD 61 Accuracy: DRILLER — A

Date meas: 4-12-73 473 Yield: ____ gpm Method determined ____

Drawdown: ____ ft Accuracy: ____ Pumping period ____ hrs

QUALITY OF WATER DATA: Iron ____ ppm Sulfate ____ ppm Chloride ____ ppm Hard. ____ ppm

Sp. Conduct ____ K x 10^6 Temp. ____ °F Date sampled ____

Tests, color, etc.

253
61
192

WELL NO.

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 66-21-3
Located on map Yes
Received: 7-3
dw

1) OWNER:
Person having well drilled JULIAN SALAZAR Address ALLEYTON, TEX.
(Name) (Street or RFD) (City) (State)

Landowner _____ Address _____
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County COLORADO 7 miles in EAST direction from COLUMBUS
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

MAP ON REVERSE SIDE

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. S.P. Birt A-81
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 163 ft. Depth of completed well 163 ft. Date drilled 4-11-73
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Top Soil
2	38	Yellow Clay
38	54	Sand
54	59	Clay
59	116	Sand
116	127	Clay
127	134	Sand
134	142	Clay
142	154	Sand
154	163	Clay

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4½ OD	0	168	5
4½ OD	154	163	8

10) SCREEN:
Type STAINLESS WIRE WRAPPED
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4½ OD	168	154	20 ga.

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 61 ft. below land surface Date 4-12-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 106' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME FLOYD A. NEUENDORFF (Type or Print) Water Well Drillers Registration No. 531

ADDRESS 302 TRAVIS (Street or RFD) COLUMBUS (City) TEXAS (State)

(Signed) Floyd A. Neuendorff (Water Well Driller) L & N DRILLING CO (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available. DW66-21-302

*Additional instructions on reverse side.

TWDBE-GW-53

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 66-21-302

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6621302
County	Colorado
River Basin	Brazos-Colorado
Groundwater Management Area	15
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Colorado County GCD
Latitude (decimal degrees)	29.716389
Latitude (degrees minutes seconds)	29° 42' 59" N
Longitude (decimal degrees)	-96.414723
Longitude (degrees minutes seconds)	096° 24' 53" W
Coordinate Source	+/- 1 Second
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	255
Land Surface Elevation Method	Digital Elevation Model -DEM
Well Depth (feet below land surface)	163
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	4/11/1973
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Screened

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	Julian Salguero
Driller	L & N Drilling Co.
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	U.S. Geological Survey
Created Date	1/2/1974
Last Update Date	3/9/2010

Remarks	

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
5	Blank	Steel			0	148
5	Screen	Stainless Steel			148	154
5	Blank	Steel			154	163

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

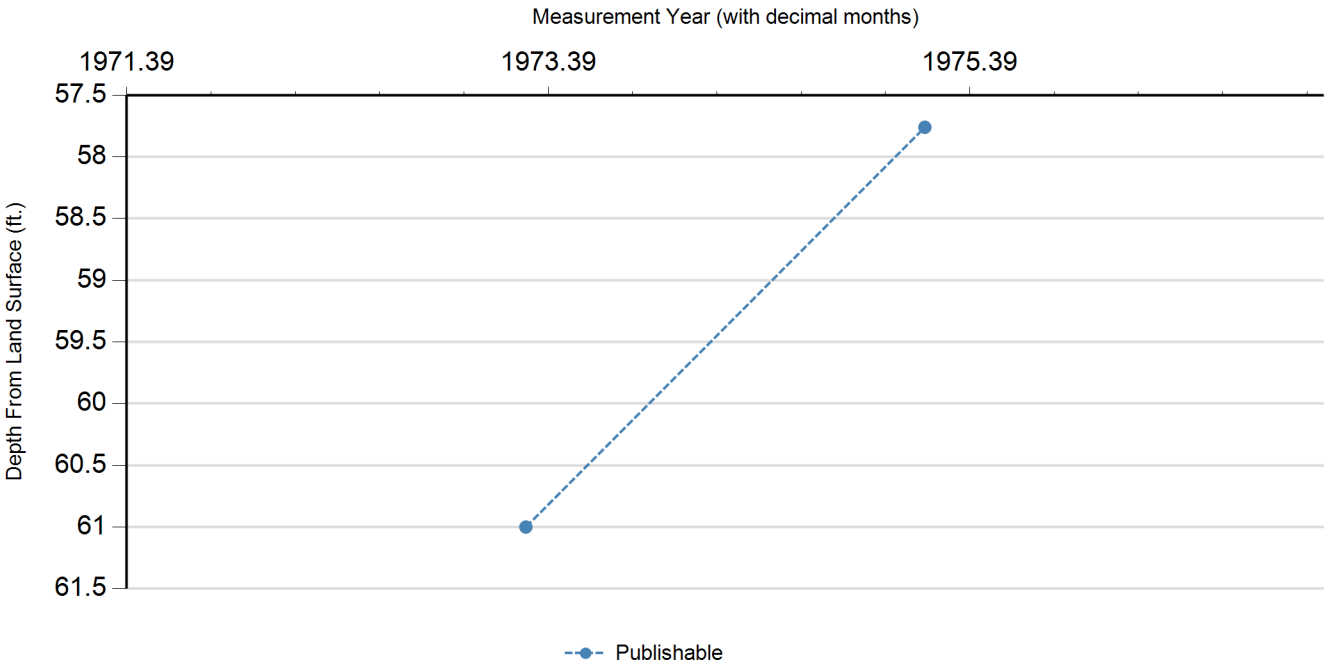
Borehole - No Data

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	4/12/1973		61		194	1	Registered Water Well Driller	Unknown		
P	3/3/1975		57.76	(3.24)	197.24	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

Texas Water Development Board
Well Schedule

groundwater resources

State Well Number: **66-21-304** Previous Well Number: County: **Colorado** **89**

Latitude (dms): **294320** Longitude (dms): **962435** Coordinate Accuracy: **Global Positioning System - GPS**

River Basin: **Brazos-Colorado Rivers** GMA: **15** RWPA: **K** GCD: **Colorado County GCD**

Owner: **Diversitech Corp.**
Well #1

Driller:

Aquifer ID: **Gulf Coast**

Aquifer Code: **112CHCT**

CHICOT AQUIFER

Depth (ft):

Elevation (ft): **266**

Source of Depth:

Source of Elevation: **Digital Elevation Model -DEM**

Date Drilled:

Well Type: **Withdrawal of Water**

Type of Lift: **None**

Power:

Horsepower:

Construction:

Completion:

Casing Material:

Screen Material:

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

Dia. (in.)	Top (ft.)	Bottom (ft.)

WATER USE

Primary: **Plugged or Destroyed**

Secondary:

Tertiary:

Water Levels: **None**

Water Quality: **N**

Other Data:

Logs:

REMARKS:
Owners well #1. PWS ID #0450080A.
Plugged PS, Industrial well.

Reporting Agency: **TWC/TNRCC/TCEQ**

Date Collected or Reported: **02/24/2011**

Recorded by: D.R. Jones

New

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 66-21-304

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6621304
County	Colorado
River Basin	Brazos-Colorado
Groundwater Management Area	15
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Colorado County GCD
Latitude (decimal degrees)	29.722222
Latitude (degrees minutes seconds)	29° 43' 20" N
Longitude (decimal degrees)	-96.409723
Longitude (degrees minutes seconds)	096° 24' 35" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	266
Land Surface Elevation Method	Digital Elevation Model -DEM
Well Depth (feet below land surface)	
Well Depth Source	
Drilling Start Date	
Drilling End Date	
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Plugged or Destroyed
Water Level Observation	None
Water Quality Available	No
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Diversitech Corp. Well #1
Driller	
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	G0450080A
Groundwater Conservation District Well Number	
Owner Well Number	1
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Commission on Environmental Quality
Created Date	2/24/2011
Last Update Date	7/21/2016

Remarks	Plugged PS, Industrial well.

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

No Data Available

Water Quality Analysis - No Data Available

Texas Water Development Board
Well Schedule

groundwater resources

State Well Number: **66-21-305** Previous Well Number: County: **Colorado** **89**

Latitude (dms): **294330** Longitude (dms): **962431** Coordinate Accuracy: **Global Positioning System - GPS**

River Basin: **Brazos-Colorado Rivers** GMA: **15** RWPA: **K** GCD: **Colorado County GCD**

Owner: **Diversitech Corp. Well #2**

Driller: **Neuendorff's Water Well Service**

Aquifer ID: **Gulf Coast**

Aquifer Code: **112CHCT**

CHICOT AQUIFER

Depth (ft): **238**

Elevation (ft): **275**

Source of Depth: **Driller's Log**

Source of Elevation: **Digital Elevation Model -DEM**

Date Drilled: **10/02/1990** Well Type: **Withdrawal of Water**

Type of Lift: **Submersible Pump** Power: **Electric Motor** Horsepower:

Construction: **Hydraulic Rotary** Completion:

Casing Material: **PVC, Fiberglass, other Plastic** Screen Material:

WATER USE

Primary: **Industrial** Secondary: **Public Supply** Tertiary:

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

	Dia. (in.)	Top (ft.)	Bottom (ft.)
C	4	0	152
S	4	152	172
C	4	172	217
S	4	217	237

Water Levels: **Miscellaneous Measurements**

1 measurement
1990
-81

Water Quality: **N**

Other Data:

Logs: **D**

REMARKS:

Owners well #2. PWS ID #0450080B. Estimated yield 100 GPM. Pump set at 147 feet. Cemented from 0 to 15 feet.

Reporting Agency: **TWC/TNRCC/TCEQ**

Date Collected or Reported: **02/24/2011**

Recorded by: D. R. Jones

New

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas
WELL REPORT

Texas Water Well Drillers Board
P. . Box 13087
Austin, Texas 78711

1) OWNER DIVERSITECH CORP. (Name) ADDRESS P.O. Box 357 (Street or RFD) COLUMBUS (City) TX (State) 78934 (Zip)

2) LOCATION OF WELL: County COLORADO . 8 miles in E (NE, SW, etc.) direction from COLUMBUS, TX (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☑ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____ ☐ Driven

6) WELL LOG:
Date Drilling: Started 10-2 1990 Completed 10-2 1990

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	238.

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	3	TOP SOIL
3	34	YELLOW & WHITE CLAY
34	136	SAND W/ CLAY STRKS
136	137	ROCK
137	154	WHITE CLAY
154	172	SAND
172	173	ROCK
173	219	RED CLAY
219	237	SAND
237	238	ROCK

(Use reverse side if necessary)

RECEIVED DEC 10 1990 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	4" S/40 PVC	+2	152	
4	N	" " "	152	172	20
4	N	" " "	172	217	
4	N	" " "	217	237	12

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 2
_____ ft. to _____ ft. No. of Sacks Used _____
Method used CONCRETE POURED
Cemented by NWWSI

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 147 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 100 gpm with — ft. drawdown after — hrs.

11) WATER LEVEL:
Static level 81 ft. below land surface Date 10290
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS: NONE Type Depth

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME NEUENDORFF'S WATER WELL SVC (Type or print) WELL DRILLER'S LICENSE NO. 3099

ADDRESS P.O. Box 131 (Street or RFD) COLUMBUS (City) TX (State) 78934 (Zip)

(Signed) Ronald Neuendorff (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

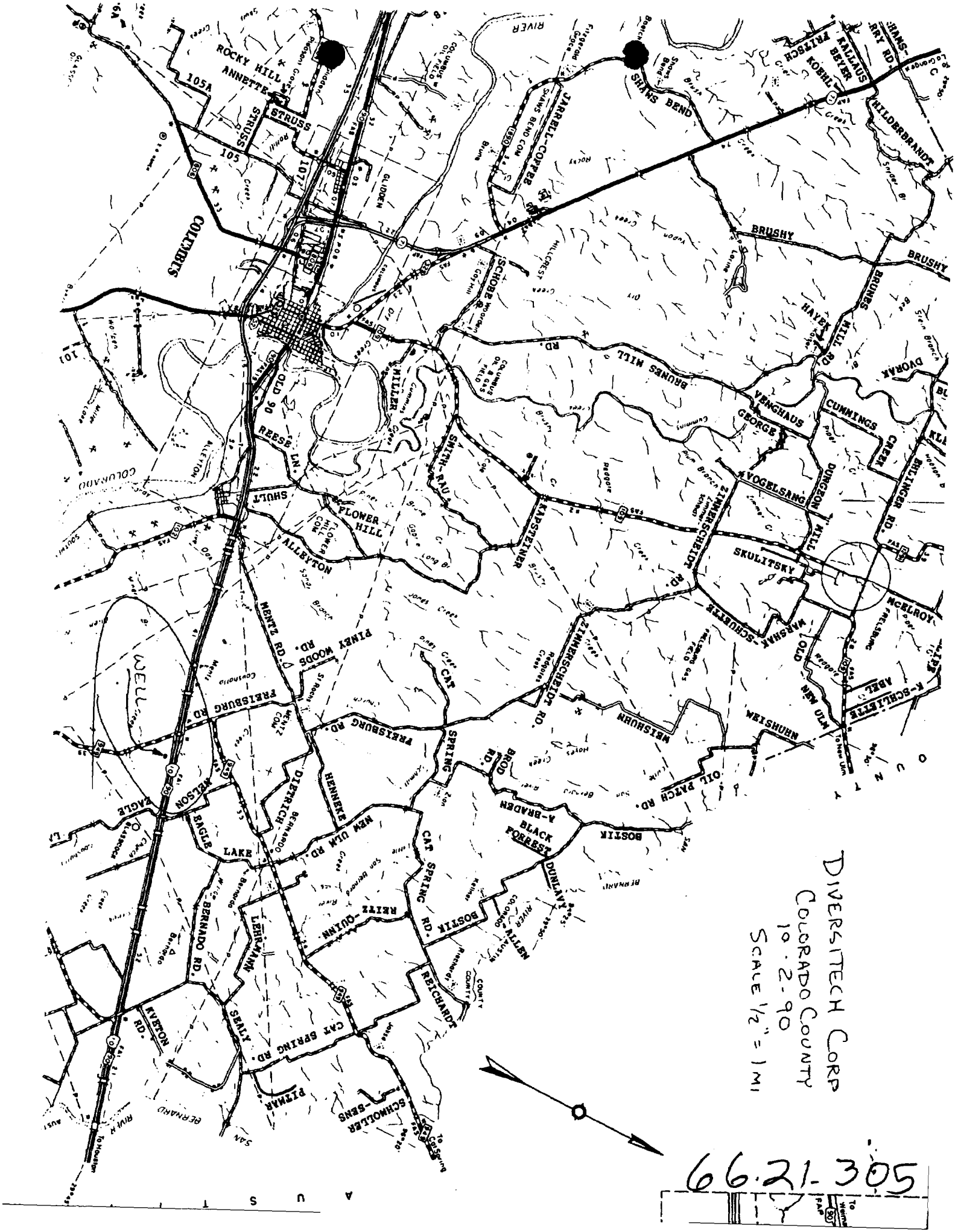
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 66-21-3 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

66-21-305



DIVERSITECH CORP
COLORADO COUNTY
10-2-90
SCALE 1/2" = 1 MI

66-21-305

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 66-21-305

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6621305
County	Colorado
River Basin	Brazos-Colorado
Groundwater Management Area	15
Regional Water Planning Area	K - Lower Colorado
Groundwater Conservation District	Colorado County GCD
Latitude (decimal degrees)	29.725
Latitude (degrees minutes seconds)	29° 43' 30" N
Longitude (decimal degrees)	-96.408612
Longitude (degrees minutes seconds)	096° 24' 31" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	275
Land Surface Elevation Method	Digital Elevation Model -DEM
Well Depth (feet below land surface)	238
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	10/2/1990
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	147
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Diversitech Corp. Well #2
Driller	Neuendorff's Water Well Service
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	G0450080B
Groundwater Conservation District Well Number	
Owner Well Number	2
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Commission on Environmental Quality
Created Date	2/24/2011
Last Update Date	7/20/2016

Remarks	Estimated yield 100 GPM. Cemented from 0 to 15 feet.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
4	Blank	Plastic (PVC)			0	152
4	Screen				152	172
4	Blank	Plastic (PVC)			172	217
4	Screen				217	237

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

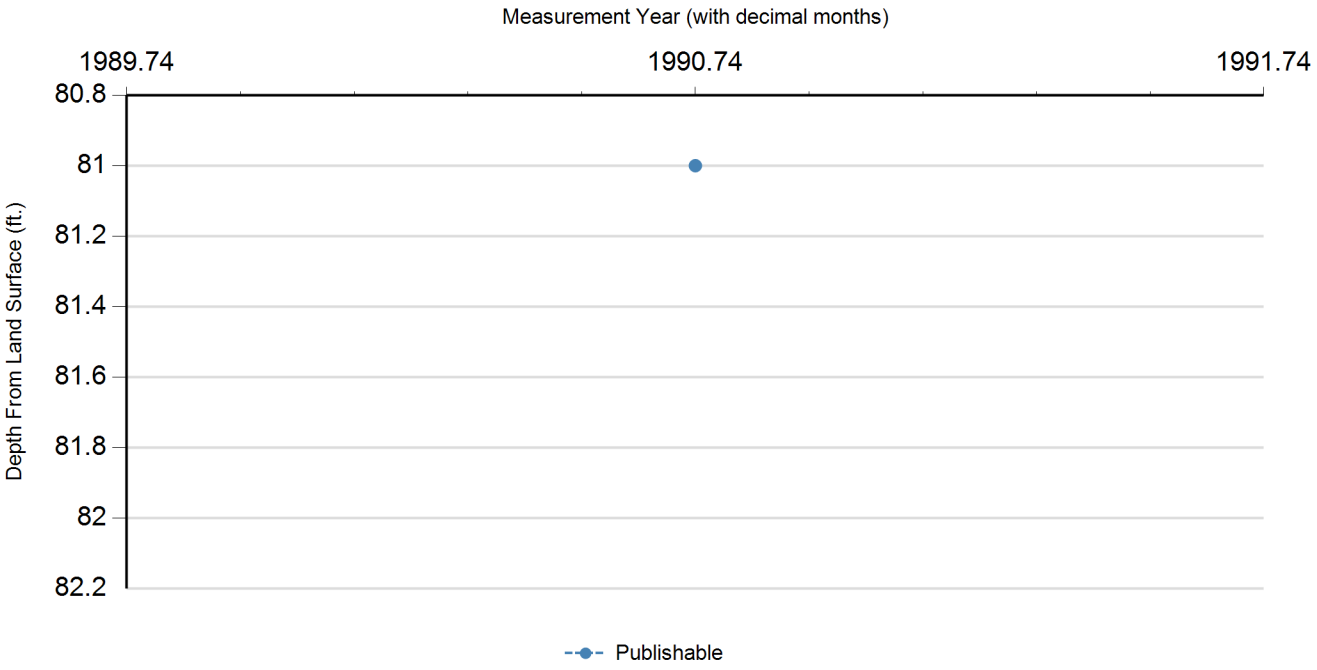
Borehole - No Data

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	10/2/1990		81		194	1	Registered Water Well Driller	Unknown		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

ATTACHMENT P

Groundwater Quality Assessment

Ground Water Quality Assessment
Titan Production Equipment, LLC Property
TPDES Permit Renewal Application
2207 FM 949 Alleyton, Texas 78935
WQ0011975001

The Titan Production Equipment, LLC (Titan) property is located centrally in the eastern portion of Colorado County, Texas near the intersection of Interstate Highway 10 and FM 949. The Gulf Coast Aquifer is present in all of Colorado County and is the source of ground water to the area. The Chicot aquifer is the upper component of the Gulf Coast Aquifer and is the source of ground water to the Exterran facility and adjacent residences. Water quality is generally good in the shallower portion of the aquifer.

The Chicot aquifer consists mainly of discontinuous layers of sand and clay of about equal thickness. The Chicot aquifer includes all deposits from the land surface to the top of the Evangeline aquifer which is located immediately below the Chicot. All of the deposits in the Chicot aquifer contain fresh water. The thickness of the individual sand units in the aquifer range from a few feet to 500-feet. A Geohydrologic Section of the Chicot and the underlying layers is attached.

Water in the Chicot aquifer is typically a calcium bicarbonate type, but water from about 20 percent of the aquifer is a bicarbonate type. The Chicot aquifer contains hard to very hard water, but concentrations of dissolved solids vary greatly.

Land use in the area is typically scattered commercial/industrial in the Interstate Highway 10/FM 949 intersection area, residential and low intensity cattle operations. Titan land applies treated domestic wastewater from their facility and adjacent residences operate onsite wastewater treatment systems. There are no oilfield activities in the immediate area of the Titan facility. Accordingly, degradation products of wastewater treatment and disposal (nitrates and fecal coliform) are the primary concern with affecting ground water in the area.

A review of online data resources including the Texas Water Development Board, the Texas Commission on Environmental Quality and the Colorado County Ground Water Conservation District was performed to determine the availability of chemical analyses of ground water (specifically nitrates) in the area. Nitrate data was available for Titan's public water supply well which is screened from 298-feet below ground surface (bgs) to 317-feet bgs. Nitrate concentrations present in Titan's well were below 0.4 mg/L. The Maximum Concentration Level for nitrate is 10 mg/L. Accordingly, acceptable application of treated wastewater and the clay restrictive units in the aquifer appear to provide acceptable protection of the aquifer.

Nitrate ground water concentrations were not available for shallow adjacent residential wells. These wells are typically screened at depths less than 100-feet below ground surface. A simplified cross-section was developed from driller's logs from a nearby well southwest of the Titan facility tending northeast through the Titan facility then east to a neighboring water well. The cross-section is attached and indicates that a restrictive clay layer is present immediately

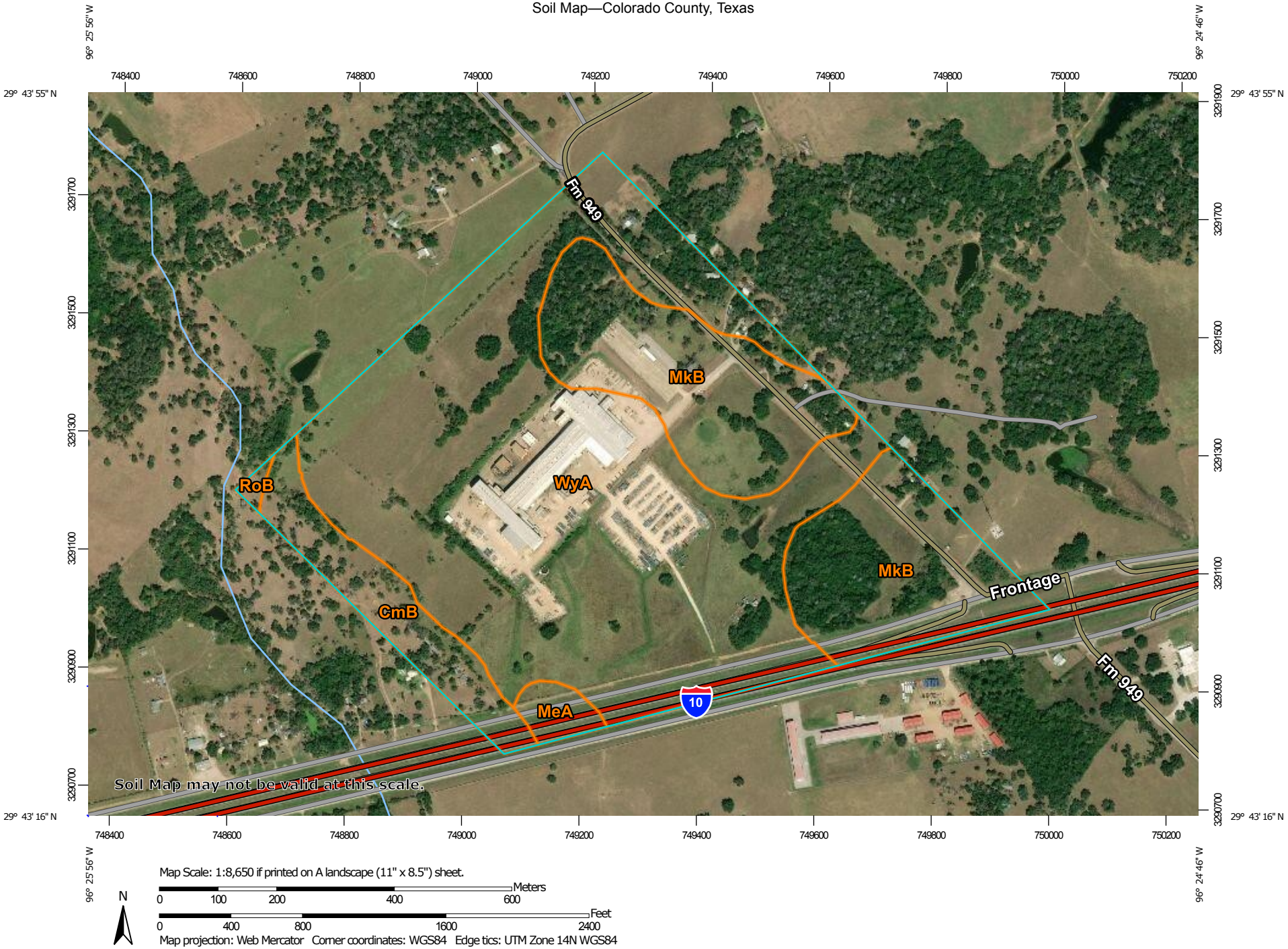
below the topsoil layer. The clay layer thickness ranges from 18-feet to 38-feet in the Titan property and adjacent area. The aquifer sands utilized by the adjacent neighbors is immediately below the restrictive clay layer.

The clay layer presence, thickness and quality is suitable to restrict the movement of treated wastewater from the shallow soils to aquifer bearing sands. Accordingly, it is unlikely that land application in accordance with Texas Commission on Environmental Quality approved application rates will affect the shallow zones of the Chicot aquifer.

ATTACHMENT Q

Soil Map and Soil Analysis

Soil Map—Colorado County, Texas



Map Scale: 1:8,650 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 400 800 1600 2400

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 1:24,000.

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: Colorado County, Texas
Survey Area Data: Version 16, Sep 14, 2018

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

Date(s) aerial images were photographed: Aug 23, 2015—Oct 17, 2017

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
CmB	Cheetham loamy sand, 1 to 3 percent slopes	12.8	7.1%
MeA	Mentz fine sandy loam, 0 to 1 percent slopes	2.7	1.5%
MkB	Mockley fine sandy loam, 1 to 3 percent slopes	50.5	28.1%
RoB	Robco-Tanglewood complex, 1 to 5 percent slopes	0.6	0.3%
WyA	Wockley fine sandy loam, 0 to 1 percent slopes	112.8	62.9%
Totals for Area of Interest		**179.4**	**100.0%**

ATTACHMENT R

Permit Application Voucher

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
EPAY • ONLINE PAYMENT APPLICATION

Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

Transaction Information

Voucher Number:	713640
Trace Number:	582EA000618108
Date:	07/18/2024 03:58 PM
Payment Method:	CC - Authorization 000004410P
Voucher Amount:	$300.00
Fee Type:	WW PERMIT - FACILITY WITH FLOW < .05 MGD - RENEWAL
ePay Actor:	BARBARA WEISHUHN
Actor Email:	jbweis@sbcglobal.net
IP:	70.120.192.112

Payment Contact Information

Name:	BARBARA WEISHUHN
Company:	WEISHUHN ENGINEERING INC
Address:	1008 LIVE OAK STREET, COLUMBUS, TX 78934
Phone:	979-732-6997

Site Information

RN:	RN100928696
Site Name:	COLUMBUS FACILITY WWTF
Site Address:	2207 FM 949, ALLEYTON, TX 78935

Customer Information

CN:	CN605551720
Customer Name:	TITAN PRODUCTION EQUIPMENT
Customer Address:	2207 FM 949, ALLEYTON, TX 78935
State Franchise Tax ID:	32067353212

Other Information

Program Area ID:	0011975001

Close

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
EPAY • ONLINE PAYMENT APPLICATION

Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

Transaction Information

Voucher Number:	713641
Trace Number:	582EA000618108
Date:	07/18/2024 03:58 PM
Payment Method:	CC - Authorization 000004410P
Voucher Amount:	$15.00
Fee Type:	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE
ePay Actor:	BARBARA WEISHUHN
Actor Email:	jbweis@sbcglobal.net
IP:	70.120.192.112

Payment Contact Information

Name:	BARBARA WEISHUHN
Company:	WEISHUHN ENGINEERING INC
Address:	1008 LIVE OAK STREET, COLUMBUS, TX 78934
Phone:	979-732-6997

Close

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECIBO DE LA SOLICITUD Y
EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA
RENOVACION

PERMISO NO. WQ0011975001

SOLICITUD. Titan Production Equipment, LLC, 2207 Farm-to-Market Road 949, Alleyton, Texas 78935 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0011975001 del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 6,000 galones por día mediante riego superficial de 10 acres de pastizales de acceso no público. La instalación de tratamiento de aguas residuales domésticas y el área de eliminación están ubicadas en 2207 Farm-to-Market Road 949, en el condado de Colorado, Texas 78935. TCEQ recibió esta solicitud el 18 de julio de 2024. La solicitud de permiso estará disponible para ver y copiar en Biblioteca Nesbitt Memorial, 529 Washington Street, Columbus, en el condado de Colorado, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.423888,29.726388&level=18

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos

esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Ademas, puede pedir que la TCEQ ponga su nombre en una or mas de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envia por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y

solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Titan Production Equipment, LLC a la dirección indicada arriba o llamando a Mike Grimland al 281-607-7101.

Fecha de emission:

Re: Application to Renew Permit No. WQ0011975001 - Notice of Deficiency Letter

Weishuhn Engineering Inc <weishuhnengineering@gmail.com>
Mon 7/29/2024 5:11 PM
To:Savannah Jackson <Savannah.Jackson@tceq.texas.gov>
Cc:mike.grimland@titanpeq.com <mike.grimland@titanpeq.com>;Erwin Madrid <Erwin.Madrid@tceq.texas.gov>;Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>

1 attachments (101 KB)
Translated spanish Nori.docx;

Information is correct
Spanish Nori is attached

Thank you

Barbara Weishuhn

On Mon, Jul 29, 2024 at 4:33 PM Savannah Jackson <Savannah.Jackson@tceq.texas.gov> wrote:

> Dear Mr. Mike Grimland,
>
> The attached Notice of Deficiency letter sent on July 29, 2024, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by August 12, 2024, and be sure to push "reply all" when responding to this email.
>
> Thank you,

Savannah Jackson

Texas Commission on Environmental Quality

Water Quality Division

512-239-4306
savannah.jackson@tceq.texas.gov