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

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

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS
Enter 'INDUSTRIAL' or 'DOMESTIC' here 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.

City of Pyote (CN600650915) operates City of Pyote WWTP (RN102187192), a wastewater treatment facility. The facility is located at between US Hwy 180 and IH20, approximately 500' east of the US Hwy 115 and US Hwy 80 intersection, in Pyote, Ward County, Texas 79777. Renewal to discharge treated wastewater. *<<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 NA. effluent is treated by extended aeration and subjected to anaerobic holding tank.

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

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí **/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.

1. Introduzca el nombre del solicitante aquí (2. Introduzca el número de cliente aquí (es decir, CN6########).) 3. Elija del menú desplegable 4. Introduzca el nombre de la instalación aquí 5. Introduzca el número de entidad regulada aquí (es decir, RN1########), 6. Elija del menú desplegable 7. Introduzca la descripción de la instalación aquí. La instalación 8. Elija del menú desplegable. ubicada en 9. Introduzca la ubicación aquí, en 10. Introduzca el nombre de la ciudad aquí, Condado de 11. Introduzca el nombre del condado aquí, Texas 12. Introduzca el código postal aquí. 13. Introduzca el resumen de la petición de solicitud aquí. *<<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 14. Liste todos los contaminantes esperados aquí. 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0013986001

APPLICATION. City of Pyote, P.O Box 137, Pyote, Texas 79777, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0013986001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 11,000 gallons per day via surface irrigation of 6.52 acres of non-public access land. The domestic wastewater treatment facility and disposal area are located appoximatley 500 feet east of the intersection of Rodgers Street South Highway 115 and U.S, Highway 80 Business Insterstate Route 20 in the city of Pyote, in Ward County, Texas 79777. TCEQ received this application on March 13, 2025. The permit application will be available for viewing and copying at City of Pyote City Hall, 201 11th street, Pyote, in Ward 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=-103.117777,31.5325&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 City of Pyote at the address stated above or by calling Ms. Yolanda Graves, City Secretary, at 432-208-5682.

Issuance Date: April 10, 2025

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECIBO DE LA SOLICITUD E
INTENCION DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA
RENOVACION

PERMISO NO. WQ0013986001

SOLICITUD. City of Pyote, P.O. Box 137, Pyote, Texas 79777, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar el Permiso No.WQ0013986001 de desecho de aguas residuales para autorizar el desecho de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 11,000 galones por día por mediante: irrigación superficial de 6.52 acres de terreno sin acceso publico. La planta de tratamiento de aguas domésticos residuales y el área de desecho están ubicados aproximadamente a 500 pies al este de la intersección de la carretera U.S. 80 (Bus. Interestatal 20) y la Rodgers Street, en la ciudad de Pyote, en el Condado de Ward, Texas. La TCEQ recibió esta solicitud el día 13 de Marzo del 2025. La solicitud para el permiso estará disponible para leerla y copiarla en City of Pyote City hall, 201 11th Street, Pyote, in Ward County, Texas, antes de la fecha de publicación de este aviso en el periódico. La solicitud, incluidas las actualizaciones y los avisos asociados, esta disponible electrónicamente en la siguiente pagina web:
https://www.tceq.texas.gov/permitting/wastewater/pendingpermits/tlap-applications.
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=-103.117777,31.5325&level=18

También se puede obtener más información comunicándose con la Ciudad de Pyote en la dirección indicada anteriormente o llamando a la Sra. Yolanda Graves, Secretaria de la Ciudad, al 432-208-5682.

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 City of Pyote a la dirección indicada arriba o llamando a Yolanda Graves, Secretaria de la Ciudad, al 432-208-5682.

Fecha de emisión _____ *[Date notice issued]*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 13, 2025

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

Dear Applicant:

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

ER Account Number: ER112369
Application Reference Number: 767690
Authorization Number: WQ0013986001
Site Name: City of Pyote WWTP
Regulated Entity: RN102187192 - City of Pyote WWTP
Customer(s): CN600650915 - City of Pyote

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

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

Sincerely,
Applications Review and Processing Team
Water Quality Division

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0013986001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	CITY OF PYOTE WWTP
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	LOCATED BETWEEN US 80 BUSINESS IH RT 20 & IH 20 APPROX 500 FT E OF THE INTERXOF ROGERS ST SH 115 & US HWY 80 BUSINESS IH ROUTE 20
City	PYOTE
State	TX
ZIP	79777
County	WARD
Latitude (N) (##.######)	31.5325
Longitude (W) (-###.######)	-103.117777
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN102187192
What is the name of the Regulated Entity (RE)?	CITY OF PYOTE WWTP
Does the RE site have a physical address?	No
Physical Address	
Because there is no physical address, describe how to locate this site:	LOCATED BETWEEN US 80 BUSINESS IH RT 20 & IH 20 APPROX 500 FT E OF THE INTERXOF ROGERS ST SH 115 & US HWY 80 BUSINESS IH ROUTE 20
City	PYOTE
State	TX
ZIP	79777
County	WARD
Latitude (N) (##.######)	31.5325
Longitude (W) (-###.######)	-103.117777
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC TLAP

City of-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN600650915
Type of Customer	City Government
Full legal name of the applicant:	
Legal Name	City of Pyote
Texas SOS Filing Number	
Federal Tax ID	
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	City of Pyote
Prefix	
First	Yolanda
Middle	
Last	Graves
Suffix	
Credentials	
Title	City Secretary
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 137
Routing (such as Mail Code, Dept., or Attn:)	
City	PYOTE
State	TX
ZIP	79777
Phone (###-###-####)	4322085682
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	city@cityofpyote.org

Billing Contact

Responsible contact for receiving billing statements:

Select the permittee that is responsible for payment of the annual fee.	CN600650915, City of Pyote
Organization Name	CITY OF PYOTE
Prefix	
First	Yolanda
Middle	
Last	Graves
Suffix	
Credentials	
Title	City Secretary
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 137
Routing (such as Mail Code, Dept., or Attn:)	
City	PYOTE
State	TX
ZIP	79777
Phone (###-###-####)	4323895845
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	city@cityofpyote.org

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	CITY OF PYOTE
Prefix	
First	Yolanda
Middle	
Last	Graves
Suffix	
Credentials	
Title	City Secretary
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 137
Routing (such as Mail Code, Dept., or Attn:)	
City	PYOTE
State	TX
ZIP	79777
Phone (###-###-####)	4322085682
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	city@cityofpyote.org

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	KLEINMAN CONSULTANTS
Prefix	MR
First	RAMON
Middle	
Last	CARRASCO
Suffix	
Credentials	
Title	ENGINEER
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1175
Routing (such as Mail Code, Dept., or Attn:)	
City	PRESIDIO
State	TX
ZIP	79845
Phone (###-###-####)	4326649057
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	RAMON@KLEINMANCONSULTANTS.US

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	
Organization Name	CITY OF PYOTE
Prefix	
First	Robert
Middle	
Last	Graves
Suffix	
Credentials	
Title	Operator
Enter new address or copy one from list:	

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 137
Routing (such as Mail Code, Dept., or Attn:)	
City	PYOTE
State	TX
ZIP	79777
Phone (###-###-####)	4324489326
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	city@cityofpyote.org

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	DMR Contact
2) Organization Name	CITY OF PYOTE
3) Prefix	
4) First	Yolanda
5) Middle	
6) Last	Graves
7) Suffix	
8) Credentials	
9) Title	City Secretary

Mailing Address

10) Enter new address or copy one from list

11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 137
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	PYOTE
11.4) State	TX
11.5) ZIP	79777
12) Phone (###-###-####)	4322085682
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	city@cityofpyote.org

Owner Information

Owner of Treatment Facility

1) Prefix	
2) First and Last Name	
3) Organization Name	City of Pyote
4) Mailing Address	PO Box 137
5) City	Pyote
6) State	TX
7) Zip Code	79777
8) Phone (###-###-####)	4322085682
9) Extension	
10) Email	city@cityofpyote.org
11) What is ownership of the treatment facility?	Public

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

12) Prefix	
13) First and Last Name	James Buice
14) Organization Name	University of Texas Lands
15) Mailing Address	PO Box 553
16) City	Midland
17) State	TX
18) Zip Code	79702
19) Phone (###-###-####)	4326827456
20) Extension	
21) Email	james.buice@utsystem.edu
22) Is the landowner the same person as the facility owner or co-applicant?	No

General Information Renewal-Amendment

1) Current authorization expiration date:	09/01/2025
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Public Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	0.011
5.2) Select the applicable fee	< .05 MGD - Renewal - $315
6) What is the classification for your authorization?	TLAP
6.1) Is the location of the effluent disposal site in the existing permit accurate?	Yes
6.2) City nearest the disposal site:	Pyote
6.3) County in which the disposal site is located:	WARD
6.4) Describe the routing of effluent from the treatment facility to the disposal site:	Effluent is used to irrigate a field
6.5) Identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:	Pecos River
6.6) If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?	Not Applicable
Owner of Effluent TLAP Disposal Site	
6.7) Prefix	
6.8) First and Last Name	
6.9) Organization Name	City of Pyote
6.10) Mailing Address	PO Box 137
6.11) City	Pyote
6.12) State	TX
6.13) Zip Code	79777
6.14) Phone (###-###-####)	4322085682
6.15) Extension	
6.16) Email	city@cityofpyote.org
6.17) Is the landowner the same person as the facility owner or co-applicant?	No
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	No

Public Notice Information

Individual Publishing the Notices

1) Prefix

2) First and Last Name	Yolanda Graves
3) Credential	
4) Title	City Secretary
5) Organization Name	City of Pyote
6) Mailing Address	PO BOX 137
7) Address Line 2	
8) City	PYOTE
9) State	TX
10) Zip Code	79777
11) Phone (###-###-####)	4322085682
12) Extension	
13) Fax (###-###-####)	
14) Email	city@cityofpyote.org
Contact person to be listed in the Notices	
15) Prefix	
16) First and Last Name	Yolanda Graves
17) Credential	
18) Title	City Secretary
19) Organization Name	
20) Phone (###-###-####)	4322085682
21) Fax (###-###-####)	
22) Email	city@cityofpyote.org
Bilingual Notice Requirements	
23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?	Yes
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes
23.2) Do the students at these schools attend a bilingual education program at another location?	No
23.3) 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)?	No
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1

1) County	WARD
2) Public building name	City of Pyote City Hall
3) Location within the building	

4) Physical Address of Building	100 East 11th St
5) City	Pyote
6) Contact Name	Yolanda Graves
7) Phone (###-###-####)	4322085682
8) Extension	
9) Is the location open to the public?	Yes

Lease Agreement or Deed Attachment

1) Attach a lease agreement or deed recorded easement

[File Properties]

File Name	LEASE_University land contract (sewer).pdf
Hash	A182494166054F3EBDBDA6C806EE0CCAC5F7CC5979F9FA62E30615FF20E25EA9
MIME-Type	application/pdf

Plain Language

1) Plain Language

[File Properties]

File Name	LANG_20972_PLS_2025_03_06.docx
Hash	C02703CBDC5A9E32B6219171D62AFA31415E6D8152CB3E8EEE386EB6D55F8F58
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

Domestic Attachments

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

[File Properties]

File Name	MAP_7.5 Minute USGS Map.pdf
Hash	476B09148287D5AF7DFEC0BBBD12FEABD4CF766C358929DEA7281F0686B19BDF
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
2.1) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.2) I confirm that Worksheet 3.0 (Land Disposal of Effluent) is complete and included in the Technical Attachment.	Yes
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No

2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
2.5) I confirm that Worksheet 6.0 (Industrial Waste Contribution) is complete and included in the Technical Attachment.	Yes
2.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No

2.7) Technical Attachment

[File Properties]

File Name	TECH_10054_MUNI_2024 Tech_Updated.docx
Hash	26229AF6BF681B5C6BEE78BFFDE03B3AD93AE842D36C96C955232FF48B2F0107
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

3) Buffer Zone Map

[File Properties]

File Name	BUFF_ZM_Buffer Zone.pdf
Hash	C8FA294C24B316D2B878C4C81472A9C1DE1D94412082AAF47E52B176FEF1BBDC
MIME-Type	application/pdf

4) Flow Diagram

[File Properties]

File Name	FLDIA_Existing Flow Diagram.pdf
Hash	B55D5BFF9A7564E1476F9CE6A0B8D41FF8EE83B76C23F8A1D94CF870F623AA04
MIME-Type	application/pdf

5) Site Drawing

[File Properties]

File Name	SITEDR_Site Drawing.pdf
Hash	C4A4D9087721422E7809D45DC9565CBA60B9DE1A7903576BC707982D0711394F
MIME-Type	application/pdf

[File Properties]

File Name	SITEDR_Aerial Map-Layout1.pdf
Hash	D904209131061B3422F67BAA38C4D53D31B7C79DA8B6B4360DDEA21C9DBBBDAB
MIME-Type	application/pdf

6) Design Calculations

[File Properties]

File Name	DES_CAL_balance Pyote.pdf
Hash	C00EE1268ADACB1198AD62BE8DE642ED0F2195B744728F196CDCEDF88759CF88
MIME-Type	application/pdf

7) Solids Management Plan

8) Water Balance

9) Other Attachments

[File Properties]

File Name	OTHER_Pyote Voucher.pdf
Hash	01CE9697C3C30C8E6B08C09FEC0FB37EBA79314903D1897D129C4F0D1BB27FA2
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Annual Cropping Plan.pdf
Hash	FC6285370383D65668E16584A40C9F048E149C51E5DA4997E5F1FAEBCB42002A
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Existing Flow Diagram.pdf
Hash	B55D5BFF9A7564E1476F9CE6A0B8D41FF8EE83B76C23F8A1D94CF870F623AA04
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Soil Map.pdf
Hash	830354EC36652334CADF2640BC96A52393843FD3FE47FA591B7588E8175AFCDF
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_soil sample.pdf
Hash	8B865139AC9A5E139B9A1D7742B8F725248E4E4E19D29821DE1DCD857FB03086
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_USGS MAP 1.pdf
Hash	79A7625CF998B8E9DCD90D7FF442925949D8E87EA9942B49E47D93F664EC09E5
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_USGS MAP 2.pdf
Hash	9788F32C3B3A4D868941BD5291520089A7E4EED05B29FC846C1FA069A0AA57DB
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Water Analysis.pdf
Hash	B7B584550641CD0F1112CAE76A4F0BAD2AC7C843CEABF617AAFC718A4AE2A194
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Permit signature.pdf
Hash	CCF6DA6E3313A7E501C5EC2D1940DB7C57C14D72CE86F42B89F579FE5621BD60
MIME-Type	application/pdf

Certification

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

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

1. I am Yolanda Graves, the owner of the STEERS account ER093195.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0013986001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Yolanda Graves OWNER

Customer Number:	CN600650915
Legal Name:	City of Pyote
Account Number:	ER093195
Signature IP Address:	23.113.133.33
Signature Date:	2025-03-07
Signature Hash:	FBB944C24AAFA528C3B89102DF36B3877C1FAA64BDDCC8F1FE7FC67AB9D076FC
Form Hash Code at time of Signature:	3462EB21C9942D6C2BDB5C00002C7F1E8408287A7B53DFBF19ED8D087EEB62A4

Fee Payment

Transaction by:	The application fee payment transaction was made by YOLANDA GRAVES

Paid by:	The application fee was paid by YOLANDA GRAVES
Fee Amount:	$300.00
Paid Date:	The application fee was paid on 2025-03-05
Transaction/Voucher number:	The transaction number is 582EA000658014 and the voucher number is 756113

Submission

Reference Number:	The application reference number is 767690
Submitted by:	The application was submitted by ER112369/ Ramon Carrasco
Submitted Timestamp:	The application was submitted on 2025-03-13 at 08:45:06 CDT
Submitted From:	The application was submitted from IP address 208.185.26.187
Confirmation Number:	The confirmation number is 638794
Steers Version:	The STEERS version is 6.88
Permit Number:	The permit number is WQ0013986001

Additional Information

Application Creator: This account was created by Ramon Carrasco

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS
Enter 'INDUSTRIAL' or 'DOMESTIC' here 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.

City of Pyote (CN600650915) operates City of Pyote WWTP (RN102187192), a wastewater treatment facility. The facility is located at between US Hwy 180 and IH20, approximately 500' east of the US Hwy 115 and US Hwy 80 intersection, in Pyote, Ward County, Texas 79777. Renewal to discharge treated wastewater. *<<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 NA. effluent is treated by extended aeration and subjected to anaerobic holding tank.

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

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí **/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.

1. Introduzca el nombre del solicitante aquí (2. Introduzca el número de cliente aquí (es decir, CN6########).) 3. Elija del menú desplegable 4. Introduzca el nombre de la instalación aquí 5. Introduzca el número de entidad regulada aquí (es decir, RN1########), 6. Elija del menú desplegable 7. Introduzca la descripción de la instalación aquí. La instalación 8. Elija del menú desplegable. ubicada en 9. Introduzca la ubicación aquí, en 10. Introduzca el nombre de la ciudad aquí, Condado de 11. Introduzca el nombre del condado aquí, Texas 12. Introduzca el código postal aquí. 13. Introduzca el resumen de la petición de solicitud aquí. *<<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 14. Liste todos los contaminantes esperados aquí. 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

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 1: Industrial Wastewater TPDES Application (ENGLISH)

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.

Example 2: Domestic Wastewater TPDES Renewal 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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

This application is for a renewal to discharge at an annual average flow of 1,200,000 gallons per day of treated domestic wastewater via Outfalls 001 and 002.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 3: Domestic Wastewater TPDES New 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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The City of Texas (CN000000000) proposes to operate the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 123 Texas Street, in the City of More Texas, Texas County, Texas 71234.

This application is for a new application to discharge at a daily average flow of 200,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 4: Domestic Wastewater TLAP Renewal application

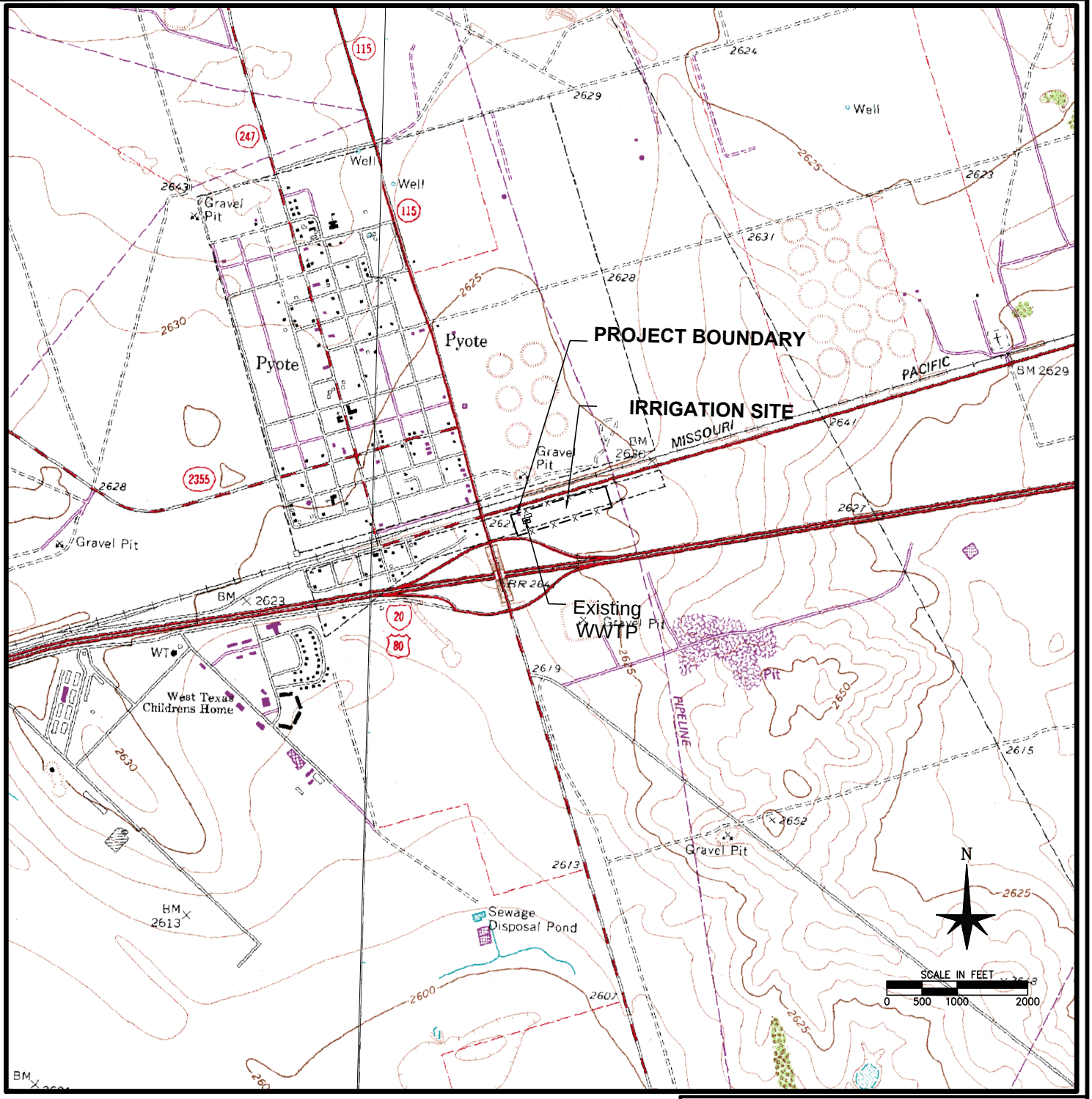
The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application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

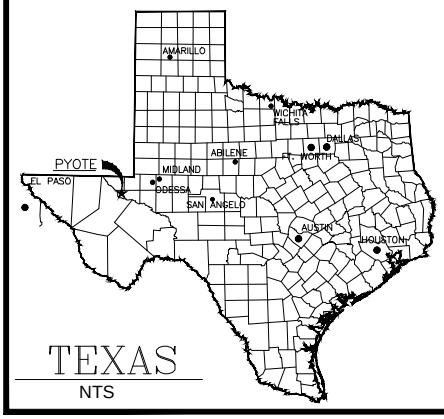
of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

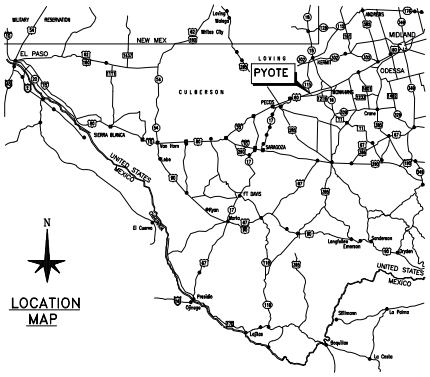
This application is for a renewal to dispose a daily average flow not to exceed 76,500 gallons per day of treated domestic wastewater via public access subsurface drip irrigation system with a minimum area of 32 acres. This permit will not authorize a discharge of pollutants into water in the state.

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD_5), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.





TEXAS
NTS



LOCATION MAP

KLEINMAN CONSULTANTS, PLLC
ENGINEERS | PLANNERS
1207 NW 16th Street, Andrews, Texas 79714
Ph: (432) 664-9057 Fax: (432) 614-6712
Texas Registered Engineering Firm No. F-13458

CITY OF PYOTE, TEXAS

WASTEWATER TREATMENT PLANT
TCEQ PERMIT NO. 13986-001

7.5 MINUTE USGS QUADRANGLE MAP

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
RVC	ASC	5/12/15	1051	AS NOTED	1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF TEXAS
TEXAS WATER DEVELOPMENT BOARD

PYOTE EAST QUADRANGLE
TEXAS—WARD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1967. Topography by planetable surveys 1969

Polyconic projection. 1927 North American datum
10,000-foot grid based on Texas coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Fine red dashed lines indicate selected fence lines

To place on the predicted North American Datum 1983 move the projection lines 11 meters south and 42 meters east as shown by dashed corner ticks

Revisions shown in purple compiled from aerial photographs taken 1979. Map edited 1981. This information not field checked

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

3103-411

ROAD CLASSIFICATION

Primary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface
Unimproved road, fair or dry weather
Interstate Route
U. S. Route
State Route

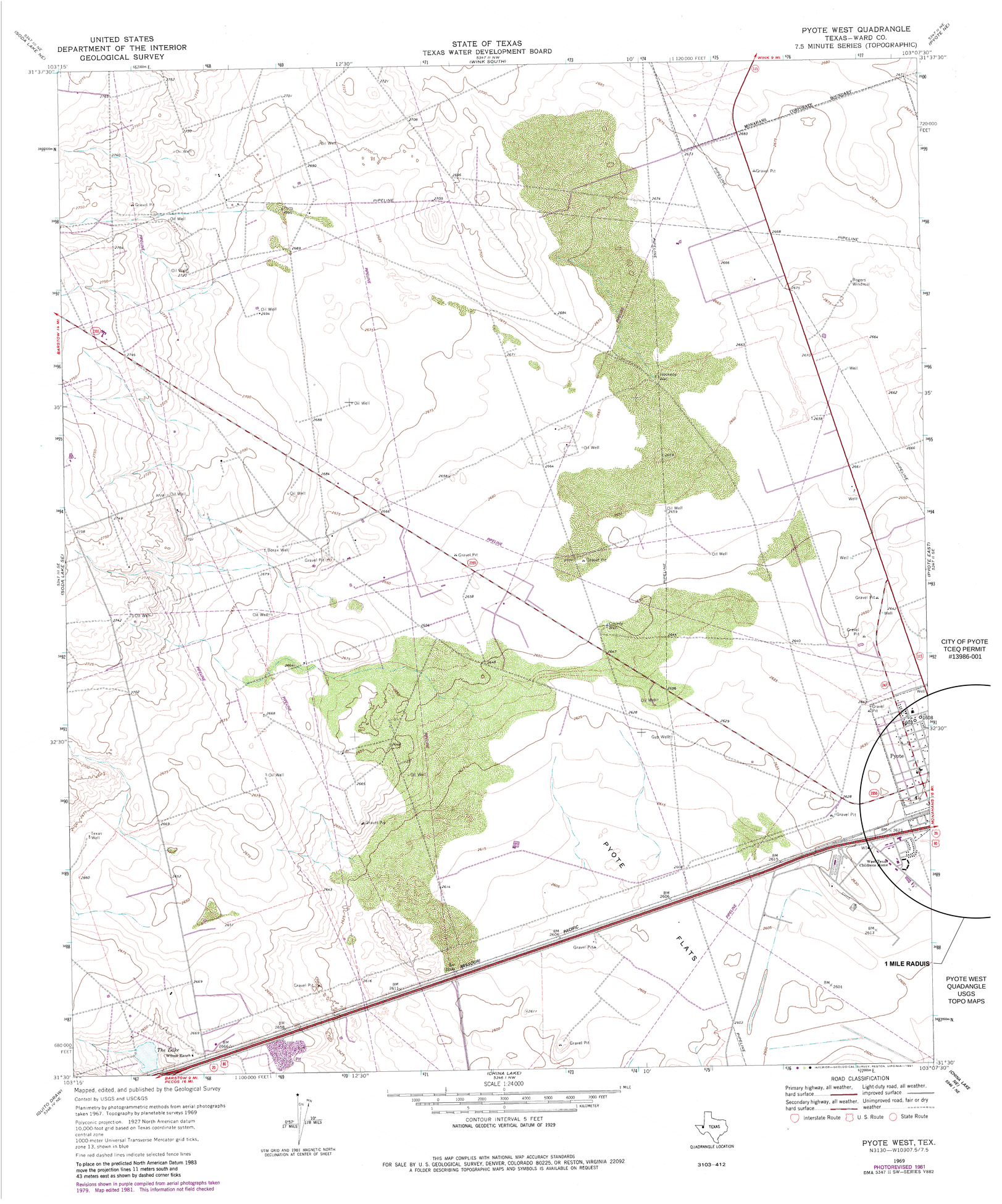
DEC 15 1981

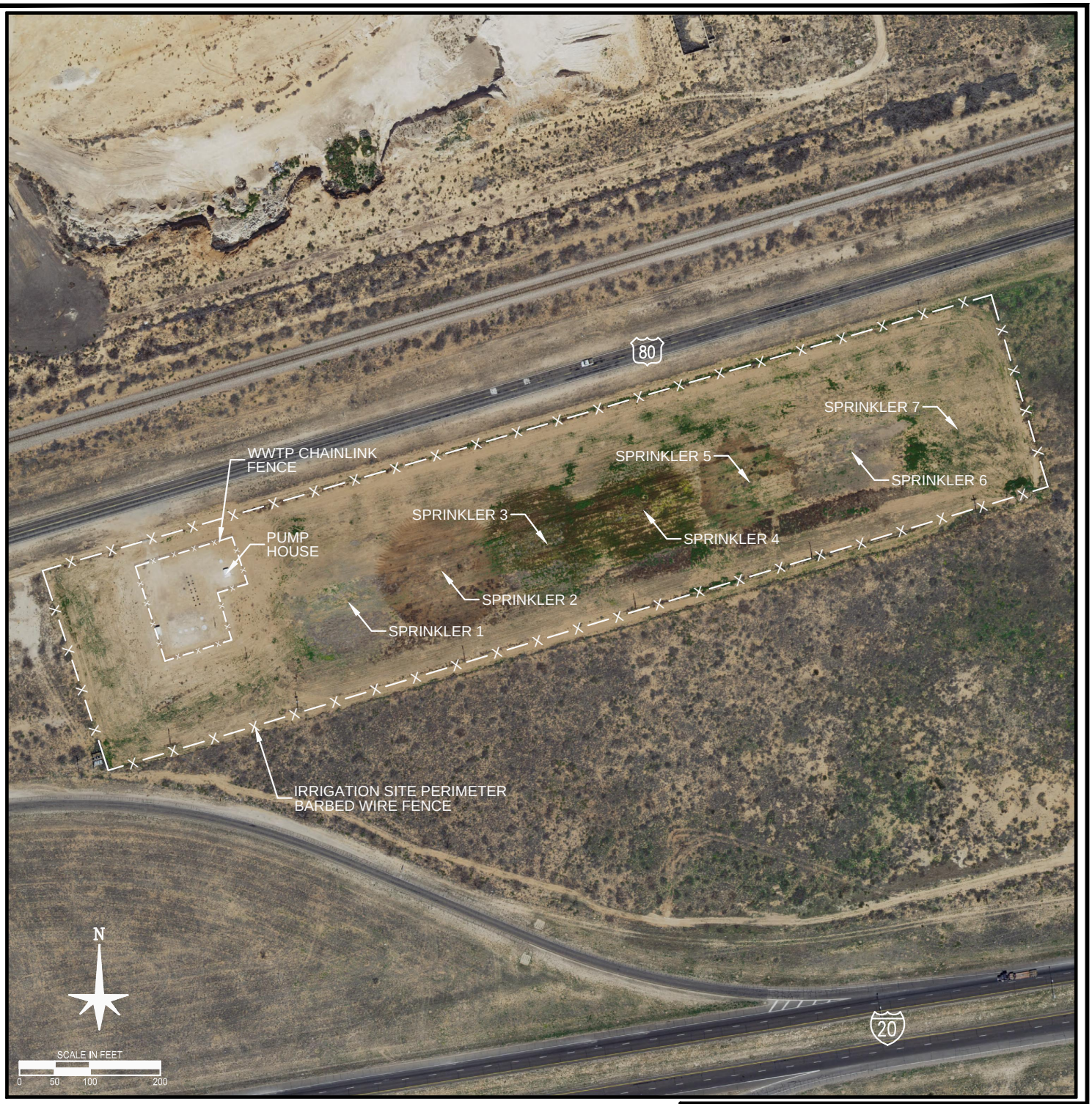
PYOTE EAST, TEX.
N3130—W10300/7.5

1969
PHOTOREVISED 1981
DMA 5347 II SE—SERIES V882

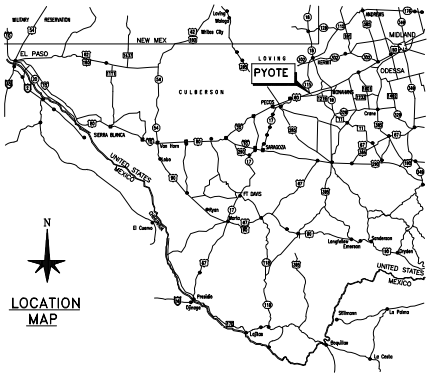
2052

RETURN TO:
USGS MAP HISTORICAL MAP ARCHIVES


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
STATE OF TEXAS
TEXAS WATER DEVELOPMENT BOARD
PYOTE WEST QUADRANGLE
TEXAS—WARD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
CITY OF PYOTE
TCEQ PERMIT
#13986-001
1 MILE RADIUS
PYOTE WEST
QUADANGLE
USGS
TOPO MAPS
PYOTE
FLATS
SCALE 1:24000
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ROAD CLASSIFICATION
PYOTE WEST, TEX.
N3130—W10307.5/7.5
1969
PHOTOREVISED 1981
DMA 3347 II SW—SERIES V882
3103-412
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Planimetry by photogrammetric methods from aerial photographs taken 1967. Topography by planetable surveys 1969
Polyconic projection. 1927 North American datum
10,000-foot grid based on Texas coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue
Fine red dashed lines indicate selected fence lines
To place on the predicted North American Datum 1983 move the projection lines 11 meters south and 43 meters east as shown by dashed corner ticks
Revisions shown in purple compiled from aerial photographs taken 1979. Map edited 1981. This information not field checked
UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
QUADRANGLE LOCATION



TEXAS
NTS



LOCATION MAP

KLEINMAN CONSULTANTS, PLLC
ENGINEERS | PLANNERS
1207 NW 16th Street, Andrews, Texas 79714
Ph: (432) 664-9057 Fax: (432) 614-6712
Texas Registered Engineering Firm No. F-13458

CITY OF PYOTE, TEXAS

WASTEWATER TREATMENT PLANT
TCEQ PERMIT NO. 13986-001

7.5 MINUTE USGS QUADRANGLE MAP

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
RVC	AAC	2/25/16	1051	AS NOTED	1 of 1

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0013986001

Applicant: City of Pyote

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): Abigail Pritchard

Signatory title: Mayor

Signature: Abigail Pritchard Date: 3-5-2025

(Use blue ink)

Subscribed and Sworn to before me by the said Abigail Pritchard

on this 5th day of March, 2025.

My commission expires on the 25th day of September, 2025.

Yolanda Graves

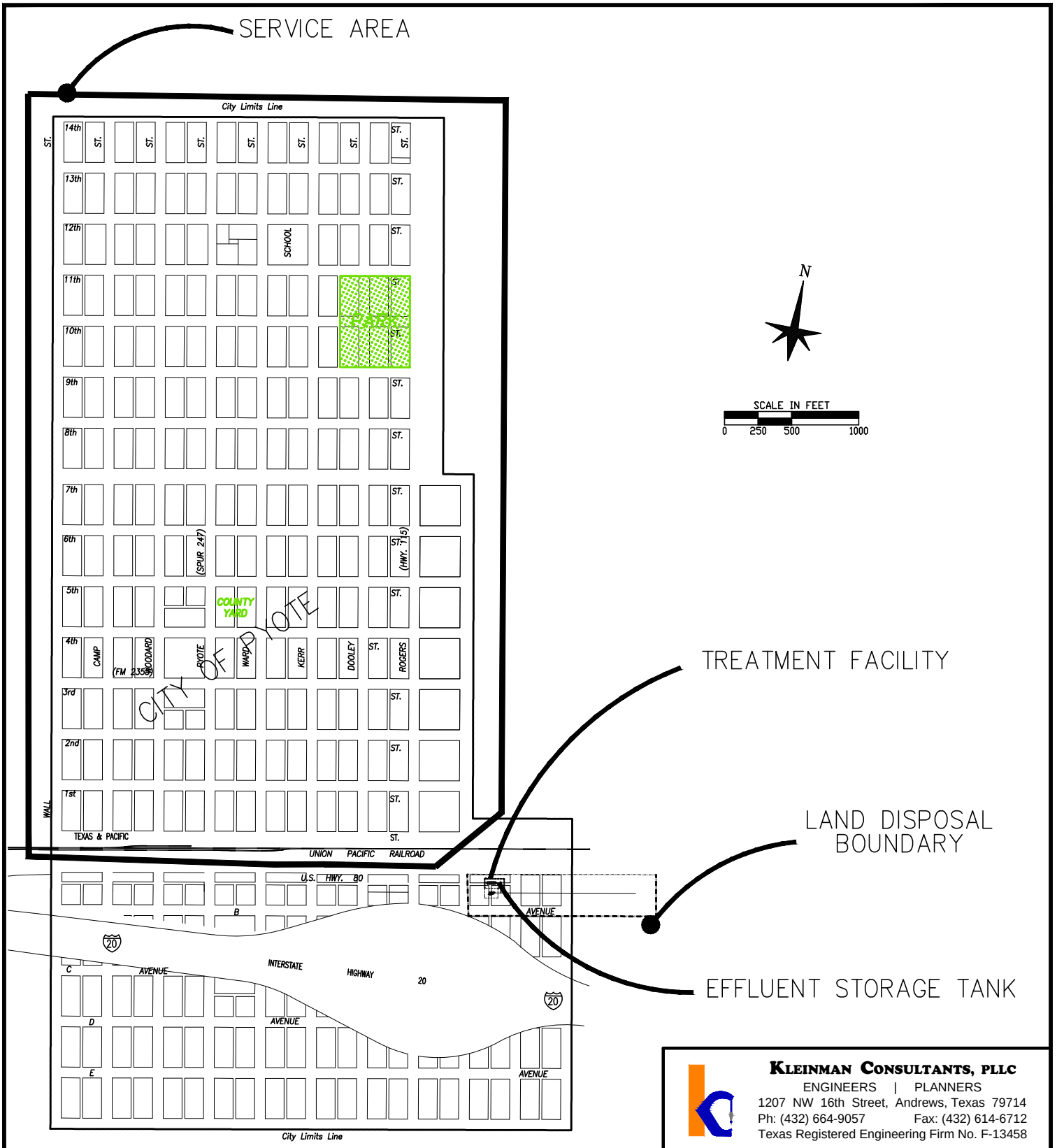
Notary Public

YOLANDA GRAVES
Notary ID #131291671
My Commission Expires
September 25, 2025

[SEAL]

Ward

County, Texas



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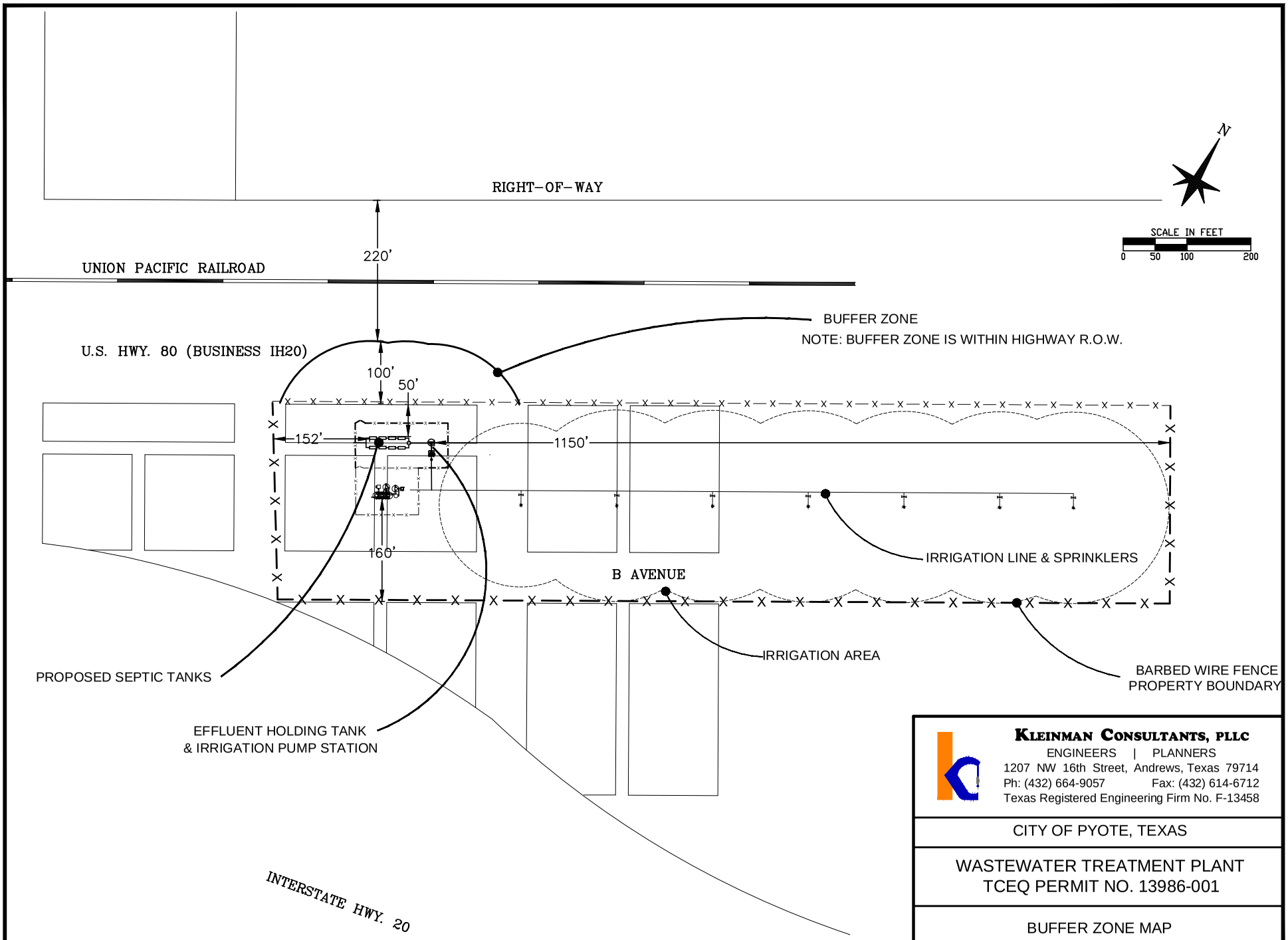
WASTEWATER TREATMENT PLANT
TCEQ PERMIT NO. 13986-001

SITE DRAWING

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
RVC	ASC	5/12/15	1051	AS NOTED	1 of 1



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CITY OF PYOTE, TEXAS

WASTEWATER TREATMENT PLANT
TCEQ PERMIT NO. 13986-001

BUFFER ZONE MAP

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
RVC	ASC	5/12/15	1051	AS NOTED	1 of 1

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.011

2-Hr Peak Flow (MGD): 0.033

Estimated construction start date: Existing

Estimated waste disposal start date: Existing

B. Interim II Phase

Design Flow (MGD): NA

2-Hr Peak Flow (MGD): NA

Estimated construction start date: NA

Estimated waste disposal start date: NA

C. Final Phase

Design Flow (MGD): 0.011

2-Hr Peak Flow (MGD): 0.022

Estimated construction start date: Existing

Estimated waste disposal start date: Existing

D. Current Operating Phase

Provide the startup date of the facility: Existing

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

Existing - Extended Aeration: From the Lift Station to the aeration basin, then to the clarifier, then to the chlorine contact chamber, then to the effluent holding tank, then pumped to the irrigation site. Phase II - Anaerobic: From the grinder pump lift station to the septic tanks, then to the effluent holding tank, then pumped to the irrigation site.

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Septic Tank	8	133"x55"x66" - 1500 gal. each
Effluent Holding Tank	1	10' 4"D X 10'5" Diameter

C. Process Flow Diagram

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

Attachment: Existing Flow Diagram.pdf

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

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

- Latitude: NA
- Longitude: NA

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

- Latitude: 31°31’58”N
- Longitude: 103°07’00”W

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: Site Drawing.pdf
Provide the name **and** a description of the area served by the treatment facility.

Treatment facility serves the City of Pyote.

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 44)

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 44)

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.

NA

Section 6. Permit Specific Requirements (Instructions Page 44)

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: August 8, 2007

Provide information, including dates, on any actions taken to meet a *requirement or provision* pertaining to the submission of a summary transmittal letter. **Provide a copy of an approval letter from the TCEQ, if applicable**.

Click to enter text.

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.

NA

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?

☐ Yes ☒ No

If No, stop here and continue with Subsection E. Stormwater Management.

2. Grit and grease processing

Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.

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 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 49)

Is the facility in operation?

☒ Yes ☐ No

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

If yes, provide effluent analysis data for the listed pollutants. ***Wastewater treatment facilities*** complete Table 1.0(2). **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	80.62	111	5	grab	monthly
Total Suspended Solids, mg/l	*Pending	additional	data		
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*TPDES permits only
†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Robert Graves

Facility Operator's License Classification and Level: Wastewater Treatment Operator D

Facility Operator's License Number: WW0068373

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

A. WWTP's Sewage Sludge or 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 Sewage Sludge or 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: Click to enter text.

C. Sewage Sludge or Biosolids Management

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

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

Biosolids Management

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

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

D. Disposal site

Disposal site name: City of Monahans Wastewater Treatment Plant

TCEQ permit or registration number: WQ0010224001

County where disposal site is located: Ward

E. Transportation method

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

Name of the hauler: City of Pyote will use a registered hauling truck

Hauler registration number: Click to enter text.

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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 Biosolids	☐ 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): NA

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

Total dry tons stored in the lagoons(s) over the life of the unit: NA

C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

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

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

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

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

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

  Attachment: Click to enter text.

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: NA

Section 14. Laboratory Accreditation (Instructions Page 55)

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

- The laboratory is an in-house laboratory and is:
  - 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: Click to enter text.

Title: Click to enter text.

Signature: _____

Date: _____

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

The following information is required for new and amendment major applications.

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

Provide a detailed discussion regarding the need for any phase(s) not currently permitted. Failure to provide sufficient justification may result in the Executive Director recommending denial of the proposed phase(s) or permit.

NA

B. Regionalization of facilities

For additional guidance, please review TCEQ's Regionalization Policy for Wastewater Treatment[1].

Provide the following information concerning the potential for regionalization of domestic wastewater treatment facilities:

1. *Municipally incorporated areas*

If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN areas.

Is any portion of the proposed service area located in an incorporated city?

☐ Yes ☐ No ☐ Not Applicable

If yes, within the city limits of: Click to enter text.

If yes, attach correspondence from the city.

Attachment: Click to enter text.

If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the proposed facility or expansion attached.

Attachment: Click to enter text.

2. *Utility CCN areas*

Is any portion of the proposed service area located inside another utility's CCN area?

☐ Yes ☐ No

[1] https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater

If yes, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the CCN facilities versus the cost of the proposed facility or expansion.

Attachment: Click to enter text.

3. ***Nearby WWTPs or collection systems***

Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility?

☐ Yes ☐ No

If yes, attach a list of these facilities and collection systems that includes each permittee's name and permit number, and an area map showing the location of these facilities and collection systems.

Attachment: Click to enter text.

If yes, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system.

Attachment: Click to enter text.

If the facility or collection system agrees to provide service, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the facility or collection system versus the cost of the proposed facility or expansion.

Attachment: Click to enter text.

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☐ No

If no, proceed to Item B, Proposed Organic Loading.

If yes, provide organic loading information in Item A, Current Organic Loading

A. Current organic loading

Facility Design Flow (flow being requested in application): Click to enter text.

Average Influent Organic Strength or BOD_5 Concentration in mg/l: Click to enter text.

Average Influent Loading (lbs/day = total average flow X average BOD_5 conc. X 8.34): Click to enter text.

Provide the source of the average organic strength or BOD_5 concentration.

Click to enter text.

B. Proposed organic loading

This table must be completed if this application is for a facility that is not in operation or if this application is to request an increased flow that will impact organic loading.

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources		
AVERAGE BOD_5 from all sources		

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 58)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click to enter text.

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click to enter text.

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click to enter text.

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

☐ Chlorine: Click to enter text. mg/l after Click to enter text. minutes detention time at peak flow

Dechlorination process: Click to enter text.

☐ Ultraviolet Light: Click to enter text. seconds contact time at peak flow

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 58)

Attach design calculations and plant features for each proposed phase. Example 4 of the instructions includes sample design calculations and plant features.

Attachment: Click to enter text.

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

Will the proposed facilities be located above the 100-year frequency flood level?

☒ Yes ☐ No

If no, describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures.

Click to enter text.

Provide the source(s) used to determine 100-year frequency flood plain.

Click to enter text.

For a new or expansion of a facility, will a wetland or part of a wetland be filled?

☐ Yes ☐ No

If yes, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit?

☐ Yes ☐ No

If yes, provide the permit number: Click to enter text.

If no, provide the approximate date you anticipate submitting your application to the Corps: Click to enter text.

B. Wind rose

Attach a wind rose: Click to enter text.

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 59)

A. Beneficial use authorization

Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit?

☐ Yes ☐ No

If yes, attach the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)**: Click to enter text.

B. Sludge processing authorization

Identify the sludge processing, storage or disposal options that will be conducted at the wastewater treatment facility:

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

If any of the above, sludge options are selected, attach the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)**: Click to enter text.

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 60)

Attach a solids management plan to the application.

Attachment: NA

The sewage sludge solids management plan must contain the following information:

- Treatment units and processes dimensions and capacities

- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

An example of a sewage sludge solids management plan has been included as Example 5 of the instructions.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 63)

Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?

☐ Yes ☐ No

If **no**, proceed it Section 2. **If yes**, provide the following:

Owner of the drinking water supply: Click to enter text.

Distance and direction to the intake: Click to enter text.

Attach a USGS map that identifies the location of the intake.

Attachment: Click to enter text.

Section 2. Discharge into Tidally Affected Waters (Instructions Page 63)

Does the facility discharge into tidally affected waters?

☐ Yes ☐ No

If **no**, proceed to Section 3. **If yes**, complete the remainder of this section. If no, proceed to Section 3.

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: Click to enter text.

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

If yes, provide the distance and direction from outfall(s).

Click to enter text.

C. Sea grasses

Are there any sea grasses within the vicinity of the point of discharge?

☐ Yes ☐ No

If yes, provide the distance and direction from the outfall(s).

Click to enter text.

Section 3. Classified Segments (Instructions Page 63)

Is the discharge directly into (or within 300 feet of) a classified segment?

☐ Yes ☐ No

If yes, this Worksheet is complete.

If no, complete Sections 4 and 5 of this Worksheet.

Section 4. Description of Immediate Receiving Waters (Instructions Page 63)

Name of the immediate receiving waters: Click to enter text.

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

Average depth of the entire water body, in feet: Click to enter text.

Average depth of water body within a 500-foot radius of discharge point, in feet: Click to enter text.

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one).

☐ Intermittent - dry for at least one week during most years

☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses

☐ Perennial - normally flowing

Check the method used to characterize the area upstream (or downstream for new dischargers).

☐ USGS flow records

☐ Historical observation by adjacent landowners

☐ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point.

Click to enter text.

D. Downstream characteristics

Do the receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.)?

☐ Yes ☐ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

Provide general observations of the water body during normal dry weather conditions.

Click to enter text.

Date and time of observation: Click to enter text.

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☐ No

Section 5. General Characteristics of the Waterbody (Instructions Page 65)

A. Upstream influences

Is the immediate receiving water upstream of the discharge or proposed discharge site influenced by any of the following? Check all that apply.

☐ Oil field activities
☐ Upstream discharges
☐ Septic tanks
☐ Urban runoff
☐ Agricultural runoff
☐ Other(s), specify: Click to enter text.

B. Waterbody uses

Observed or evidences of the following uses. Check all that apply.

- ☐ Livestock watering
- ☐ Irrigation withdrawal
- ☐ Fishing
- ☐ Domestic water supply
- ☐ Park activities
- ☐ Contact recreation
- ☐ Non-contact recreation
- ☐ Navigation
- ☐ Industrial water supply
- ☐ Other(s), specify: Click to enter text.

C. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the receiving water and the surrounding area.

- ☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional
- ☐ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored
- ☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid
- ☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 65)

Date of study: Click to enter text. Time of study: Click to enter text.

Stream name: Click to enter text.

Location: Click to enter text.

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

Number of stream bends that are well defined: Click to enter text.

Number of stream bends that are moderately defined: Click to enter text.

Number of stream bends that are poorly defined: Click to enter text.

Number of riffles: Click to enter text.

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

Click to enter text.

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	**Transect location**	**Water surface width (ft)**	**Stream depths (ft)** at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
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.			

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: Click to enter text.

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): Click to enter text.

Length of stream evaluated, in feet: Click to enter text.

Number of lateral transects made: Click to enter text.

Average stream width, in feet: Click to enter text.

Average stream depth, in feet: Click to enter text.

Average stream velocity, in feet/second: Click to enter text.

Instantaneous stream flow, in cubic feet/second: Click to enter text.

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): Click to enter text.

Size of pools (large, small, moderate, none): Click to enter text.

Maximum pool depth, in feet: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

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: WQ0013986-001

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

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

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Native grasses	6.52	11,000	N

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

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
Holding Tank 1	0.0015	0.016	10'4" deep x 10'5"	Fiberglass tank

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

Attachment: Click to enter text.

Section 4. Flood and Runoff Protection (Instructions Page 67)

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

☐ Yes ☒ No

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

Click to enter text.

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

FEMA Map

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

Land application site is not affected by tailwaters.

Section 5. Annual Cropping Plan (Instructions Page 67)

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

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

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

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: USGS MAP 1 and Map 2

- 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
2701	Not used	O gpm	Open	Limit water seepage to root zone

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
2703	Not used	0 gpm	Open.	Limit water seepage to root zone
2704	Irrigation	305 gpm	Open	Limit water seepage to root zone
1603	Irrigation	260 gpm	Open.	Limit water seepage to root zone
1608	Not used	200 gpm	Open.	Limit water seepage to root zone
2403	Irrigation	500 gpm	Open	Limit water seepage to root zone

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

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 68)

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

Attachment: Pending

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

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

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

Attachment: Click to enter text.

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

A. Soil map

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

Attachment: Soil Map.pdf

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: soil sample.pdf

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

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
Pyote (PY)	0” – 34”	6.3 - 20	0.07 – 0.09	
Pyote (PY)	34” – 76”	2 – 6.3	0.09 – 0.13	

Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

☒ Yes ☐ No

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

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

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
Dec 10, 2024	7458	111		8.2	NA	6.52
Nov 5, 2024	7910	58.4		8.2	NA	6.52
Oct 8, 2024	7145	61.7		8.1	NA	6.52
Sept 10, 2024		74.8		8.1	NA	6.52
Aug 12, 2024		78.1		8.2	NA	6.52
Jul 11, 2024		41.7		8.2	NA	6.52
Jun 6, 2024		81.8		7.9	NA	6.52
May 8, 2024		82.9		7.8	NA	6.52
Apr 9, 2024		85.9		7.2	NA	6.52
Mar 18, 2024		107		8.1	NA	6.52
Feb 8, 2024		94.2		7.8	NA	6.52
Jan 9, 2024		130		8.0	NA	6.52

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

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

Click to enter text.

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

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

Section 1. Surface Disposal (Instructions Page 71)

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

A. Irrigation

Area under irrigation, in acres: Click to enter text.

Design application frequency:

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

Land grade (slope):

average percent (%): Click to enter text.

maximum percent (%): Click to enter text.

Design application rate in acre-feet/acre/year: Click to enter text.

Design total nitrogen loading rate, in lbs N/acre/year: Click to enter text.

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

Method of application: Click to enter text.

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

Attachment: Click to enter text.

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: Click to enter text.

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

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: Click to enter text.

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

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

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

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

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

Attachment: Click to enter text.

D. Overland flow

Area used for application, in acres: Click to enter text.

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

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

Slope length, in feet: Click to enter text.

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

Design application frequency:

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

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

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 72)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

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

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

Section 1. Subsurface Application (Instructions Page 73)

Identify the type of system:

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

Application area, in acres: Click to enter text.

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

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

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

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

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

Number of beds: Click to enter text.

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

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

Storage volume, in gallons: Click to enter text.

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

Soil Classification: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL (SADDS) LAND DISPOSAL OF EFFLUENT

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

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **meets** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Administrative Information (Instructions Page 74)

A. Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility:

B. Click to enter text. Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?

☐ Yes ☐ No

If **no**, provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located.

Click to enter text.

C. Owner of the subsurface area drip dispersal system: Click to enter text.

D. Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located?

☐ Yes ☐ No

If **no**, identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C.

Click to enter text.

E. Owner of the land where the subsurface area drip dispersal system is located: Click to enter text.

F. Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

☐ Yes ☐ No

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

Click to enter text.

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 74)

A. Type of system

☐ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: Click to enter text.

B. Irrigation operations

Application area, in acres: Click to enter text.

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

Average slope of the application area, percent (%): Click to enter text.

Maximum slope of the application area, percent (%): Click to enter text.

Storage volume, in gallons: Click to enter text.

Major soil series: Click to enter text.

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

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and** also using a vegetative cover of non-native grasses over seeded with cool season grasses during the winter months (October-March)?

☐ Yes ☐ No

If yes, then the facility may propose a hydraulic application rate not to exceed 0.1 gal/square foot/day.

Is the facility located **east** of the boundary shown in *30 TAC § 222.83* **or** in any part of the state when the vegetative cover is any crop other than non-native grasses?

☐ Yes ☐ No

If **yes**, the facility must use the formula in *30 TAC §222.83* to calculate the maximum hydraulic application rate.

Do you plan to submit an alternative method to calculate the hydraulic application rate for approval by the executive director?

☐ Yes ☐ No

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

Nitrogen application rate, in lbs/gal/day: Click to enter text.

D. Dosing information

Number of doses per day: Click to enter text.

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

Rest period between doses, in hours: Click to enter text.

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

Number of zones: Click to enter text.

Does the proposed subsurface drip irrigation system use tree vegetative cover as a crop?

☐ Yes ☐ No

If **yes**, provide a vegetation survey by a certified arborist. Please call the Water Quality Assessment Team at (512) 239-4671 to schedule a pre-application meeting.

Attachment: Click to enter text.

Section 3. Required Plans (Instructions Page 74)

A. Recharge feature plan

Attach a Recharge Feature Plan with all information required in *30 TAC §222.79*.

Attachment: Click to enter text.

B. Soil evaluation

Attach a Soil Evaluation with all information required in *30 TAC §222.73*.

Attachment: Click to enter text.

C. Site preparation plan

Attach a Site Preparation Plan with all information required in *30 TAC §222.75*.

Attachment: Click to enter text.

D. Soil sampling/testing

Attach soil sampling and testing that includes all information required in *30 TAC §222.157*.

Attachment: Click to enter text.

Section 4. Floodway Designation (Instructions Page 75)

A. Site location

Is the existing/proposed land application site within a designated floodway?

☐ Yes ☐ No

B. Flood map

Attach either the FEMA flood map or alternate information used to determine the floodway.

Attachment: Click to enter text.

Section 5. Surface Waters in the State (Instructions Page 75)

A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

Attachment: Click to enter text.

B. Buffer variance request

Do you plan to request a buffer variance from water wells or waters in the state?

☐ Yes ☐ No

If yes, then attach the additional information required in *30 TAC § 222.81(c).*

Attachment: Click to enter text.

Section 6. Edwards Aquifer (Instructions Page 75)

A. Is the SADDS located over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

☐ Yes ☐ No

B. Is the SADDS located over the Edwards Aquifer Transition Zone as mapped by TCEQ?

☐ Yes ☐ No

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

The following **is required** for facilities with a permitted or proposed flow of **1.0 MGD or greater**, facilities with an approved **pretreatment** program, or facilities classified as a **major** facility. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 76)

For pollutants identified in Table 4.0(1), indicate the type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: Click to enter text.

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile				50
Aldrin				0.01
Aluminum				2.5
Anthracene				10
Antimony				5
Arsenic				0.5
Barium				3
Benzene				10
Benzidine				50
Benzo(a)anthracene				5
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane				10
Bromoform				10
Cadmium				1
Carbon Tetrachloride				2
Carbaryl				5
Chlordane*				0.2
Chlorobenzene				10
Chlorodibromomethane				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform				10
Chlorpyrifos				0.05
Chromium (Total)				3
Chromium (Tri) **(*1)**				N/A
Chromium (Hex)				3
Copper				2
Chrysene				5
p-Chloro-m-Cresol				10
4,6-Dinitro-o-Cresol				50
p-Cresol				10
Cyanide **(*2)**				10
4,4'- DDD				0.1
4,4'- DDE				0.1
4,4'- DDT				0.02
2,4-D				0.7
Demeton (O and S)				0.20
Diazinon				0.5/0.1
1,2-Dibromoethane				10
m-Dichlorobenzene				10
o-Dichlorobenzene				10
p-Dichlorobenzene				10
3,3'-Dichlorobenzidine				5
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
Dichloromethane				20
1,2-Dichloropropane				10
1,3-Dichloropropene				10
Dicofol				1
Dieldrin				0.02
2,4-Dimethylphenol				10
Di-n-Butyl Phthalate				10
Diuron				0.09
Endosulfan I (alpha)				0.01

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Epichlorohydrin				---
Ethylbenzene				10
Ethylene Glycol				---
Fluoride				500
Guthion				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclohexane (alpha)				0.05
Hexachlorocyclohexane (beta)				0.05
gamma-Hexachlorocyclohexane (Lindane)				0.05
Hexachlorocyclopentadiene				10
Hexachloroethane				20
Hexachlorophene				10
4,4'-Isopropylidenediphenol				1
Lead				0.5
Malathion				0.1
Mercury				0.005
Methoxychlor				2
Methyl Ethyl Ketone				50
Methyl tert-butyl ether				---
Mirex				0.02
Nickel				2
Nitrate-Nitrogen				100
Nitrobenzene				10
N-Nitrosodiethylamine				20
N-Nitroso-di-n-Butylamine				20
Nonylphenol				333

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Parathion (ethyl)				0.1
Pentachlorobenzene				20
Pentachlorophenol				5
Phenanthrene				10
Polychlorinated Biphenyls (PCB's) **(*3)**				0.2
Pyridine				20
Selenium				5
Silver				0.5
1,2,4,5-Tetrachlorobenzene				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Thallium				0.5
Toluene				10
Toxaphene				0.3
2,4,5-TP (Silvex)				0.3
Tributyltin (see instructions for explanation)				0.01
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
2,4,5-Trichlorophenol				50
TTHM (Total Trihalomethanes)				10
Vinyl Chloride				10
Zinc				5

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable.

(*3) The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: Click to enter text.

Table 4.0(2)A – Metals, Cyanide, and Phenols

Pollutant	**AVG Effluent Conc. (µg/l)**	**MAX Effluent Conc. (µg/l)**	**Number of Samples**	**MAL (µg/l)**
Antimony				5
Arsenic				0.5
Beryllium				0.5
Cadmium				1
Chromium (Total)				3
Chromium (Hex)				3
Chromium (Tri) **(*1)**				N/A
Copper				2
Lead				0.5
Mercury				0.005
Nickel				2
Selenium				5
Silver				0.5
Thallium				0.5
Zinc				5
Cyanide **(*2)**				10
Phenols, Total				10

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein				50
Acrylonitrile				50
Benzene				10
Bromoform				10
Carbon Tetrachloride				2
Chlorobenzene				10
Chlorodibromomethane				10
Chloroethane				50
2-Chloroethylvinyl Ether				10
Chloroform				10
Dichlorobromomethane [Bromodichloromethane]				10
1,1-Dichloroethane				10
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
1,2-Dichloropropane				10
1,3-Dichloropropylene [1,3-Dichloropropene]				10
1,2-Trans-Dichloroethylene				10
Ethylbenzene				10
Methyl Bromide				50
Methyl Chloride				50
Methylene Chloride				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Toluene				10
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
Vinyl Chloride				10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol				10
2,4-Dichlorophenol				10
2,4-Dimethylphenol				10
4,6-Dinitro-o-Cresol				50
2,4-Dinitrophenol				50
2-Nitrophenol				20
4-Nitrophenol				50
P-Chloro-m-Cresol				10
Pentalchlorophenol				5
Phenol				10
2,4,6-Trichlorophenol				10

Table 4.0(2)D – Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene				10
Acenaphthylene				10
Anthracene				10
Benzidine				50
Benzo(a)Anthracene				5
Benzo(a)Pyrene				5
3,4-Benzofluoranthene				10
Benzo(ghi)Perylene				20
Benzo(k)Fluoranthene				5
Bis(2-Chloroethoxy)Methane				10
Bis(2-Chloroethyl)Ether				10
Bis(2-Chloroisopropyl)Ether				10
Bis(2-Ethylhexyl)Phthalate				10
4-Bromophenyl Phenyl Ether				10
Butyl benzyl Phthalate				10
2-Chloronaphthalene				10
4-Chlorophenyl phenyl ether				10
Chrysene				5
Dibenzo(a,h)Anthracene				5
1,2-(o)Dichlorobenzene				10
1,3-(m)Dichlorobenzene				10
1,4-(p)Dichlorobenzene				10
3,3-Dichlorobenzidine				5
Diethyl Phthalate				10
Dimethyl Phthalate				10
Di-n-Butyl Phthalate				10
2,4-Dinitrotoluene				10
2,6-Dinitrotoluene				10
Di-n-Octyl Phthalate				10
1,2-Diphenylhydrazine (as Azo-benzene)				20
Fluoranthene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene				10
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclo-pentadiene				10
Hexachloroethane				20
Indeno(1,2,3-cd)pyrene				5
Isophorone				10
Naphthalene				10
Nitrobenzene				10
N-Nitrosodimethylamine				50
N-Nitrosodi-n-Propylamine				20
N-Nitrosodiphenylamine				20
Phenanthrene				10
Pyrene				10
1,2,4-Trichlorobenzene				10

Table 4.0(2)E – Pesticides

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin				0.01
alpha-BHC (Hexachlorocyclohexane)				0.05
beta-BHC (Hexachlorocyclohexane)				0.05
gamma-BHC (Hexachlorocyclohexane)				0.05
delta-BHC (Hexachlorocyclohexane)				0.05
Chlordane				0.2
4,4-DDT				0.02
4,4-DDE				0.1
4,4,-DDD				0.1
Dieldrin				0.02
Endosulfan I (alpha)				0.01
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Endrin Aldehyde				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
PCB-1242				0.2
PCB-1254				0.2
PCB-1221				0.2
PCB-1232				0.2
PCB-1248				0.2
PCB-1260				0.2
PCB-1016				0.2
Toxaphene				0.3

* For PCBS, if all are non-detects, enter the highest non-detect preceded by a "<".

Section 3. Dioxin/Furan Compounds

A. Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.

☐ 2,4,5-trichlorophenoxy acetic acid

Common Name 2,4,5-T, CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid

Common Name Silvex or 2,4,5-TP, CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate

Common Name Erbon, CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate

Common Name Ronnel, CASRN 299-84-3

☐ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

☐ hexachlorophene

Common Name HCP, CASRN 70-30-4

For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

Click to enter text.

B. Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?

☐ Yes ☐ No

If **yes**, provide a brief description of the conditions for its presence.

Click to enter text.

C. If any of the compounds in Subsection A **or** B are present, complete Table 4.0(2)F.

For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: Click to enter text.

Table 4.0(2)F – Dioxin/Furan Compounds

Compound	Toxic Equivalency Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8 PeCDD	0.5					50
2,3,7,8 HxCDDs	0.1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05					50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8 HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003					0.5
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

The following **is required** for facilities with a current operating design flow of**1.0 MGD or greater**, with an EPA-approved **pretreatment** program (or those required to have one under 40 CFR Part 403), or are required to perform Whole Effluent Toxicity testing. See Page 86 of the instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

Indicate the number of 7-day chronic or 48-hour acute Whole Effluent Toxicity (WET) tests performed in the four and one-half years prior to submission of the application.

7-day Chronic: Click to enter text.

48-hour Acute: Click to enter text.

Section 2. Toxicity Reduction Evaluations (TREs)

Has this facility completed a TRE in the past four and a half years? Or is the facility currently performing a TRE?

☐ Yes ☐ No

If yes, describe the progress to date, if applicable, in identifying and confirming the toxicant.

Click to enter text.

Section 3. Summary of WET Tests

If the required biomonitoring test information has not been previously submitted via both the Discharge Monitoring Reports (DMRs) and the Table 1 (as found in the permit), provide a summary of the testing results for all valid and invalid tests performed over the past four and one-half years. Make additional copies of this table as needed.

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following **is required** for **all publicly owned treatment works**.

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs – non-categorical, and Other IUs.

If there are no users, enter 0 (zero).

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

B. Treatment plant interference

In the past three years, has your POTW experienced treatment plant interference (see instructions)?

☐ Yes ☒ No

If yes, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.

Click to enter text.

C. Treatment plant pass through

In the past three years, has your POTW experienced pass through (see instructions)?

☐ Yes ☒ No

If yes, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2.c. and 2.d. only, and skip Section 3.

If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 87)

A. Substantial modifications

Have there been any **substantial modifications** to the approved pretreatment program that have not been submitted to the TCEQ for approval according to *40 CFR §403.18*?

☐ Yes ☐ No

If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

B. Non-substantial modifications

Have there been any **non-substantial modifications** to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?

☐ Yes ☐ No

If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

C. Effluent parameters above the MAL

In Table 6.0(1), list all parameters measured above the MAL in the POTW's effluent monitoring during the last three years. Submit an attachment if necessary.

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?

☐ Yes ☐ No

If yes, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.

Click to enter text.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 88)

A. General information

Company Name: None

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

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

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

NA

C. Product and service information

Provide a description of the principal product(s) or services performed.

NA

D. Flow rate information

See the Instructions for definitions of "process" and "non-process wastewater."

Process Wastewater:

Discharge, in gallons/day: NA

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: NA

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the *i*nstructions?

☐ Yes ☒ No

Is the SIU or CIU subject to categorical pretreatment standards found in *40 CFR Parts 405-471*?

☐ Yes ☒ No

If subject to categorical pretreatment standards, indicate the applicable category and subcategory for each categorical process.

Category: Subcategories: Click to enter text.

Click or tap here to enter text. Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

☐ Yes ☒ No

If yes, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

Click to enter text.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ
IUC Permits Team
Radioactive Materials Division
MC-233
PO Box 13087
Austin, Texas 78711-3087
512-239-6466

For TCEQ Use Only
Reg. No._____
Date Received_____
Date Authorized_____

Section 1. General Information (Instructions Page 90)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): Click to enter text.

Program ID: Click to enter text.

Contact Name: Click to enter text.

Phone Number: Click to enter text.

2. Agent/Consultant Contact Information

Contact Name: Click to enter text.

Address: Click to enter text.

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

Phone Number: Click to enter text.

3. Owner/Operator Contact Information

☐ Owner ☐ Operator

Owner/Operator Name: Click to enter text.

Contact Name: Click to enter text.

Address: Click to enter text.

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

Phone Number: Click to enter text.

4. Facility Contact Information

Facility Name: Click to enter text.

Address: Click to enter text.

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

Location description (if no address is available): Click to enter text.

Facility Contact Person: Click to enter text.

Phone Number: Click to enter text.

5. **Latitude and Longitude, in degrees-minutes-seconds**

Latitude: Click to enter text.

Longitude: Click to enter text.

Method of determination (GPS, TOPO, etc.): Click to enter text.

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

- ☐ Vertical Injection
- ☐ Subsurface Fluid Distribution System
- ☐ Infiltration Gallery
- ☐ Temporary Injection Points
- ☐ Other, Specify: Click to enter text.

Number of Injection Wells: Click to enter text.

7. **Purpose**

Detailed Description regarding purpose of Injection System:

Click to enter text.

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: Click to enter text.

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

Phone Number: Click to enter text.

License Number: Click to enter text.

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) – Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout – Slurry Volume – Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing					
Tubing					
Screen					

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: Click to enter text.

System(s) Construction: Click to enter text.

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: Click to enter text.

2. Receiving Formation Name of Injection Zone: Click to enter text.

3. Well/Trench Total Depth: Click to enter text.

4. Surface Elevation: Click to enter text.

5. Depth to Ground Water: Click to enter text.

6. Injection Zone Depth: Click to enter text.

7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No

Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

Name: Click to enter text.

Thickness: Click to enter text.

8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer

Attach as Attachment E.

9. Horizontal and Vertical extent of contamination and injection plume

Attach as Attachment F.

10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.

Attach as Attachment G.

11. Injection Fluid Chemistry in PPM at point of injection

Attach as Attachment H.

12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: Click to enter text.

13. Maximum injection Rate/Volume/Pressure: Click to enter text.

14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.

15. Injection wells within 1/4 mile radius (attach map as Attachment J): Click to enter text.

16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): Click to enter text.

17. Sampling frequency: Click to enter text.

18. Known hazardous components in injection fluid: Click to enter text.

Section 5. Site History

1. Type of Facility: Click to enter text.
2. Contamination Dates: Click to enter text.
3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): Click to enter text.
4. Previous Remediation (attach results of any previous remediation as attachment M): Click to enter text.

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
5D02 Storm Water Drainage (IW designed for the disposal of rain water)
5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
5F01 Agricultural Drainage (IW that receive agricultural runoff)
5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
5W09 Untreated Sewage
5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
5W12 WTTP disposal
5W20 Industrial Process Waste Disposal Wells
5W31 Septic System (Well Disposal method)
5W32 Septic System Drainfield Disposal
5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
5X26 Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
5X27 Other Wells
5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site - These are currently banned)
5X29 Abandoned Drinking Water Wells (waste disposal)

WATER STORAGE CALCULATION FOR RANGE GRASS (NATIVE GRASS)

TABLE 1
WATER BALANCE
(All Units are Inches of Water per Acre of Irrigated Area)

Month -1	a Avg. Precip. -2	b Average Runoff -3	Ri Average Infiltrated Rainfall -4	c Evapotrans-piration -5	d Required Leaching -6	Total Water Needs (5)+(6) -7	Effluent Needed in Root Zone (7)-(4) -8	e Evaporation from Reservoir Surface -9	f Effluent to be Applied to Land (8)/K -10	g Consumption from Reservoir (9)+(10) -11
Jan.	0.59	0.00	0.59	3.36	0.32	3.68	3.09	0	3.63	3.63
Feb.	0.31	0.02	0.29	3.95	0.42	4.37	4.07	0	4.79	4.79
Mar.	0.31	0.02	0.29	6.18	0.67	6.85	6.56	0	7.71	7.71
April	0.75	0.02	0.73	7.64	0.79	8.43	7.70	0	9.06	9.06
May	1.44	0.26	1.18	8.82	0.87	9.69	8.51	0	10.01	10.01
June	1.26	0.18	1.08	9.19	0.92	10.11	9.03	0	10.62	10.62
July	1.64	0.36	1.28	9.27	0.91	10.18	8.90	0	10.47	10.47
Aug.	1.52	0.30	1.22	8.53	0.83	9.36	8.14	0	9.57	9.57
Sept.	1.19	0.15	1.04	7	0.68	7.68	6.64	0	7.81	7.81
Oct.	1.41	0.24	1.17	5.72	0.52	6.24	5.07	0	5.97	5.97
Nov.	0.3	0.02	0.28	4.11	0.44	4.55	4.26	0	5.01	5.01
Dec.	0.4	0.00	0.40	3.34	0.33	3.67	3.28	0	3.86	3.86
	11.12	9.3	9.56	77.11	7.68	84.79	75.23	0.00	88.51	**88.51**

a. Precipitation data was obtained from the Texas Water Development Board database (1977-2002)

b. Runoff was determined by an acceptable method found in Soil Conservation Service
Technical Note No. 210-18-TX5. CN value of 80 was used with Class "B" soils with arrid rangeland-herbaceou CN= 80 S= 2.5
Runoff curve number (CN) was found in Texas DOT Hydraulic Design Manual (2004)
Q = (I-0.2S)^2/(I+0.8S), and S=1000/CN - 10 {CN=curve number)
where Q = runoff in inches; I = avg. rainfall in inches from column a; and s = potential max. retention after runoff begins.

c. Source - Texas Board of Water Engineers, Bulletin 6019: "Consumptive Use of Water by Major Crops in Texas", Table 5. For Coastal Bermuda Grass.

d. In low rainfall areas, this is the required leaching to avoid salinity build-up in the soil where:
L = [Ce/(Cl - Ce)](E - Ri) Ri = Infiltrated Rainfall E = Evapotranspiration of Soil Solution
(if [E-Ri] is less than zero, then L = 0)
Ce = Electrical Conductivity of Effluent C1 = Maximum Allowable Conductivity (from 30 TAC 309.20, Table 3)
Ce = 0.817 mmhos/cm @ 25°C (highly salt tolerant grasses, used C1=11)
C1 = 8

e. Net evaporation from reservoir surface: Net evaporation from effluent tank is zero becuase the tank is covered.

f. K is the irrigation efficiency. K value is 0.85

g. The total of this column is the maximum allowable application rate in Acre-in./Ac./yr.

WATER STORAGE CALCULATION FOR RANGE GRASS (NATIVE GRASS)

TABLE 2
CALCULATION OF STORAGE VOLUME REQUIREMENTS
(All Units are Inches of Water per Acre of Irrigated Area)

Month -12	a Effluent Received for Application or Storage -13	b Rainfall Worst Year in Past 25 Year -14	c Runoff Worst Year in Past 25 Year -15	Infiltrated Rainfall (14)-(15) -16	Available Water (13)+(16) -17	d Net 25 Year Low Evaporation from Regur.Surf. -18	e Storage -19	f Accumulated Storage -20
Jan.	1.89	2.68	1.02	1.67	3.56	0.00	-0.475	0.00
Feb.	1.89	4.18	2.19	1.99	3.88	0.00	-0.907	0.00
Mar.	1.89	4.35	2.34	2.02	3.91	0.00	-3.796	0.00
April	1.89	4.41	2.39	2.03	3.92	0.00	-5.640	0.00
May	1.89	7.82	5.46	2.36	4.25	0.00	-6.728	0.00
June	1.89	8.27	5.88	2.39	4.28	0.00	-7.193	0.00
July	1.89	4.15	2.16	1.98	3.87	0.00	-7.752	0.00
Aug.	1.89	4.84	2.76	2.09	3.98	0.00	-6.668	0.00
Sept.	1.89	6.62	4.34	2.27	4.16	0.00	-4.467	0.00
Oct.	1.89	6.11	3.88	2.23	4.12	0.00	-2.826	0.00
Nov.	1.89	4.62	2.56	2.06	3.95	0.00	-1.039	0.00
Dec.	1.89	3.69	1.79	1.90	3.79	0.00	-0.196	0.00
	22.68	61.743566	36.76	24.98	47.66	0.00		**0.00**

Rainfall proportional percentages

1.14	11.12	0.102864
1.78	11.12	0.160141
1.86	11.12	0.166817
1.88	11.12	0.169203
3.33	11.12	0.299806
3.52	11.12	0.316962
1.77	11.12	0.158931
2.06	11.12	0.185632
2.82	11.12	0.253632
2.60	11.12	0.23409
1.97	11.12	0.176951
1.57	11.12	0.141533
26.32	11.12	2.366561

a. Effluent received for aplication or storage: Adaily average flow to the 6.52 acre irrigation field of 11,000 gallons.
The value for Column 13 is lower than the value of Column 11. The average application rate is
less than the consumption from reservoir (Column 11). Total proposed application rate is 22.68 in/ac/yr

b. Annual rainfall amount from the worst year in past 25 years of data. Total rainfall is then distributed proportional to monthly averages. Worse Rainfall: 34.5 inches in 1997. Source: Texas Water Development Board; Quad 708 (1977-2002)

c. Using rainfall figures in Column 14, calculate runoff with the same method used in Column 3.

d. Net evaporation from reservoir surface: Net evaporation from effluent tank is zero becuase the tank is covered.

e. Storage = [(13)-(18)]-[[(7)-(16)]/k}.
Irrigation efficiency(k) is 0.85

f. The maximum accumulated storage requirement is 0 in-Acre/Acre; (inches per irrigated acre)
Storage needed and available for the 6.52 acres:

Storage volume requirement 0.00 Acre-Feet 0 C. F.
Available storage 4500 Gallons 602 C. F.

Lowest annual evaporation in past 25 years

2.28	in 1987
2	
3.16	
4.56	
4.92	
4.55	
5.65	
6.19	
4.39	
4.28	
2.4	
2.04	
46.42	

WATER STORAGE CALCULATION FOR ALFALFA

TABLE 1
WATER BALANCE
(All Units are Inches of Water per Acre of Irrigated Area)

Month -1	a Avg. Precip. -2	b Average Runoff -3	Ri Average Infiltrated Rainfall -4	c Evapotrans-piration -5	d Required Leaching -6	Total Water Needs (5)+(6) -7	Effluent Needed in Root Zone (7)-(4) -8	e Evaporation from Reservoir Surface -9	f Effluent to be Applied to Land (8)/K -10	g Consumption from Reservoir (9)+(10) -11	
Jan.	0.59	0.15	0.44	2.95	0.58	3.53	3.09	0	3.64	3.64	4.26
Feb.	0.31	0.26	0.05	3.6	0.82	4.42	4.37	0	5.14	5.14	4.76
Mar.	0.31	0.26	0.05	5.6	1.28	6.88	6.83	0	8.04	8.04	6.87
April	0.75	0.11	0.64	7	1.47	8.47	7.83	0	9.21	9.21	7.7
May	1.44	0	1.44	8	1.52	9.52	8.08	0	9.50	9.50	8.4
June	1.26	0.02	1.24	8.4	1.65	10.05	8.81	0	10.37	10.37	8.36
July	1.64	0	1.64	8.4	1.56	9.96	8.32	0	9.79	9.79	8.28
Aug.	1.52	0	1.52	7.8	1.45	9.25	7.73	0	9.09	9.09	7.41
Sept.	1.19	0.03	1.16	6.4	1.21	7.61	6.45	0	7.59	7.59	6.42
Oct.	1.41	0.01	1.4	5.2	0.88	6.08	4.68	0	5.50	5.50	5.51
Nov.	0.3	0.26	0.04	3.6	0.82	4.42	4.38	0	5.16	5.16	4.53
Dec.	0.4	0.22	0.18	3	0.65	3.65	3.47	0	4.08	4.08	4.11
	11.12	9.3	9.8	69.95	13.89	83.84	74.04	0	87.11	87.11	

a. Up-to-date rainfall and evaporation data sets are available from the Texas Natural Resource Information System.
b. Runoff should be determined by an acceptable method such as the Soil Conservation Service method found in SCS SCS Technical Release No. 55. Runoff values were determined by TNRCC (Phillip Urbany).

c. Source - "Mean Crop Consumptive Use and Fee-Water Evaporation for Texas", John Borrelli, Dept. of Civil Engineering Texas Tech University, Lobbock, Texas 79409-1023, Ph. (806)742-3481.
d. In low rainfall areas, this is the required leaching to avoid salinity build-up in the soil where:

$$L = \frac{Ce\,(E-Ri)}{Cl-Ce}$$

Ri = Infiltrated Rainfall
Ce = Electrical Conductivity of Effluent C1 = Maximum Allowable Conductivity
E = Evapotranspiration of Soil Solution (Table 3)

Ce is measured to be 1.5 millimhos/cm @ 25oC and C1 is 8.0 (Alfalfa)
e. Net Average Evaporation from Reservoir Surface. Irrigation area = 9.7 acres and reservoir surface area = 0.0016 acres.

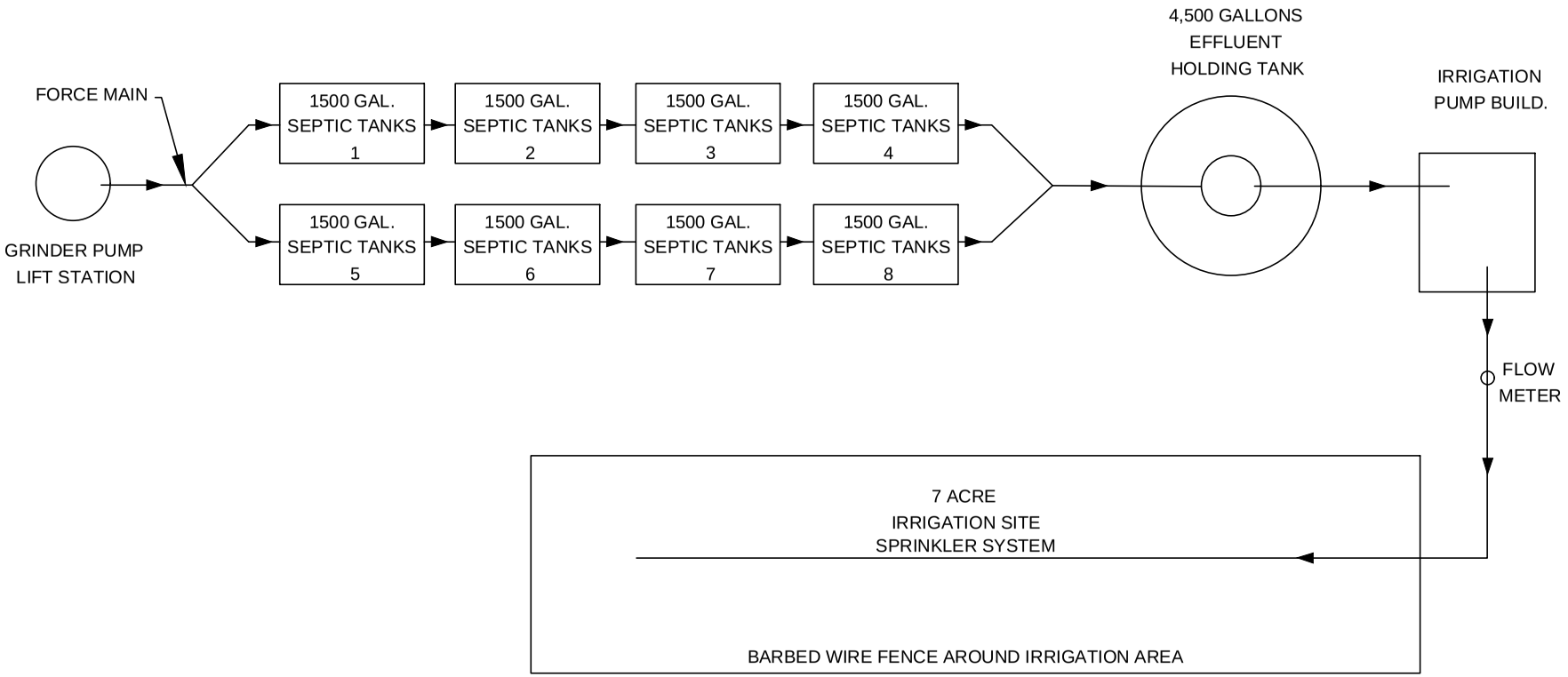
f. K is the irrigation efficiency. K value is 0.85
g. The total of this column is the maximum allowable application rate in Acre-in./Ac./yr.

WATER STORAGE CALCULATION FOR ALFALFA

TABLE 2
CALCULATION OF STORAGE VOLUME REQUIREMENTS
(All Units are Inches of Water per Acre of Irrigated Area)

Month -12	a Effluent Received for Application or Storage -13	b Rainfall Worst Year in Past 25 Year -14	c Runoff Worst Year in Past 25 Year -15	Infiltrated Rainfall (14)-(15) -16	Available Water (13)+(16) -17	d Net 25 Year Low Evaporation from Regur.Surf. -18	e Storage -19	f Accumulated Storage -20	Rainfall proportional percentages		
Jan.	2.54	1.38	0.01	1.37	3.91	0	0.00	0.00	0.59	11.12	0.053058
Feb.	2.54	0.73	0.11	0.62	3.16	0	-1.93	0.00	0.31	11.12	0.027878
Mar.	2.54	0.73	0.11	0.62	3.16	0	-4.83	0.00	0.31	11.12	0.027878
April	2.54	1.76	0	1.76	4.30	0	-5.35	0.00	0.75	11.12	0.067446
May	2.54	3.38	0.3	3.08	5.62	0	-5.03	0.00	1.44	11.12	0.129496
June	2.54	2.96	0.19	2.77	5.31	0	-6.03	0.00	1.26	11.12	0.113309
July	2.54	3.85	0.47	3.38	5.92	0	-5.21	0.00	1.64	11.12	0.147482
Aug.	2.54	3.57	0.37	3.20	5.74	0	-4.58	0.00	1.52	11.12	0.136691
Sept.	2.54	2.79	0.14	2.65	5.19	0	-3.29	0.00	1.19	11.12	0.107014
Oct.	2.54	3.31	0.29	3.02	5.56	0	-1.06	0.00	1.41	11.12	0.126799
Nov.	2.54	0.70	0.12	0.58	3.12	0	-1.98	0.00	0.3	11.12	0.026978
Dec.	2.54	0.94	0.06	0.88	3.42	0	-0.72	0.00	0.4	11.12	0.035971
	30.48	26.09	2.17	23.92	54.4	0			11.12		

a. Phase I - Disposal rate is for a 11,000 gpd facility irrigating 4.85 Acres.
Final Phase - Disposal rate is for a 22,000 gpd facility irrigating 9.7 Acres.
The value for Column 13 are lower than the value (total) of Column 11 divided by 12.
b. Annual rainfall amount from the worst year in past 25 years of data. Total rainfall is then distributed proportional to monthly averages.
c. Using rainfall figures in Column 14, calculate runoff with the same method used in Column 3.
d. Lowest annual evaporation in past 25 years from reservoir surface. Distribute annual value proportionally to monthly average evaporation expressed in inches per irrigated acre. For purpose of this calculation, irrigation area = 9.7 acres and reservoir surface area = .0016 acres.
e. Storage = [(13)-(18)]-{[(7)-(16)]/k}. If the term {[(7)-(16)]/k} is negative, then the value for storage = [(13)-(18)]. Irrigation efficiency is 0.85 (Note that there is no storage required)
f. There is no storage required



NOT TO SCALE

KLEINMAN CONSULTANTS, PLLC
ENGINEERS | PLANNERS
1207 NW 16th Street, Andrews, Texas 79714
Ph: (432) 664-9057 Fax: (432) 614-6712
Texas Registered Engineering Firm No. F-13458

CITY OF PYOTE, TEXAS

WASTEWATER TREATMENT PLANT
TCEQ PERMIT NO. 13986-001

EXISTING FLOW DIAGRAM

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
RVC	ASC	5/12/15	1051	AS NOTED	1 of 1

Texas Commission on Environmental Quality

Protecting Texas by Reducing and Preventing Pollution

September 12, 2024

CITY OF PYOTE
PO BOX 137
PYOTE, TX 79777 - 0137

Re: Renewal Reminder Notice for Permit No. WQ0013986001
Facility: RN102187192, CITY OF PYOTE WWTP
Issued to: OWNER, CN600650915, CITY OF PYOTE

Dear Permittee:

Permit No. WQ0013986001 will expire at midnight, 09/01/2025. You are required to file an application for renewal of the existing permit **180 days prior to the date of expiration.** This will be the only notice you will receive for the referenced permit.

Notice of permit expiration is sent as a courtesy to the permittee. It is the responsibility of the permittee to renew the permit within the required timeframe. **Failure to submit an application on time may result in enforcement actions or expiration of the permit.** Failure to submit a complete application may cause the application to be returned.

If the permit is allowed to expire, continuation of any disposal activities beyond the date of expiration is a voilation of the Texas Administrative Code and will be subject to administrative penalties.

If you wish to cancel the permit, please submit Request to Cancel Form No. 20029 to the Application Review and Processing Team of the Water Quality Division Support Section (MC-148) as soon as possible. To avoid assessment of the required water quality annual fee, you must submit the Cancellation Form prior to September 1. Please keep in mind that the Request to Cancel must be approved, along with any other documents, plans or reports required by the TCEQ.

For your convenience, electronic applications for new, renewal and amended individual domestic or industrial permits can be submitted online using the State of Texas Environmental Electronic Reporting System (STEERS) at https://www3.tceq.texas.gov/steers/ . If you should have any questions or comments, please call the Applications Review and Processing Team at (512) 239-4671. If you have any technical questions, please call the Wastewater Permitting Section at (512) 239-4671.

Sincerely,

Erwin Madrid, Team Leader
Applications Review and Processing Team (MC 148)
Water Quality Division

Texas Commission on Environmental Quality

Protecting Texas by Reducing and Preventing Pollution

September 12, 2024

bcc: TCEQ REGION 07 - MIDLAND, Water Program Manager

Single Period/Prepaid

Revised 05/2016

THE UNIVERSITY OF TEXAS SYSTEM

COMMERCIAL LEASE NO. 9418

This COMMERCIAL LEASE NO. **9418** (this "Lease") is made and entered into effective as of **05/01/2018** (the "Effective Date") by and between **THE UNIVERSITY OF TEXAS SYSTEM BOARD OF REGENTS** ("Owner") and **CITY OF PYOTE** ("Lessee").

1. **Basic Lease Information**

Premises: **10.00** acres of land, more or less, lying in the **NE/4** of Section **34**, Block **16**, University Lands, **Ward** County, Texas, as more fully described on **Exhibit "A"** attached to the Lease and incorporated therein for location.

Lease Term: The period commencing on the Effective Date and continuing for ten (10) years through **04/30/2028**. The term "Lease Term," as used herein, shall include all renewals or extensions hereof unless the context clearly indicates to the contrary. The term "lease year" as used herein shall mean and refer to each successive 12-month period during the Lease Term beginning on **May 1st** of each year and ending the following **April 30th**.

Rental (prepaid): **$1,000.00** per year. Annual rental is due on or before **May 1st** of each year during the Lease Term.

Permitted Use: Lessee shall continuously use and occupy the Premises for the purpose of a(n) **Sanitary Sewer Plant** and for purposes incidental thereto, and for no other purpose. Lessee shall be entitled to, ingress and egress and to use any improvements, if any, now located on the Premises solely for the purposes herein intended. **If regulated fluids are present, including but not limited to hydrocarbons and produced water, they shall be stored or contained above-grade, not in below-grade sumps or tanks.**

Owner's Address: ***For Correspondence and Notices:***

University Lands
P.O. Box 553
Midland, Texas 79702
Attention: James R. Buice
Telephone: (432) 684-4404
Fax: (432) 682-7456

For the payment of Rental and other sums due to Owner:

The University of Texas System
P.O. Box 553
Midland, Texas 79702
Attention: Associate Director Accounting

Owner's Contact Person: Mr. James R. Buice
Telephone: (432) 684-4404
Fax: (432) 682-7456

or such other person as Owner may designate in writing.

Lessee's Address: City of Pyote
P. O. Box 137
Pyote, TX 79777
Telephone: (432) 389-5845

Lessee's Contact Person: Yolanda Graves
Telephone: (432) 389-5845
Cell: 432-208-5682

or such other person as Lessee may designate in writing.

2. **Granting Clause**. Owner, for and in consideration of the rent and other charges to be paid hereunder and the other covenants and agreements to be performed by Lessee, hereby demises and leases the Premises to Lessee, and Lessee hereby leases the Premises from Owner on the terms and conditions set forth herein, commencing on the Effective Date and ending on the last day of the Lease Term unless sooner terminated as herein provided.

3. **Rental**. Lessee shall pay to Owner in advance, at Owner's Address or at such other address as Owner may designate by notice in writing to Lessee, Rental in the amount specified in the Basic Lease Information, without deduction or setoff, for the Lease Term. The Rental for the Lease Term is due and payable by Lessee to Owner on or before the Effective Date. Lessee shall have no rights under this Lease until payment of Rental is made in full to Owner.

4. **Late Payments**. If Lessee should fail to pay Owner any sum to be paid by Lessee to Owner hereunder within five (5) days after such payment is due, interest on the unpaid amount shall accrue at a rate of fifteen percent (15%) per annum or the maximum rate allowed by law, whichever is lesser, from the date payment was due until the date payment is made. Owner may also impose a late charge of Twenty-Five Dollars ($25.00) or five percent (5%) of the unpaid amount, whichever is greater, to defray Owner's administrative costs incurred as a result of Lessee's failure to timely make such payment, the amount of such costs not being readily ascertainable. Any such late charge shall be in addition to all other rights and remedies available to Owner hereunder or at law or in equity and shall not be construed as liquidated damages or limiting Owner's remedies in any manner. Failure to pay such interest or late charge within ten (10) days after demand shall be an event of default hereunder. Following the dishonor of any check presented for payment, Owner shall have the right, at Owner's option, to require all further payments to be made by certified check or money order.

5. **Renewal and Extension**. Should Lessee wish to renew this Lease or enter into a lease agreement with regard to the Premises following the expiration of the Lease Term, Lessee should advise Owner in writing of Lessee's desire not later than one hundred eighty (180) days prior to the expiration of this Lease. Owner and Lessee may then enter into negotiations with regard to the terms and conditions on which Lessee may lease the Premises for an additional term; provided, however, that Owner shall not be obligated to renew or extend the term of this Lease on any terms and conditions.

6. **Use of the Premises**.

a. Permitted Use Only. Lessee may use the Premises only for the Permitted Use specified in the Basic Lease Information (the "Project"), and for no other purpose or purposes without the prior written consent of Owner. Lessee shall operate its business in a reputable manner.

b. No Unlawful or Disreputable Use. Lessee shall observe, perform, and comply with all laws, statutes, ordinances, rules, and regulations promulgated by any governmental agency and applicable to Lessee's use of the Premises. Owner shall not occupy or use the Premises or permit any portion of the Premises to be occupied or used for any use or purpose which is unlawful, in part or in whole, or deemed by Owner to be disreputable in any manner or extra hazardous on account of fire.

7. **Repair, Maintenance, and Improvements**.

a. **DISCLAIMER OF WARRANTIES**. Lessee is fully familiar with the Premises, its condition, state of repair and everything connected therewith from Lessee's own investigation of same. Lessee acknowledges that OWNER HAS MADE NO EXPRESS WARRANTIES WITH REGARD TO THE PREMISES and TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, OWNER HEREBY DISCLAIMS, AND LESSEE WAIVES THE BENEFIT OF, ANY AND ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF HABITABILITY, OR FITNESS OR SUITABILITY FOR LESSEE'S PURPOSE.

b. Maintenance of the Premises. Owner shall not be required to make any repairs to or improvements on the Premises during the Lease Term. Lessee shall, at Lessee's sole cost and expense, make all repairs and replacements necessary to keep and maintain the Premises, including improvements thereon, if any, in good condition. If any repairs required to be made by Lessee hereunder are not made within thirty (30) days after written notice delivered to Lessee by Owner, Owner may, at its option, make such repairs without liability to Lessee for any loss or damage which may result by reason of such repairs, and Lessee shall pay to Owner within seven (7) days after demand as additional rent hereunder the cost of such repairs plus ten percent (10%) of the amount thereof. At the expiration or other termination of this Lease, Lessee shall surrender the Premises in a condition at least as good as its condition and state of repair as of the Lessee's first possession of the premises, normal wear and tear and natural deterioration excepted. Lessee shall fill all excavations, level and restore the terrain to as nearly its original condition on the Effective Date of this Lease as is reasonably possible, and remove all debris, equipment, and personal property.

c. Installation of Improvements. Lessee shall not cause any improvements to be installed on the Premises, except for the installation of unattached, movable trade fixtures, without the prior written consent of Owner, which consent shall not be unreasonably withheld. At Owner's request, Lessee shall provide drawings and other information reasonably requested by Owner regarding any proposed improvements. All construction work done by Lessee on the Premises shall be performed in a good and workmanlike manner, and in compliance with all governmental requirements. Lessee agrees to indemnify Owner and hold Owner harmless against any loss, liability or damage resulting from any such construction work. All improvements installed by Lessee shall be and remain the property of Lessee until the termination or expiration of this Lease, as extended, renewed, or replaced, so long as Lessee remains in possession as a lessee of the Premises. At the end of the Lease, Lessee shall remove improvements, whether installed by Lessee or existing on the Premises at the inception of this Lease, if so directed by Owner. If Owner does not direct Lessee to remove installed improvements, such improvements shall

become the property of Owner and such improvements shall remain on the Premises and shall be surrendered as part thereof upon the expiration or termination of this Lease without credit or compensation to Lessee.

d. Personal Property. Following termination of this Lease, Owner shall have the right to (i) remove from the Premises (without the necessity of obtaining a distress warrant, writ of sequestration or other legal process) all or any portion of Lessee's furniture, fixtures, equipment, and other personal property left on the Premises and place same in storage at any premises within the county in which the Premises is located; (ii) after sixty (60) days' notice to Lessee, sell in any manner deemed reasonable by Owner all or any portion of Lessee's furniture, fixtures, equipment, and other personal property left on the Premises and apply the proceeds first to amounts due and owing to Owner under this Lease and returning the remainder, if any, to Lessee; or (iii) after ten (10) days' notice to Lessee, dispose of all or any portion of Lessee's furniture, fixtures, equipment, and other personal property left on the Premises. In any such event Lessee shall be liable to Owner for costs incurred by Owner in connection with such action and shall indemnify and hold Owner harmless from all loss, damage, cost, expense and liability in connection with such action. Owner shall also have the right to relinquish possession of all or any portion of such furniture, fixtures, equipment, and other property to any person ("Claimant") claiming to be entitled to possession thereof who presents to Owner a copy of any instrument represented to Owner by Claimant to have been executed by Lessee (or any predecessor of Lessee) granting Claimant the right under various circumstances to take possession of such furniture, fixtures, equipment, or other property, without the necessity on the part of Owner to inquire into the authenticity of said instrument's copy of Lessee's or Lessee's predecessor's signature thereon and without the necessity of Owner making any nature of investigation or inquiry as to the validity of the factual or legal basis upon which Claimant purports to act; and Lessee agrees to indemnify and hold Owner harmless from all cost, expense, loss, damage and liability incidental to Owner's relinquishment of possession of all or any portion of such furniture, fixtures, equipment, or other property to Claimant. The rights of Owner herein stated shall be in addition to any and all other rights which Owner has or may hereafter have at law or in equity. Lessee stipulates and agrees that the rights herein granted Owner are commercially reasonable.

e. Fences. At the request of Owner, Lessee shall fence the Premises with a fence constructed in accordance with specifications to be determined by Owner. Such fence shall be completed within thirty (30) days after Owner's request and Lessee shall maintain the fence in good condition throughout the Lease Term.

f. Keeping the Premises Clean. Lessee shall take good care of the Premises and keep the same free from debris and waste at all times. Lessee shall keep the Premises neat and clean at all times, and shall remove all refuse, litter and debris from the Premises. Lessee shall not remove or damage any existing improvements on the Premises without the consent of Owner; commit or permit any waste; or allow any nuisance to exist on the Premises.

g. Locks. Lessee may, at Lessee's expense, replace any lock on any gate or building, if any, on the Premises; provided, however, that in such event Lessee shall immediately provide to Owner's Contact Person, a key to any lock installed by Lessee on or about the Premises.

h. Utilities. Lessee shall pay promptly before same is due, all electrical and other utility charges, if any, relating to the Premises, and any improvements thereon. Lessee shall cause all accounts for utilities, if any, to be placed in Lessee's name. Owner makes no representation with regard to utility services available to the Premises and shall not be liable for any interruption or failure in utility services arising from any cause whatsoever.

i. Vegetation. Lessee shall not remove or destroy any vegetation on the Premises, including trees of any variety, without the written consent of Owner or Owner's Contact Person, except as otherwise expressly permitted herein. Lessee shall comply with all ordinances of applicable governmental entities in connection with the removal of all such vegetation.

j. Fires. Lessee shall restrict any fires built on the Premises to areas that will not pose fire hazards and to take every reasonable precaution to ensure that Lessee will not cause grass fires or other mishaps.

k. Water Wells. Lessee shall not remove any casing or otherwise interfere with any water well or wells that may exist on the Premises without the prior written consent of Owner and any regulatory agency with jurisdiction. The water from any well or wells located on the Premises may only be used on the Premises and may not be used in any manner or for any purpose off the Premises without the prior written consent of the Owner.

8. Compliance with Environmental Laws. By its exercise of its rights hereunder, Lessee will not (i) cause or permit the Premises, any other property of Owner, or Owner to be in violation of Applicable Environmental Laws (as hereinafter defined); or (ii) do anything or permit anything to be done by Lessee, its contractors, subcontractors, agents or employees that will result in any contamination of soils, ground water, surface water, or natural resources on or adjacent to the Premises resulting from any cause, including but not limited to spills or leaks or oil, gasoline, hazardous materials, hazardous wastes, or other chemical compounds, or will subject the Premises, any other property of Owner, or Owner to any remedial obligations under applicable laws pertaining to health or the environment (such laws as they now exist or are hereafter enacted and/or amended are hereinafter sometimes collectively called "Applicable Environmental Laws"), including, without limitation, the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986 (as amended, hereinafter called "CERCLA"), the Resource Conservation and Recovery Act of 1976, as amended by the Used Oil Recycling Act of 1980, the Solid Waste Disposal Act Amendments of 1980, and the Hazardous and Solid Waste Amendments of 1984 (as amended, hereinafter called "RCRA"), the Texas Water Code and the Texas Solid Waste Disposal Act, as each of said laws may be amended from time to time, assuming disclosure to the applicable governmental authorities of all relevant facts, conditions and circumstances, if any, pertaining to Lessee's exercise of its rights hereunder. Lessee agrees to obtain any permits, licenses or similar authorizations for the Project by reason of any Applicable Environmental Laws that concern or result from the use of the Premises. Lessee will promptly notify Owner in writing of any existing, pending or, to the best knowledge of Lessee, threatened, investigation or inquiry by any governmental authority in connection with any Applicable Environmental Laws concerning the Project and/or Lessee's use of the Premises. In connection with the Project, Lessee will not cause or permit the disposal or other release of any hazardous substance or solid waste on or to the Premises or any other property of Owner. In connection with the Project, Lessee covenants and agrees to keep or cause the Premises and any other property of Owner to be kept free of such hazardous substance or solid waste and to remove the same (or if removal is prohibited by law, to take whatever action is required by law) promptly upon discovery, at Lessee's sole cost and expense. If Lessee fails to comply with or perform any of the foregoing covenants and obligations, Owner may (without any obligation, express or implied) remove any hazardous substance or solid waste from the Premises or any other property of Owner (or if removal is prohibited by law, take whatever action is required by law) and the cost of the removal or such other action shall be reimbursed by Lessee to Owner. Lessee grants to Owner and its agents, employees, contractors and consultants access to the Premises and the license (which is coupled with an interest and irrevocable) to remove such hazardous substance or solid waste (or if removal is prohibited by law, to take whatever action is required by law) and agrees to reimburse Owner for and to hold Owner harmless from all costs and expenses involved therewith. The terms "hazardous substance" and "release" as used in this Leased have the meanings

specified in CERCLA, and the terms "solid waste" and "disposal" (or "disposed") shall have the meanings specified in RCRA; provided, that if either CERCLA or RCRA is amended so as to broaden the meaning of any term defined thereby, such broader meaning shall apply hereunder subsequent to the effective date of such amendment and provided further, to the extent that any other federal or state law establishes a meaning for "hazardous substance," "release," "solid waste," or "disposal" that is broader than that specified in either CERCLA or RCRA, such broader meaning shall apply.

9. **Environmental Indemnity. Lessee agrees to release Owner from, and to reimburse Owner with respect to, any and all claims, demands, losses, damages (including consequential damages claimed by a person or entity other than Owner), liabilities, causes of action, judgment, penalties, costs and expenses (including attorneys' fees and court costs) of any and every kind or character, known or unknown, fixed or contingent, imposed on, asserted against or incurred by Owner at any time and from time to time by reason of, in connection with or arising out of (a) the failure of Lessee to perform any obligation herein required to be performed by Lessee regarding Applicable Environmental Laws, (b) any violation of Applicable Environmental Laws by Lessee, its contractors, subcontractors, agents or employees occurring after Lessee's acquisition of the Lease, (c) the removal of hazardous substances or solid wastes that result from the use by Lessee, its contractors, subcontractors, agents or employees, from the Premises or any other property of Owner (or if removal is prohibited by law, the taking of whatever action is required by law), and (d) any act, omission or event occurring after Lessee's original occupancy/acquisition of this Lease (including, without limitation, the presence on the Premises or release from the Premises of hazardous substances or solid wastes disposed of or otherwise released after Lessee's original occupancy/acquisition of the Premises, resulting from or in connection with the Project), or otherwise, regardless of whether the act, omission, event or circumstance constituted a violation of any Applicable Environmental Law at the time of its existence or occurrence.** Any amount to be paid under this paragraph by Lessee to Owner shall be paid within thirty (30) days of Lessee's receipt of demand therefor from Owner. Nothing in this paragraph or elsewhere in this Lease shall limit or impair any rights or remedies of Owner against Lessee or any third party under Applicable Environmental Laws, including without limitation, any rights of contribution available thereunder.

10. **Access**. Owner and authorized representatives of Owner shall have the right to enter upon the Premises at any reasonable time to inspect same or make repairs or improvements as Owner may deem necessary, but without any obligation to do so. Owner shall have the right to enter upon the Premises at any time in the case of emergency or in the event immediate action should be taken to avert an emergency or damage to the Premises.

11. **Assignment and Subletting**. Lessee shall not sublet the Premises or any part thereof, or assign this Lease or any interest therein without the prior written consent of Owner and the payment of the required fee. Any such sublease or assignment attempted without Owner's written consent shall be void and of no force and effect, at the option of Owner.

12. **Holding Over**. In the event Lessee occupies the Premises or any part thereof after the expiration or earlier termination of this Lease, unless otherwise agreed in writing by Owner, Lessee shall hold the Premises as a tenant-at-will only at a daily rental equal to two (2) multiplied by the Rental calculated on a per diem basis. In no event shall such holding over constitute or be construed as a renewal or extension of this Lease and, upon the expiration of the Lease Term or the earlier termination of this Lease, Lessee shall immediately surrender the Premises to Owner on demand by Owner.

13. **Indemnity and Insurance**.

a. Tenant's Insurance. Lessee, at its sole expense, shall maintain in effect at all times insurance coverages with limits not less than those set forth below with financially responsible insurers licensed to do business in the State of Texas and acceptable to Owner and under forms of policies satisfactory to Owner. The requirements contained herein as to types, limits or Owner's approval of insurance coverage to be maintained by Lessee are not intended to and shall not in any manner limit, qualify or quantify the liabilities and obligations assumed by Lessee under this Lease or otherwise provided by law. The amounts of insurance required to be maintained by Lessee may be reasonably increased from time to time by Owner at its sole discretion:

Commercial General Liability

Coverage	Minimum Amounts and Limits
Bodily Injury/ Property Damage (Occurrence Basis)	$1,000,000.00 each occurrence, or equivalent, subject to a $1,000,000.00 aggregate

This policy shall be on a form acceptable to Owner, endorsed to include the Owner as additional insureds, not modify the separation of insured language in the policy, contain waiver of subrogation language in favor of the Owner, delete the exclusions for liability assumed under the Lease, and contain no modification that would make Lessee's policy excess over or contributory with Owner's liability insurance, and include the following coverages:

(1) Premises/Operations;
(2) Independent Contractors;
(3) Broad Form Contractual Liability specifically in support of, but not limited to, Lessee's indemnity obligations under this Lease;
(4) Broad Form Property Damage; and
(5) Personal Injury Liability with employee and contractual exclusions removed.

All of Lessee's insurance policies shall be endorsed to be primary, with the policies of all of the Owner being excess, secondary and noncontributing. Lessee shall deliver proof of the insurance coverage required to be maintained by Lessee under this Paragraph 13, represented by evidence of insurance issued by the insurance carrier(s), to Owner prior to Lessee taking possession of the Premises. The evidence of insurance shall specify the additional insured status mentioned above as well as the waiver of subrogation. Such evidence of insurance shall state that Owner will be notified in writing thirty (30) days prior to cancellation, material change, or non-renewal of insurance. Lessee shall provide to Owner a certified copy of any and all applicable insurance policies upon request of Owner. In addition, Lessee shall deliver evidence of insurance to Owner as the coverage renews and not less than ten (10) days before the expiration date of any policies.

b. Waiver of Subrogation. To the extent authorized by the laws and Constitution of the State of Texas, each of Owner and Lessee waives any and every claim in its favor against the other during the Lease Term for any and all loss of, or damage to, any of its property located within or on, or constituting a part of, the Premises, which loss or damage is covered by valid and collectible fire and extended coverage insurance policies. These mutual waivers are in addition to, and not in limitation or derogation of, any other waiver or release contained in this Lease with respect to any loss of, or damage to, property of Lessee. Each party shall immediately give to each insurance company that has

issued to it policies of fire and extended coverage insurance, written notice of the terms of the waiver, and shall cause those insurance policies to be properly endorsed, if necessary, to prevent the invalidation of insurance coverages by reason of the waiver.

c. Lessee's Failure to Maintain Insurance. If Lessee fails to comply with the foregoing insurance requirements, then Owner may (in addition to having available to it all other remedies provided herein on the occurrence of a default) obtain such insurance, and Lessee shall pay to Owner on demand, as additional rent hereunder, the premium cost thereof plus interest at the lesser of eighteen percent (18%) per annum or the highest lawful rate, from the date of payment by Owner until payment by Lessee.

d. INDEMNITY. LESSEE ACCEPTS THE PREMISES IN THEIR "AS IS" CONDITION ON THE DATE THE LEASE TERM BEGINS. OWNER SHALL NOT BE LIABLE TO LESSEE, OR TO LESSEE'S AGENTS, SERVANTS, EMPLOYEES, CUSTOMERS, CONTRACTORS, VISITORS, LICENSEES, SUBLESSEES, OR INVITEES, AND LESSEE SHALL INDEMNIFY, DEFEND, AND HOLD HARMLESS FROM AND AGAINST ANY AND ALL FINES, SUITS, CLAIMS, DEMANDS, LOSSES, LIABILITIES, ACTIONS, AND COSTS (INCLUDING COURT COSTS AND ATTORNEYS'FEES) ARISING FROM:

(i) ANY INJURY TO PERSON OR DAMAGE TO PROPERTY CAUSED BY ANY ACT, OMISSION, OR NEGLECT OF LESSEE, LESSEE'S AGENTS, SERVANTS, EMPLOYEES, CUSTOMERS, CONTRACTORS, VISITORS, LICENSEES, SUBLESSEES OR INVITEES,

(ii) LESSEE'S USE OF THE PREMISES OR THE CONDUCT OF LESSEE'S BUSINESS,

(iii) ANY ACTIVITY, WORK, OR THING DONE, PERMITTED, OR SUFFERED BY LESSEE IN OR ABOUT THE PROJECT, OR

(iv) ANY BREACH OR DEFAULT IN THE PERFORMANCE OF ANY OBLIGATION ON LESSEE'S PART TO BE PERFORMED UNDER THE TERMS OF THIS LEASE.

e. NON-LIABILITY FOR CERTAIN DAMAGES. OWNER AND OWNER'S AGENTS, CONTRACTORS AND EMPLOYEES SHALL NOT BE LIABLE TO LESSEE OR ANY OTHER PERSON OR ENTITY WHOMSOEVER FOR ANY INJURY TO PERSONS OR DAMAGE TO PROPERTY CAUSED BY THE PROJECT OR ANY PORTION THEREOF MALFUNCTIONING OR BEING OUT OF REPAIR, OR BY DEFECT IN OR FAILURE OF EQUIPMENT, PIPES, OR WIRING, OR BY BROKEN GLASS, OR BY THE BACKING UP OF DRAINS, OR BY GAS, WATER, STEAM, ELECTRICITY OR OIL LEAKING, ESCAPING, OR FLOWING INTO THE PROJECT OR ANY PORTION THEREOF, OR BY THEFT, ACT OF GOD, PUBLIC ENEMY, INJUNCTION, RIOT, STRIKE, INSURRECTION, WAR, COURT ORDER, REQUISITION OR ORDER OF A GOVERNMENTAL BODY OR AUTHORITY OR ANY SIMILAR MATTER.

f. CRIMINAL ACTIVITY. OWNER HAS NO OBLIGATION TO PROVIDE SECURITY GUARDS OR SECURITY SYSTEMS FOR THE PREMISES LESSEE, TO THE FULL EXTENT ALLOWED BY LAW, HEREBY WAIVES ANY DUTY OF OWNER TO PROTECT LESSEE FROM THE CRIMINAL ACTS OF THIRD PARTIES.

g. Reconstruction in the Event of Casualty. In the event of damage to or destruction of improvements on the Premises caused by fire or other casualty, Lessee shall restore the improvements promptly. All insurance proceeds relating to such damage or destruction shall be used to restore the Premises to its condition prior to the casualty or, if for any reason the Premises will not be so restored, then such insurance proceeds will be the property of Owner.

h. Self Insurance. Lessee may satisfy its obligation to maintain general liability insurance under this paragraph 13 by means of self-insurance, provided that Lessee submits annually to Owner its published annual report and such report reflects that Lessee has a net worth of no less than FIFTY MILLION DOLLARS ($50,000,000).

14. **Condemnation.** In the event the Premises or any part thereof is taken for any public or quasi-public use under any law or by right of eminent domain, or by private purchase in lieu thereof, this Lease shall terminate, the rent shall abate during the unexpired portion of this Lease commencing on the date physical possession is taken by the condemning authority, and the entirety of the compensation award or payment in lieu thereof shall be the property of Owner.

15. **Taxes and Assessments**. Lessee shall pay all taxes, assessments and charges, general and specific, that may be levied or assessed by reason of Lessee's use of the Premises and improvements and equipment situated thereon, including, without limitation, any and all taxes, assessments, and charges of any nature levied or assessed against Lessee's leasehold interest hereunder or any improvements on the Premises constructed by or belonging to Lessee. Lessee shall provide Owner with evidence from the assessing authority of such payments within thirty (30) days after Lessee makes any such payment.

16. **Default and Remedies**.

a. Events of Default. The following events shall be deemed to be events of default by Lessee under this Lease:

i. Lessee shall fail to pay when due any rent or any other sum payable by Lessee under this Lease;

ii. Lessee shall fail to comply with any other term, provision or covenant of this Lease within thirty (30) days after notice from Owner to Lessee specifying wherein Lessee has failed to comply; provided, however, that if the nature of Lessee's obligation is of such a nature that it cannot reasonably be cured within such 30-day period, Lessee shall not be deemed to be in default so long as Lessee commences curing such failure within such 30-day period and diligently prosecutes same to completion;

iii. Lessee shall do or permit to be done anything that creates a lien upon the Premises and such lien is not removed or bonded around within thirty (30) days after written notice thereof from Owner to Lessee.

b. Remedies. Upon occurrence of any event of default by Lessee, Owner may enforce the provisions of this Lease in any manner provided by law or in equity, including, without limitation, any one or more of the following, in each case, without further notice or demand whatsoever:

i. Termination of the Lease. At Owner's option, Owner may terminate this Lease and re-enter upon the Premises and, in such event, Lessee shall immediately surrender the Premises to Owner. If Lessee fails to immediately surrender the Premises, Owner may enter upon and take possession of the Premises by any lawful means, and lock out, expel, or remove Lessee without

being guilty of any manner of trespass, without liability for any damage or loss occasioned thereby, and without prejudice to any remedies available to Owner for possession of the Premises, collection of amounts due, breach of contract, or otherwise. Lessee agrees to pay to Owner on demand the amount of all loss and damage which Owner may suffer by reason of such termination, whether through inability to relet the Premises on satisfactory terms or otherwise, including the following: any unpaid Rental and other sums payable under this Lease that accrued prior to the termination of the Lease; plus the worth at the time of the award (calculated based on the rate of interest set out in Paragraph 4) of the amount by which the unpaid Rental which would have been earned after termination exceeds the amount of such rental loss Lessee proves could have been avoided; plus all other damages suffered by Owner, including without limitation court costs, reasonable attorneys' fees and other costs incurred in connection with the termination of this Lease, expenses of repossession, and expenses of restoring the Premises to a good condition of repair, and interest on all such amounts at the rate set out in Paragraph 4. In no event shall Owner be obligated to reimburse Lessee for any prepaid Rental.

ii. Re-entry and Reletting. At Owner's option, Owner may, without terminating this Lease, enter upon and take possession of the Premises by any lawful means, and lock out, expel, or remove Lessee without being guilty of any manner of trespass, without liability for any damage or loss occasioned thereby, and without prejudice to any remedies available to Owner for possession of the Premises, collection of amounts due, breach of contract, or otherwise. If Owner so elects, Owner may relet all or any part of the Premises on such terms as Owner shall deem advisable and receive the rent therefor, and Lessee agrees to pay to Owner on demand any deficiency that may arise by reason of such reletting for the remainder of the Lease Term or extension thereof (if the event of default occurs during such extension term). Lessee shall be liable to Owner for all costs Owner incurs in repossessing and reletting the Premises. In no event shall Lessee be entitled to receive a refund of any prepaid Rental or any excess in the rents received by Owner following a reletting over the amounts owed by Lessee to Owner hereunder.

iii. Entry to Carry out Lessee's Obligations. At Owner's option, Owner may carry out Lessee's obligations under this Lease, including without limitation Lessee's obligations under Paragraph 7, and, if necessary, without terminating this Lease, enter upon the Premises by any lawful means, including by picking or changing locks if necessary, without being guilty of any manner of trespass and without liability for any damage or loss occasioned thereby, and without prejudice to any of Owner's remedies, to carry out such obligations. Lessee agrees to reimburse to Owner on demand amounts expended by Owner, including reasonable attorneys' fees, in effecting compliance with Lessee's obligations under this Lease.

With respect to any amounts due to Owner hereunder and collected by an attorney after default or through judicial, bankruptcy, or probate proceedings, Lessee shall pay all costs of collection, including reasonable attorneys' fees and all court costs.

No re-entry or taking possession of the Premises by Owner shall be construed as an election on Owner's part to terminate this Lease unless a written notice of such intention is given to Lessee. Pursuit of any of the foregoing remedies shall not preclude pursuit of any of the other remedies herein provided or any other remedy provided by law, nor shall pursuit of any remedy herein provided constitute a forfeiture or waiver of any Rental or other sums due to Owner hereunder or of any damages accruing to Owner by reason of the violation of any of the terms, provision, and covenants herein contained. Owner's acceptance of Rental following an event of default hereunder shall not be construed as Owner's waiver of such event of default. No waiver by Owner of any violation or breach of any of the terms, provisions, and covenants herein contained shall be deemed or construed to constitute a waiver of any other violation or default. No payment by Lessee or receipt by Owner of any amount less than the amounts due by Lessee hereunder shall be deemed to be other than on account of the amounts due by lessee, nor shall any

endorsement or statement on any check or document accompanying any payment be deemed an accord and satisfaction.

17. **Landlord's Lien**. In consideration of the mutual benefits arising under this Lease, Lessee hereby grants to Owner a lien and security interest in all property of Lessee (including, but not limited, to all fixtures, machinery, equipment, furnishings, and other articles of personal property now or hereafter placed in or on the Premises by Lessee, together with the proceeds from the disposition of those items) (the "Collateral"), now or hereafter placed in or upon the Premises, as security for payment of all Rental and other sums agreed to be paid by Lessee herein. The provisions of this Paragraph constitute a security agreement under the Texas Uniform Commercial Code, and Owner has and may enforce a security interest in the Collateral. The Collateral shall not be removed without the consent of Owner until all arrearages in rent and other sums of money then due to Owner hereunder have been paid and discharged. On the request of Owner, Lessee shall execute, as debtor, any and all financing statements deemed necessary by Owner, to perfect this security interest pursuant to the Texas Uniform Commercial Code. Owner may at its election at any time file a copy of this Lease as financing statement. Owner, as secured party, has all of the rights and remedies afforded a secured party under the Texas Uniform Commercial Code in addition to and cumulative of the Owner's liens and rights provided by law or by the other terms and provisions of this Lease.

18. **Surface Lease Only**. This Lease covers only the surface of the Premises and does not include any part of the mineral estate. This Lease is subject to any and all existing or future pipeline, road or utility easements and oil, gas or mineral leases covering the Premises or any part thereof, and the rights of the parties thereunder. Lessee shall not be entitled to any monies from operations on the Premises related to the mineral estate.

19. **Mechanic's Liens**. Lessee shall not permit any mechanic's or materialman's lien or liens to be placed upon the Premises, or any portion thereof, caused by or resulting from any work performed, materials furnished or obligation incurred by or at the request of Lessee, and in the case of the filing of any such lien, Lessee will promptly pay, bond off or obtain the release of same to the satisfaction of Owner. If Lessee's failure to comply with the provisions of this subparagraph shall continue for thirty (30) days, Owner may, but shall not be obligated to, pay the same or any portion thereof without inquiry as to the validity thereof, and Lessee shall repay any amounts so paid, plus expenses to Owner immediately on demand.

20. **Notices**.

a. Payments. All Rental and other payments required to be made by Lessee to Owner hereunder shall be payable to Owner at the address set forth in the Basic Lease Information or at such other address as Owner may designate in writing.

b. Notices. All notices required by this Lease shall be delivered by hand or sent by United States mail, postage prepaid, certified or registered mail, addressed as set forth in the Basic Lease Information, or at such other address as any of said parties have theretofore specified by written notice delivered in accordance herewith. Any notice or document (excluding Rental and other payments) required to be delivered hereunder shall be deemed to be delivered upon receipt if personally delivered, and whether or not received, when deposited in the United States mail, postage prepaid, certified or registered mail (with or without return receipt requested), addressed as indicated above.

21. **Miscellaneous**.

a. Right to Mortgage Interest. Notwithstanding anything herein to the contrary, Lessee may mortgage, pledge or otherwise encumber Lessee's leasehold interest in the Premises and any improvements constructed on the Premises by Lessee; provided, however, that any such mortgage, pledge, or encumbrance shall in no event be construed to attach to or encumber in any manner Owner's interest in the Premises under this Lease or Owner's fee interest in the Premises.

b. Net Lease. Owner shall not be required to make any expenditure, incur any obligation, or incur any liability of any kind whatsoever in connection with this Lease or the financing, ownership, construction, reconstruction, maintenance, operation, or repair of the Premises or the improvements thereon.

c. Board Approval. This Lease is subject to the approval of the Board of Regents of The University of Texas System.

d. Compliance with Laws. Lessee shall, at Lessee's cost and expense, obtain any necessary licenses, permits or other necessary authorizations, and shall comply with all governmental laws, ordinances and regulations applicable to the Premises and Lessee's use thereof, including without limitation the following:

i. the Antiquities Code of Texas (Texas Natural Resources Code, Chapter 191) and applicable rules promulgated thereunder by the Antiquities Committee, or its successor. Lessee shall undertake its activities on the Premises in a manner consistent with public policy relating to the location and preservation of archeological sites and other cultural resources in, on, or under public lands, including University Lands. Lessee shall use the highest degree of care and all reasonable safeguards to prevent the taking, alteration, damage, destruction, salvage, or excavation of cultural resources and/or landmarks on University Lands. Upon discovery of an archeological site, Lessee shall immediately give written notice of such discovery to Owner and to the Texas Antiquities Committee, as set out in the Committee's rules. Lessee, its contractors and employees, shall have no right, title, or interest in or to any archaeological articles, objects, or artifacts, or other cultural resources located or discovered on University Lands.

ii. all federal, state, and local laws, regulations, and ordinances relating to Hazardous Materials and all other applicable environmental laws, regulations, and ordinances.

e. Applicable Law. This Lease shall be construed and interpreted in accordance with the laws of the State of Texas.

f. Severability. In case any one or more of the provisions contained in this Lease shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision hereof, and this Lease shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

g. Entire Agreement. This Lease constitutes the sole and entire agreement between the parties and cannot be amended except by written instrument signed by both parties.

h. Binding Nature. This Lease shall be binding upon and shall inure to the benefit of Owner and Lessee, and their respective heirs, successors, assigns, and legal representatives. This provision does not constitute consent by Owner to any assignment or subletting by Lessee.

i. No Merger. If this Lease is a replacement or renewal between the parties, it is the intent of the parties that no merger take place, and that all obligations of the parties with respect to the previous lease will continue and not be affected by the execution of this Lease.

j. Relationship of the Parties. The relationship created hereby shall be the relationship of landlord and tenant and shall not be construed in any manner to constitute a partnership, joint venture, or principal-agent relationship between the parties hereto, and neither party shall have authority to bind the other, except as expressly provided herein.

k. Captions. The captions used herein are for convenience only and do not limit or amplify the provisions hereof.

l. Gender. Words of any gender used in this Lease shall be held and construed to include any other gender and words in the singular number shall be held to include the plural, unless the context otherwise requires.

22. **Exhibits**. All exhibits referred to in this Lease or in the Basic Lease Information are listed below and attached hereto and incorporated herein. If there are conflicts between any Exhibit and the body of this document, the document will control.

Exhibit A - Legal Description

IN WITNESS WHEREOF, the parties have executed this Lease to be effective as of the Effective Date shown in the Basic Lease Information.

OWNER:

THE UNIVERSITY OF TEXAS SYSTEM
BOARD OF REGENTS

Date: 4/26/18

By: _____
Richard Brantley
Executive Director of University Lands

Approved as to Content:

_____
James R. Buice
University Lands

LESSEE:

CITY OF PYOTE

Date: 4-18-2018

By: _____

Name: Abigail Pritchard

Title: Mayor Pro Tem

ACKNOWLEDGEMENTS

STATE OF TEXAS §
§
COUNTY OF MIDLAND §

This instrument was acknowledged before me on the 26th day of April, 2018,

by Richard Brantley, Executive Director of University Lands, University Lands, The University of Texas System, on behalf of The University of Texas System Board of Regents.

KATHY J. WOODS
Notary ID # 129227834
My Commission Expires
December 5, 2020
Notary Without Bond

Kathy J. Woods
Notary Public, State of Texas

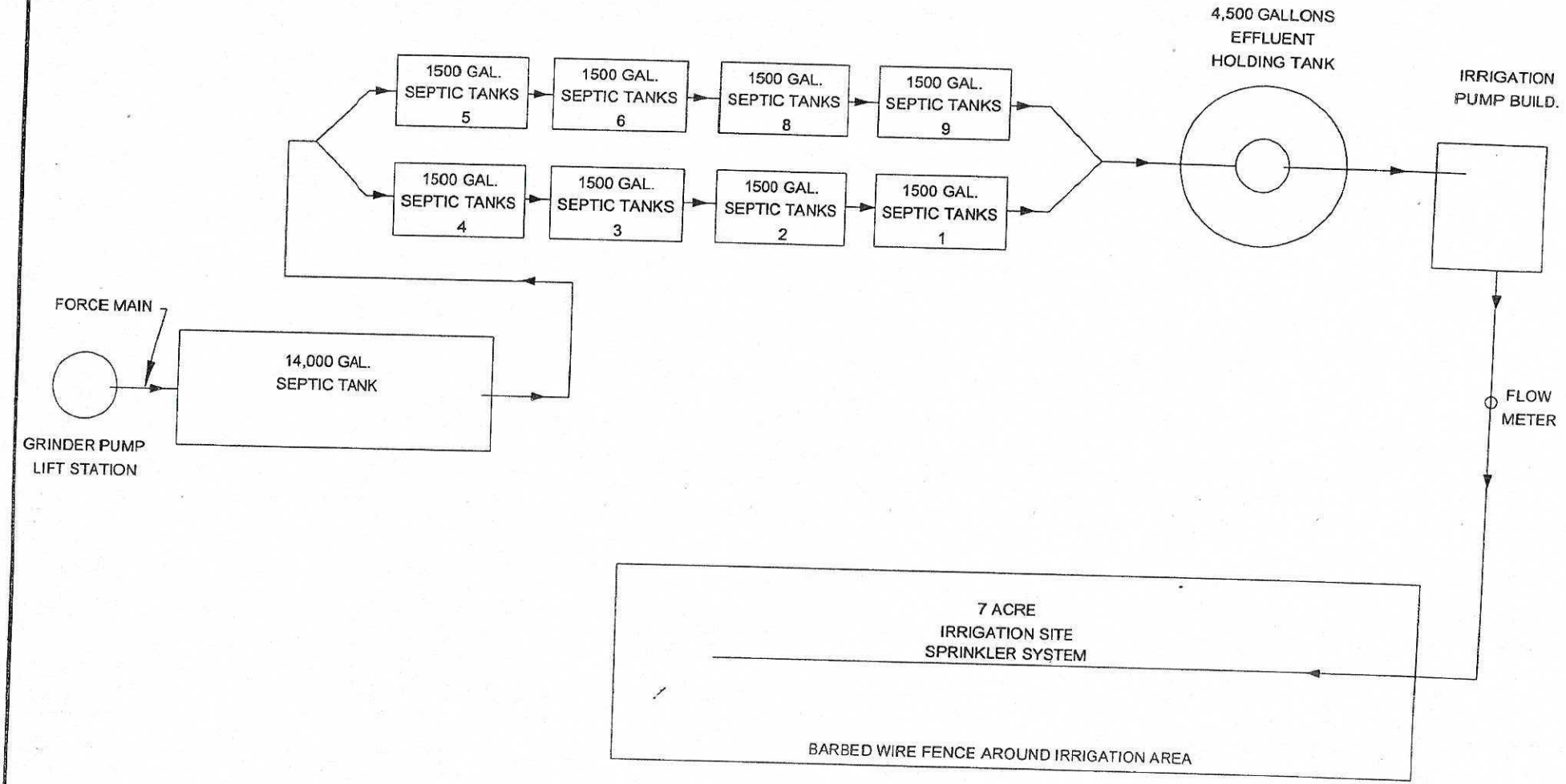
STATE OF TEXAS §
§
COUNTY OF Ward §

This instrument was acknowledged before me on the 18 day of April, 2018,

by Abigail Pritchard, City of Pyote on behalf of said company.

Yolanda Graves
Notary Public, State of Texas

Yolanda Graves
My Commission Expires
09/25/2021
ID No. 131291671



NOT TO SCALE

CITY OF PYOTE, TEXAS

TCEQ PERMIT NO. 13986-001

WASTEWATER TREATMENT PLANT

FLOW DIAGRAM

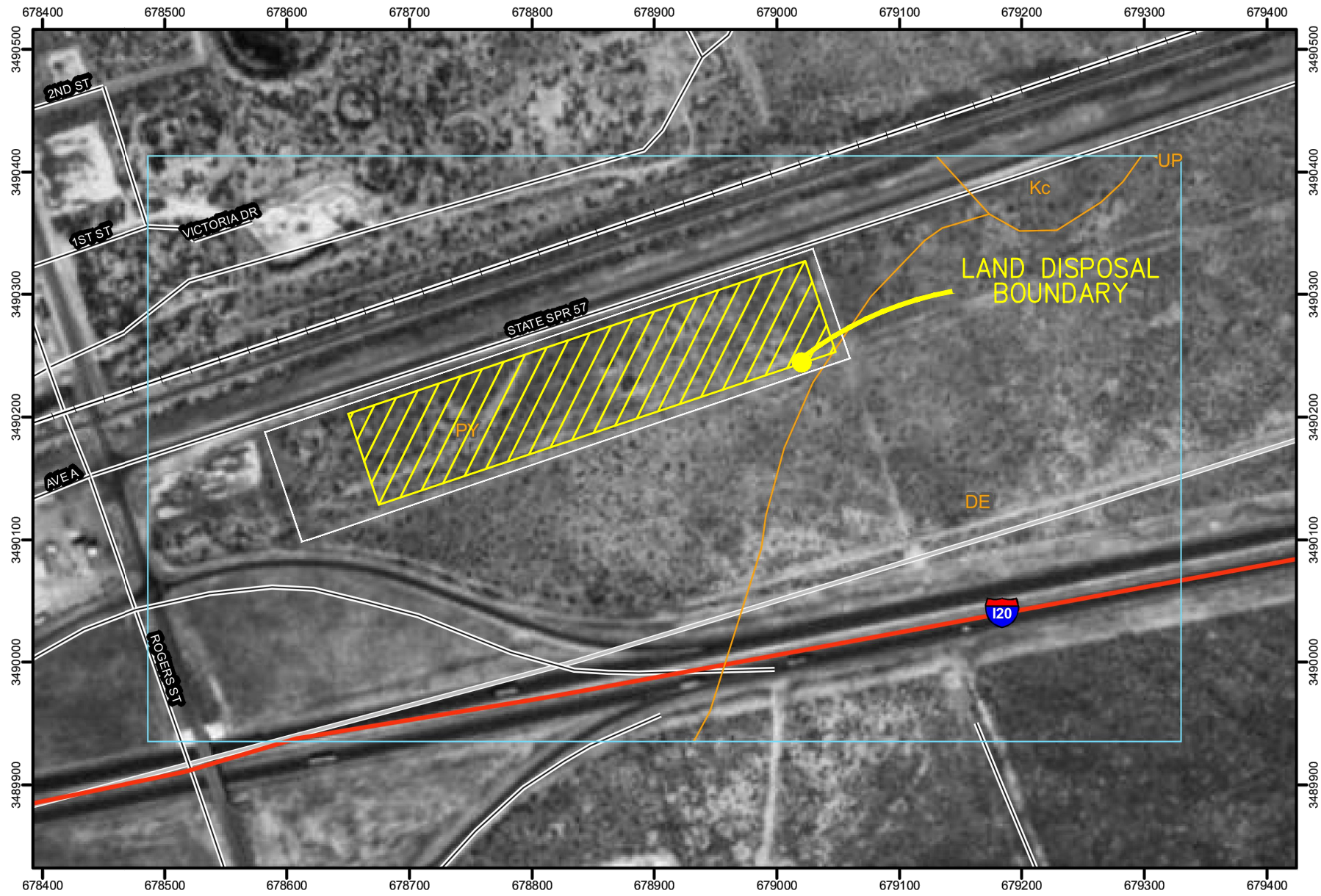
FEBRUARY 2008

GSWW, Inc.
MIDLAND - DALLAS AUSTIN FORT WORTH
CIVIL / ENVIRONMENTAL ENGINEERS

Justification for not removing existing vegetation to be irrigated.

The purpose of living existing vegetation is to ensure the survival of desirable vegetation for water consumption and erosion control. Mature vegetation has extensive root systems that help to hold soil in place, thus reducing erosion. In addition, the vegetation uses more water and will require no maintenance. Attached is a picture of the irrigation are showing the existing vegetation.

Soil Map–Ward County, Texas
(PYOTE WWTP IRRIGATION SITE)



N

Meters
0 50 100 200 300

Feet
0 350 700 1,400 2,100

USDA Natural Resources

Web Soil Survey 2.0

KLEINMAN CONSULTANTS, PLLC
ENGINEERS | PLANNERS
1207 NW 16th Street, Andrews, Texas 79714
Ph: (432) 664-9057 Fax: (432) 614-6712
Texas Registered Engineering Firm No. F-13458

Rangeland Productivity and Plant Composition

In areas that have similar climate and topography, differences in the kind and amount of rangeland or forest understory vegetation are closely related to the kind of soil. Effective management is based on the relationship between the soils and vegetation and water.

This table shows, for each soil that supports vegetation suitable for grazing, the ecological site; the total annual production of vegetation in favorable, normal, and unfavorable years; the characteristic vegetation; and the average percentage of each species. An explanation of the column headings in the table follows.

An *ecological site* is the product of all the environmental factors responsible for its development. It has characteristic soils that have developed over time throughout the soil development process; a characteristic hydrology, particularly infiltration and runoff that has developed over time; and a characteristic plant community (kind and amount of vegetation). The hydrology of the site is influenced by development of the soil and plant community. The vegetation, soils, and hydrology are all interrelated. Each is influenced by the others and influences the development of the others. The plant community on an ecological site is typified by an association of species that differs from that of other ecological sites in the kind and/or proportion of species or in total production. Descriptions of ecological sites are provided in the Field Office Technical Guide, which is available in local offices of the Natural Resources Conservation Service (NRCS).

Total dry-weight production is the amount of vegetation that can be expected to grow annually in a well managed area that is supporting the potential natural plant community. It includes all vegetation, whether or not it is palatable to grazing animals. It includes the current year's growth of leaves, twigs, and fruits of woody plants. It does not include the increase in stem diameter of trees and shrubs. It is expressed in pounds per acre of air-dry vegetation for favorable, normal, and unfavorable years. In a favorable year, the amount and distribution of precipitation and the temperatures make growing conditions substantially better than average. In a normal year, growing conditions are about average. In an unfavorable year, growing conditions are well below average, generally because of low available soil moisture. Yields are adjusted to a common percent of air-dry moisture content.

Characteristic vegetation (the grasses, forbs, and shrubs that make up most of the potential natural plant community on each soil) is listed by common name. Under *rangeland composition*, the expected percentage of the total annual production is given for each species making up the characteristic vegetation. The amount that can be used as forage depends on the kinds of grazing animals and on the grazing season.

Range management requires knowledge of the kinds of soil and of the potential natural plant community. It also requires an evaluation of the present range similarity index and rangeland trend. Range similarity index is determined by comparing the present plant community with the potential natural plant community on a particular rangeland ecological site. The more closely the existing community resembles the potential community, the higher the range similarity index. Rangeland trend is defined as the direction of change in an existing plant community relative to the potential natural plant community. Further information about the range similarity index and rangeland trend is available in the "National Range and Pasture Handbook," which is available in local offices of NRCS or on the Internet.

The objective in range management is to control grazing so that the plants growing on a site are about the same in kind and amount as the potential natural plant community for that site. Such management generally results in the optimum production of vegetation, control of undesirable brush species, conservation of water, and control of erosion. Sometimes, however, an area with a range similarity index somewhat below the potential meets grazing needs, provides wildlife habitat, and protects soil and water resources.

Reference:
United States Department of Agriculture, Natural Resources Conservation Service, National range and pasture handbook.

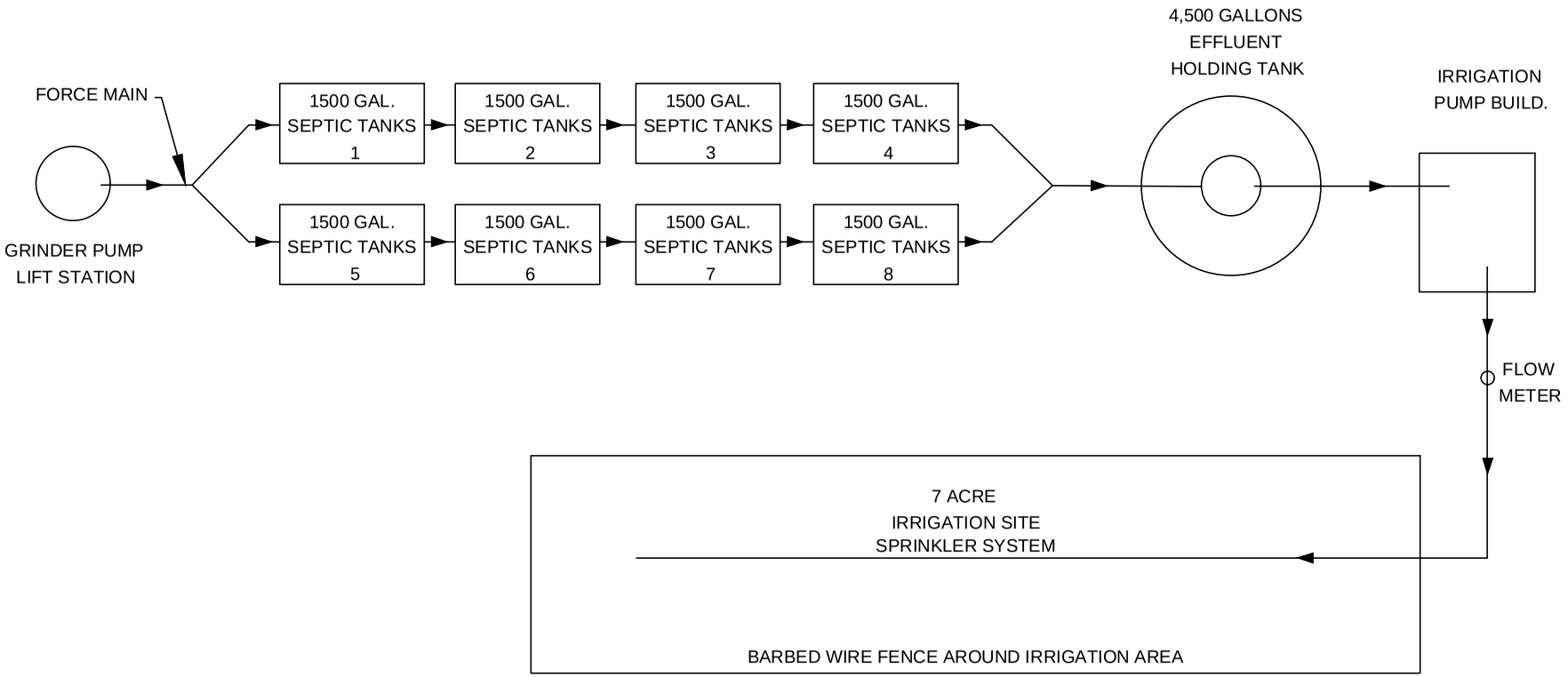
Report—Rangeland Productivity and Plant Composition

Rangeland Productivity and Plant Composition– Ward County, Texas						
Map unit symbol and soil name	**Ecological site**	**Total dry-weight production**			**Characteristic vegetation**	**Rangeland composition**
		Favorable year	**Normal year**	**Unfavorable year**		
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct*
DE—Delnorte gravelly soils, undulating						
Delnorte	Gravelly (desert Grassland)	800	600	300	Black grama	15
					Perennial grasses	15
					Bush muhly	10
					Miscellaneous shrubs	10
					Slim tridens	5
					Perennial forbs	5
					Miscellaneous annual forbs	5
					Threeawn	5
					Blue grama	5
					Littleleaf ratany	5
					Creosotebush	5
					Burrograss	5
					Sand dropseed	5
					Mesa dropseed	5
PY—Pyote soils, undulating						
Pyote	Loamy Sand (desert Grassland)	2,000	1,500	1,000	Perennial forbs	10
					Little bluestem	10
					Spike dropseed	10
					Miscellaneous shrubs	10
					Sand bluestem	10

Rangeland Productivity and Plant Composition– Ward County, Texas						
Map unit symbol and soil name	**Ecological site**	**Total dry-weight production**			**Characteristic vegetation**	**Rangeland composition**
		Favorable year	**Normal year**	**Unfavorable year**		
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct*
					Cane bluestem	5
					Black grama	5
					Hooded windmill grass	5
					Arizona cottontop	5
					Bush muhly	5
					Sand dropseed	5
					Mesa dropseed	5
					Giant dropseed	5
					Plains bristlegrass	5
					Perennial grasses	5

Data Source Information

Soil Survey Area: Ward County, Texas
Survey Area Data: Version 8, Jan 3, 2007



NOT TO SCALE

KLEINMAN CONSULTANTS, PLLC
ENGINEERS | PLANNERS
1207 NW 16th Street, Andrews, Texas 79714
Ph: (432) 664-9057 Fax: (432) 614-6712
Texas Registered Engineering Firm No. F-13458

CITY OF PYOTE, TEXAS

WASTEWATER TREATMENT PLANT
TCEQ PERMIT NO. 13986-001

EXISTING FLOW DIAGRAM

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
RVC	ASC	5/12/15	1051	AS NOTED	1 of 1

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Wednesday, March 5, 2025 3:52 PM
To: City <city@cityofpyote.org>
Subject: TCEQ ePay Receipt for 582EA000658014

This is an automated message from the TCEQ ePay system. Please do not reply.
Trace Number: 582EA000658014
Date: 03/05/2025 03:52 PM
Payment Method: CC - Authorization 0000986860
TCEQ Amount: $315.00
Texas.gov Price: $322.34*

* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Actor: YOLANDA GRAVES
Email: city@cityofpyote.org

Payment Contact: YOLANDA GRAVES
Phone: 432-389-5845
Company: CITY OF PYOTE
Address: 314 11TH STREET, PYOTE TX, TX 79777

Fees Paid:
Fee Description AR Number Amount
WW PERMIT - FACILITY WITH FLOW < .05 MGD - RENEWAL $300.00
30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE $15.00

TCEQ Amount: $315.00

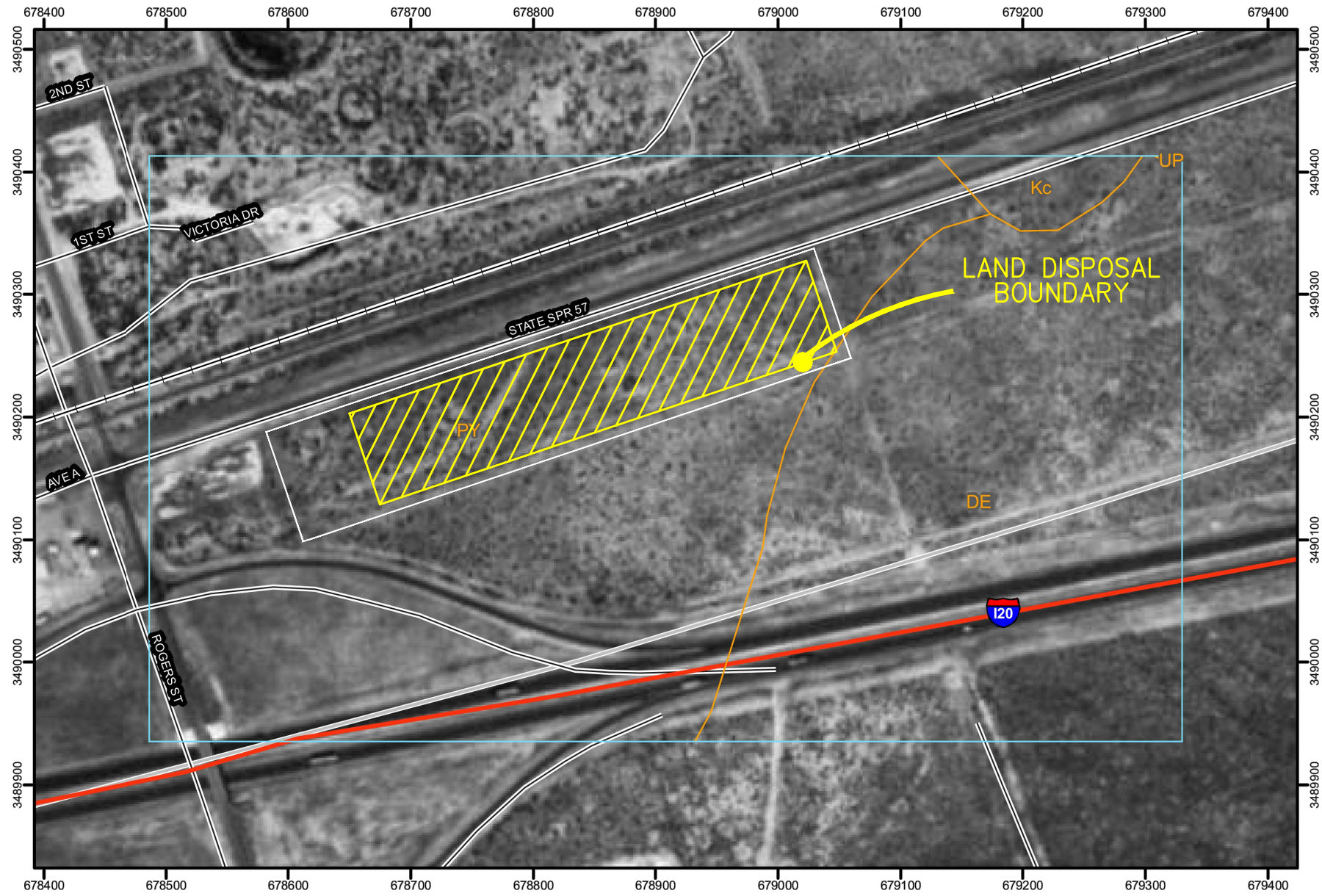
==========
==========
Voucher: 756113
Trace Number: 582EA000658014
Date: 03/05/2025 03:52 PM
Payment Method: CC - Authorization 0000986860
Voucher Amount: $300.00
Fee Paid: WW PERMIT - FACILITY WITH FLOW < .05 MGD - RENEWAL
RN Number: RN102187192
Site Name: CITY OF PYOTE
Site Address: 314 11TH STREET, PYOTE, TX 79777
Site Location: PYOTE

CN Number: CN600650915
Customer Name: CITY OF PYOTE
State Franchise Tax ID: 30006103755
Customer Address: P O BOX 137, CITY OF PYOTE, TX 79777
Program Area ID: WQ0013986001

Voucher: 756114
Trace Number: 582EA000658014
Date: 03/05/2025 03:52 PM
Payment Method: CC - Authorization 0000986860
Voucher Amount: $15.00
Fee Paid: 30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE

==========
To print out a copy of the receipt and vouchers for this transaction
either click on or copy and paste the following url into your browser:
https://www3.tceq.texas.gov/epay/index.cfm?fuseaction=cor.search&trace_num_txt=582EA000658014.

Soil Map–Ward County, Texas
(PYOTE WWTP IRRIGATION SITE)



USDA Natural Resources

Web Soil Survey 2.0

KLEINMAN CONSULTANTS, PLLC
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1207 NW 16th Street, Andrews, Texas 79714
Ph: (432) 664-9057 Fax: (432) 614-6712
Texas Registered Engineering Firm No. F-13458

SOIL ANALYSIS REPORT

CLIENT: 41493	PKCC PAUL REYNOLDS PO BOX 778 CLARENDON, TX 79226

servi tech
www.servitech.com

1816 E. Wyatt Earp
PO Box 1397
Dodge City, KS 67801
800.557.7509
620.227.7123
Fax 620.227.2047

LAB NO:	87482 - 87484
INVOICE NO:	898662
DATE RECEIVED:	03/23/2023
DATE REPORTED:	04/14/2023

SOIL ANALYSIS RESULTS FOR: CITY OF PYOTE **FIELD IDENTIFICATION:** IRRIGATION

METHOD USED:			1:2 Soil-Water		1:2 Soil-Water	XSL(i)	LOI(r)	Cd Reduction		Mehlich 3 ICP										
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Nitrate-Nitrogen lb. N/A	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	Sulfur lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B
87482		0 - 6	8.3		0.19	Hi	0.5	11.6	21	62	259	32	58	5280	274	71					
87483		6 - 18	8.6		0.17	Hi	0.2	4.9	18	17	267	25	90	6890	248	88					
87484		18 - 30	8.6		0.19	Hi	0.3	4.8	17	14	222	47	169	16900	311	118					

METHOD USED:			TKN	Sat. Paste				
Lab Number	Sample ID	Sample Depth	TKN ppm	Saturation % Sat	Electrical Conductivity mmho/cm	Calcium mg/L Ca	Magnesium mg/L Mg	Sodium mg/L Na	Sodium Adsorption Ratio
87482		0 - 6	399	33	0.93	71	18.8	70	1.9
87483		6 - 18	148	27	0.84	55	13.8	95	3.0
87484		18 - 30	170	32	0.76	44	10.9	94	3.3

FERTILIZER RECOMMENDATIONS: POUNDS ACTUAL NUTRIENT PER ACRE

Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to: 6.0	6.5	7.0	N	P_2O_5	K_2O	Zn	S	Mn	Cu	MgO	B	Ca	Cl
87482																	
87483																	
87484																	

Cation Exchange Capacity

CEC	%H	%K	%Ca	%Mg	%Na
28	0	2	88	8	1
28	0	2	89	7	1
29	0	2	87	9	2

SPECIAL COMMENTS AND SUGGESTIONS:

Lab Number(s): 87482
Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 87482, 87483, 87484
The CEC value calculated by cation summation has been adjusted to compensate for the presence of excess lime (reactive carbonates).

Analyses are representative of the samples submitted | Samples are retained 30 days after report of analysis | Explanations of soil analysis terms are available upon request

Reviewed and Approved By: Michele Lawson, Data Review Coordinator

Michele Lawson

04/14/2023 2:48 pm

Lab SampleRange: 87368-87697

Soil: Nitrate-Nitrogen (FIA)

Dodge City: Soil Data Quality Control Report

Mar 23 2023 1:48PM 770831 Batch: B Instrument: FIA Nitrate 2

FIA

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	0.1	0.1											379	0.2		1.2				-0.5 -	0.5			
CCV	4.0	4.0	4.1	4.0	4.0								1,124	4.0		0.2		5.4		3.8 -	4.2			
CCV						4.0	4.0						1,124	4.0		0.2		5.4		3.8 -	4.2			
LP2	7.2	7.4	7.1	6.9	7.3	7.0	7.2	7.0					1,337	7.0	7.0	0.5	0.4	6.8	5.0	6.3 -	7.7	19	3	1
B	11.3	11.3	11.5	11.4	11.4	11.6	11.4	11.4					302	11.1	11.1	0.4	0.4	3.8	3.3	10.4 -	11.9	26	4	1
*B	10.5												140	11.9	12.0	1.3	0.8	11.3	6.6	10.4 -	13.6	14	2	2

LAB #	87437	87519	87623	87674
ORIGINAL	8.7	2.5	23.7	28.7
DUPLICATE	8.7	2.5	26.7	28.4
% RD	0.3	0.9	11.8	1.2

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD	0/1 0.0%	15/17 88.2%	(>=33.3%)	
2 SD	1/0 100.0%	17/17 100.0%	(>=66.7%)	(<25%)
3 SD	1/0 100.0%	17/17 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 29/30 96.7%

Agronomic Relevance 1

Order of Analysis: B-1, LP2-1, B-2, CCV-1, MB-1, 87368-87380, 87382, 87381, 87383-87395, LP2-2, 87396-87427, B-3, CCV-2, 87428-87458, LP2-3, 87459-87490, B-4, CCV-3, 87491-87521, LP2-4, 87522-87553, B-5, CCV-4, 87554-87559, *87560, 87561-87584, LP2-5, 87585-87616, B-6, CCV-5, 87617-87647, LP2-6, 87648-87679, B-7, CCV-6, 87680-87697, >87437, >87519, >87623, >87674, LP2-7, B-8, LP2-8, CCV-7, MB-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	03/27/2023 2:46 pm	MicheleL	Signer	
Y	03/27/2023 2:06 pm	JeanG	Analyst	

[ ] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[X] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:51 pm

Lab SampleRange: 87368-87789 | Dodge City: Soil Data Quality Control Report | ICP

Soil: Mehlich 3 Extractable Phosphorus (ICP) | Mar 24 2023 11:05AM 770983 Batch: A Instrument: ICP South Perkin-Elmer 8300

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
MB	1.3	0.2											5,316	0.6		0.9				0.0 - 1.0			
CCV	2.8	2.9	3.0	3.0	3.0	3.0	2.9						14,408	3.0		0.3		11.1		2.7 - 3.3			
FRB	0.2	0.2											0							-			
LP2	10.7	13.0	11.9	11.3	14.9	12.6	13.5	11.9					6,350	12.0	11.9	2.4	1.4	20.4	11.6	9.2 - 14.7	10	1	0
B	11.4	10.4	11.3	11.7	12.8	12.0	11.7	11.6					263	12.1	12.0	1.1	0.8	8.9	6.9	10.3 - 13.6	23	4	2
*B	11.6												556	18.9	18.6	3.6	1.5	19.1	8.3	15.6 - 21.7	4	1	1

LAB #	87437	87519	87642	87754
ORIGINAL	14.4	5.3	30.8	60.8
DUPLICATE	15.8	5.5	28.3	61.6
% RD	9.2	3.0	8.4	1.2

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD	0/1 0.0%	14/17 82.4%	(>=33.3%)	
2 SD	0/1 0.0%	16/17 94.1%	(>=66.7%)	(<25%)
3 SD	1/0 100.0%	17/17 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 30/32 93.8%

Agronomic Relevance 2

Order of Analysis: FRB-1, FRB-2, B-1, LP2-1, B-2, CCV-1, MB-1, 87368-87380, 87382, 87381, 87383-87393, LP2-2, 87394-87425, B-3, CCV-2, 87426-87456, LP2-3, 87457-87488, B-4, CCV-3, 87489-87519, LP2-4, 87520-87551, B-5, CCV-4, 87552-87559, *87560, 87561-87582, LP2-5, 87583-87586, 87588-87589, 87591-87592, 87594-87595, 87597-87598, 87600-87601, 87603-87604, 87606-87607, 87609-87610, 87612-87613, 87615, 87617, 87619-87620, 87622, 87624, 87626-87629, B-6, CCV-5, 87630-87633, 87635, 87637-87638, 87640, 87642, 87644, 87646, 87648, 87650, 87652, 87654, 87656, 87658, 87660, 87662, 87664, 87666, 87668, 87670, 87672, 87674, 87676, 87678, 87680, 87682, 87684, 87686, LP2-6, 87688, 87690, 87692, 87694, 87696, 87698, 87700, 87702-87704, 87722-87724, 87726, 87728, 87730, 87732, 87734, 87736, 87738, 87740, 87742, 87744, 87746, 87748, 87750, 87752, 87754, 87756-87759, B-7, CCV-6, 87760-87763, 87765, 87767, 87769, 87771, 87773, 87775, 87777, 87779, 87781, 87783, 87785, 87787, 87789, >87437, >87519, >87642, >87754, LP2-7, B-8, LP2-8, CCV-7, MB-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	03/27/2023 2:55 pm	MicheleL	Signer	
Y	03/27/2023 2:51 pm	catf	Analyst	

[ ] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[X] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:52 pm

Lab SampleRange: 87368-87789 | Dodge City: Soil Data Quality Control Report | ICP

Soil: Mehlich 3 Extractable Potassium (ICP) | Mar 24 2023 11:05AM 770983 Batch: A Instrument: ICP South Perkin-Elmer 8300

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	4	2											5,316	4		6				0 -	8			
CCV	18	19	20	20	20	18	22						14,408	20		2		8.1		18 -	22			
FRB	0	1											0							-				
LP2	269	232	248	230	271	259	256	254					6,374	250	250	27	17	10.6	6.8	216 -	284	12	1	0
B	290	258	303	259	325	274	312	331					263	298	298	24	20	8.0	6.8	258 -	339	28	5	0
*B	297												556	330	329	38	21	11.4	6.3	287 -	371	6	1	1

LAB #	87437	87519	87642	87754
ORIGINAL	453	150	592	704
DUPLICATE	439	157	487	688
% RD	3.0	4.5	19.4	2.3

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD	1/1 100.0%	12/17 70.6%	(>=33.3%)	
2 SD	1/0 100.0%	17/17 100.0%	(>=66.7%)	(<25%)
3 SD	1/0 100.0%	17/17 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 31/32 96.9%

Agronomic Relevance 10

Order of Analysis: FRB-1, FRB-2, B-1, LP2-1, B-2, CCV-1, MB-1, 87368-87380, 87382, 87381, 87383-87393, LP2-2, 87394-87425, B-3, CCV-2, 87426-87456, LP2-3, 87457-87488, B-4, CCV-3, 87489-87519, LP2-4, 87520-87551, B-5, CCV-4, 87552-87559, *87560, 87561-87582, LP2-5, 87583-87586, 87588-87589, 87591-87592, 87594-87595, 87597-87598, 87600-87601, 87603-87604, 87606-87607, 87609-87610, 87612-87613, 87615, 87617, 87619-87620, 87622, 87624, 87626-87629, B-6, CCV-5, 87630-87633, 87635, 87637-87638, 87640, 87642, 87644, 87646, 87648, 87650, 87652, 87654, 87656, 87658, 87660, 87662, 87664, 87666, 87668, 87670, 87672, 87674, 87676, 87678, 87680, 87682, 87684, 87686, LP2-6, 87688, 87690, 87692, 87694, 87696, 87698, 87700, 87702-87704, 87722-87724, 87726, 87728, 87730, 87732, 87734, 87736, 87738, 87740, 87742, 87744, 87746, 87748, 87750, 87752, 87754, 87756-87759, B-7, CCV-6, 87760-87763, 87765, 87767, 87769, 87771, 87773, 87775, 87777, 87779, 87781, 87783, 87785, 87787, 87789, >87437, >87519, >87642, >87754, LP2-7, B-8, LP2-8, CCV-7, MB-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	03/27/2023 2:55 pm	MicheleL	Signer	
Y	03/27/2023 2:51 pm	catf	Analyst	

[ ] ACCEPTABLE: May release all data upon final review of individual results.
[X] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:52 pm

Lab SampleRange: 87368-87789 | **Soil:** Mehlich 3 Extractable Calcium (ICP)

Dodge City: Soil Data Quality Control Report

ICP

Mar 24 2023 11:05AM 770983 Batch: A Instrument: ICP South Perkin-Elmer 8300

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
MB	43	8											5,316	40		38		95.8		0 - 80			
CCV	201	200	197	203	207	205	202						14,438	200		18		9.0		180 - 220			
FRB	35	34											0							-			
LP2	5,505	4,972	5,649	5,667	5,959	5,995	5,832	5,682					6,376	5,610	5,611	583	443	10.4	7.9	4,724 - 6,497	21	2	1
B	2,459	2,443	2,566	2,365	2,600	2,606	2,554	2,612					428	2,616	2,615	149	133	5.7	5.1	2,350 - 2,881	33	4	0
*B	2,718												556	5,267	5,329	571	361	10.8	6.8	4,607 - 6,050	15	2	2

LAB #	87437	87519	87642	87754
ORIGINAL	30980	6029	2812	1939
DUPLICATE	31160	6193	2493	2042
% RD	0.6	2.7	12.0	5.2

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD	0/1 0.0%	12/17 70.6%	(>=33.3%)	
2 SD	0/1 0.0%	16/17 94.1%	(>=66.7%)	(<25%)
3 SD	0/1 0.0%	16/17 94.1%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 30/32 93.8%

Agronomic Relevance 25

Order of Analysis: FRB-1, FRB-2, B-1, LP2-1, B-2, CCV-1, MB-1, 87368-87380, 87382, 87381, 87383-87393, LP2-2, 87394-87425, B-3, CCV-2, 87426-87456, LP2-3, 87457-87488, B-4, CCV-3, 87489-87519, LP2-4, 87520-87551, B-5, CCV-4, 87552-87559, *87560, 87561-87582, LP2-5, 87583-87586, 87588-87589, 87591-87592, 87594-87595, 87597-87598, 87600-87601, 87603-87604, 87606-87607, 87609-87610, 87612-87613, 87615, 87617, 87619-87620, 87622, 87624, 87626-87629, B-6, CCV-5, 87630-87633, 87635, 87637-87638, 87640, 87642, 87644, 87646, 87648, 87650, 87652, 87654, 87656, 87658, 87660, 87662, 87664, 87666, 87668, 87670, 87672, 87674, 87676, 87678, 87680, 87682, 87684, 87686, LP2-6, 87688, 87690, 87692, 87694, 87696, 87698, 87700, 87702-87704, 87722-87724, 87726, 87728, 87730, 87732, 87734, 87736, 87738, 87740, 87742, 87744, 87746, 87748, 87750, 87752, 87754, 87756-87759, B-7, CCV-6, 87760-87763, 87765, 87767, 87769, 87771, 87773, 87775, 87777, 87779, 87781, 87783, 87785, 87787, 87789, >87437, >87519, >87642, >87754, LP2-7, B-8, LP2-8, CCV-7, MB-2

Missing Samples:

Approved	Date / Tme		Name	Type	Comment
Y	03/27/2023	2:55 pm	MicheleL	Signer	
Y	03/27/2023	2:51 pm	catf	Analyst	

[ ] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[X] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:51 pm

Lab SampleRange: 87368-87789

Soil: Mehlich 3 Extractable Magnesium (ICP)

Dodge City: Soil Data Quality Control Report

Mar 24 2023 11:05AM 770983 Batch: A Instrument: ICP South Perkin-Elmer 8300

ICP

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
MB	7	0											5,316	5		5				0 - 10			
CCV	29	29	31	32	31	31	31						14,408	30		3		10.4		27 - 33			
FRB	8	8											0							-			
LP2	533	505	557	565	**605**	590	590	563					6,376	539	539	45	32	8.3	6.0	474 - 603	18	1	1
B	520	518	546	508	564	523	583	578					428	549	548	28	24	5.1	4.4	500 - 596	30	5	0
*B	545												556	589	591	50	35	8.4	6.0	521 - 662	18	1	1

LAB #	87437	87519	87642	87754
ORIGINAL	961	244	457	301
DUPLICATE	973	237	410	346
% RD	1.2	2.9	10.8	13.9

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD	1/1 100.0%	9/17 52.9%	(>=33.3%)	
2 SD	1/0 100.0%	17/17 100.0%	(>=66.7%)	(<25%)
3 SD	1/0 100.0%	17/17 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 30/32 93.8%

Agronomic Relevance 10

Order of Analysis: FRB-1, FRB-2, B-1, LP2-1, B-2, CCV-1, MB-1, 87368-87380, 87382, 87381, 87383-87393, LP2-2, 87394-87425, B-3, CCV-2, 87426-87456, LP2-3, 87457-87488, B-4, CCV-3, 87489-87519, LP2-4, 87520-87551, B-5, CCV-4, 87552-87559, *87560, 87561-87582, LP2-5, 87583-87586, 87588-87589, 87591-87592, 87594-87595, 87597-87598, 87600-87601, 87603-87604, 87606-87607, 87609-87610, 87612-87613, 87615, 87617, 87619-87620, 87622, 87624, 87626-87629, B-6, CCV-5, 87630-87633, 87635, 87637-87638, 87640, 87642, 87644, 87646, 87648, 87650, 87652, 87654, 87656, 87658, 87660, 87662, 87664, 87666, 87668, 87670, 87672, 87674, 87676, 87678, 87680, 87682, 87684, 87686, LP2-6, 87688, 87690, 87692, 87694, 87696, 87698, 87700, 87702-87704, 87722-87724, 87726, 87728, 87730, 87732, 87734, 87736, 87738, 87740, 87742, 87744, 87746, 87748, 87750, 87752, 87754, 87756-87759, B-7, CCV-6, 87760-87763, 87765, 87767, 87769, 87771, 87773, 87775, 87777, 87779, 87781, 87783, 87785, 87787, 87789, >87437, >87519, >87642, >87754, LP2-7, B-8, LP2-8, CCV-7, MB-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	03/27/2023 2:55 pm	MicheleL	Signer	
Y	03/27/2023 2:52 pm	catf	Analyst	

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Printed: 4/25/2023 4:52 pm

Lab SampleRange: 87368-87789

Soil: Mehlich 3 Extractable Sodium (ICP)

Dodge City: Soil Data Quality Control Report

Mar 24 2023 11:05AM 770983 Batch: A Instrument: ICP South Perkin-Elmer 8300

ICP

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	0.4	0.3											5,316	0.4		1.5				0.0 -	2.0			
CCV	1.9	1.9	1.9	2.0	1.9	1.9	2.1						14,408	3.7		12.7				1.8 -	2.2			
FRB	4.2	3.6											0							-				
LP2	58.5	51.8	56.9	60.2	63.1	60.1	59.3	57.3					6,374	59.5	59.5	5.7	4.2	9.6	7.0	51.1 -	67.9	20	2	1
B	48.9	48.9	55.2	**45.7**	56.2	49.4	54.0	56.9					428	54.7	54.5	4.6	3.8	8.4	6.9	46.9 -	62.0	28	4	1
*B	57.3												556	58.4	58.6	5.7	3.9	9.7	6.7	50.8 -	66.5	18	3	1

LAB #	87437	87519	87642	87754
ORIGINAL	583.2	85.3	21.3	10.3
DUPLICATE	581.2	83.1	15.9	7.3
% RD	0.3	2.6	29.3	34.1

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD	1/1 100.0%	12/17 70.6%	(>=33.3%)	
2 SD	1/0 100.0%	17/17 100.0%	(>=66.7%)	(<25%)
3 SD	1/0 100.0%	17/17 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 31/32 96.9%

Agronomic Relevance 5

Order of Analysis: FRB-1, FRB-2, B-1, LP2-1, B-2, CCV-1, MB-1, 87368-87380, 87382, 87381, 87383-87393, LP2-2, 87394-87425, B-3, CCV-2, 87426-87456, LP2-3, 87457-87488, B-4, CCV-3, 87489-87519, LP2-4, 87520-87551, B-5, CCV-4, 87552-87559, *87560, 87561-87582, LP2-5, 87583-87586, 87588-87589, 87591-87592, 87594-87595, 87597-87598, 87600-87601, 87603-87604, 87606-87607, 87609-87610, 87612-87613, 87615, 87617, 87619-87620, 87622, 87624, 87626-87629, B-6, CCV-5, 87630-87633, 87635, 87637-87638, 87640, 87642, 87644, 87646, 87648, 87650, 87652, 87654, 87656, 87658, 87660, 87662, 87664, 87666, 87668, 87670, 87672, 87674, 87676, 87678, 87680, 87682, 87684, 87686, LP2-6, 87688, 87690, 87692, 87694, 87696, 87698, 87700, 87702-87704, 87722-87724, 87726, 87728, 87730, 87732, 87734, 87736, 87738, 87740, 87742, 87744, 87746, 87748, 87750, 87752, 87754, 87756-87759, B-7, CCV-6, 87760-87763, 87765, 87767, 87769, 87771, 87773, 87775, 87777, 87779, 87781, 87783, 87785, 87787, 87789, >87437, >87519, >87642, >87754, LP2-7, B-8, LP2-8, CCV-7, MB-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	03/27/2023 2:55 pm	MicheleL	Signer	
Y	03/27/2023 2:52 pm	catf	Analyst	

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Printed: 4/25/2023 4:52 pm

Lab SampleRange: 87368-87789 | Dodge City: Soil Data Quality Control Report | ICP

Soil: Mehlich 3 Extractable Sulfur (ICP) | Mar 24 2023 11:05AM 770983 Batch: A Instrument: ICP South Perkin-Elmer 8300

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	1.8	**-0.1**											5,316	0.4		1.2				0.0 -	2.0			
CCV	1.0	0.9	0.9	1.0	0.9	1.1	0.9						14,540	2.8		13.1				0.8 -	1.2			
FRB	0.5	0.4											0							-				
LP2	18.9	18.6	20.1	19.3	**23.0**	20.4	**22.7**	21.9					6,375	19.1	19.1	2.2	1.7	11.5	9.1	15.6 -	22.6	25	3	1
B	12.9	12.3	15.1	13.1	15.2	14.4	14.2	15.4					428	13.0	13.1	1.5	1.2	11.2	9.3	10.6 -	15.5	29	5	0
*B	**13.6**												556	19.4	19.5	2.4	1.8	12.2	9.1	15.9 -	23.0	21	4	1

LAB #	87437	87519	87642	87754
ORIGINAL	276.9	11.0	9.7	8.3
DUPLICATE	289.0	13.6	7.8	10.6
% RD	4.3	20.9	21.6	24.4

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD	0/1 0.0%	10/17 58.8%	(>=33.3%)	
2 SD	0/1 0.0%	16/17 94.1%	(>=66.7%)	(<25%)
3 SD	1/0 100.0%	17/17 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 30/32 93.8%

Agronomic Relevance 5

Order of Analysis: FRB-1, FRB-2, B-1, LP2-1, B-2, CCV-1, MB-1, 87368-87380, 87382, 87381, 87383-87393, LP2-2, 87394-87425, B-3, CCV-2, 87426-87456, LP2-3, 87457-87488, B-4, CCV-3, 87489-87519, LP2-4, 87520-87551, B-5, CCV-4, 87552-87559, *87560, 87561-87582, LP2-5, 87583-87586, 87588-87589, 87591-87592, 87594-87595, 87597-87598, 87600-87601, 87603-87604, 87606-87607, 87609-87610, 87612-87613, 87615, 87617, 87619-87620, 87622, 87624, 87626-87629, B-6, CCV-5, 87630-87633, 87635, 87637-87638, 87640, 87642, 87644, 87646, 87648, 87650, 87652, 87654, 87656, 87658, 87660, 87662, 87664, 87666, 87668, 87670, 87672, 87674, 87676, 87678, 87680, 87682, 87684, 87686, LP2-6, 87688, 87690, 87692, 87694, 87696, 87698, 87700, 87702-87704, 87722-87724, 87726, 87728, 87730, 87732, 87734, 87736, 87738, 87740, 87742, 87744, 87746, 87748, 87750, 87752, 87754, 87756-87759, B-7, CCV-6, 87760-87763, 87765, 87767, 87769, 87771, 87773, 87775, 87777, 87779, 87781, 87783, 87785, 87787, 87789, >87437, >87519, >87642, >87754, LP2-7, B-8, LP2-8, CCV-7, MB-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	03/27/2023 2:55 pm	MicheleL	Signer	
Y	03/27/2023 2:53 pm	catf	Analyst	

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Printed: 4/25/2023 4:52 pm

Lab SampleRange: 87368-87850

Soil: Soluble Salts Soil-Water EC (1:2)

Dodge City: Soil Data Quality Control Report

Mar 24 2023 11:54AM 770996 Batch: A Instrument: AMA-EC JenWay

Conductivity Meter

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
MGB - Mar 09	0.356	0.337	0.371	0.335	0.382	0.331	0.337	0.353	0.374	0.371	0.373	0.380	24	0.368	0.366	0.020	0.019	5.6	5.1	0.329 - 0.403	25	4	0
MGB - Mar 09	0.354	0.366	0.376	0.365	0.378	0.384	**0.412**	0.378	0.364	**0.407**	0.380	0.358	24	0.368	0.366	0.020	0.019	5.6	5.1	0.329 - 0.403	25	4	0

LAB #	87400	87411	87451	87488	87526	87840
ORIGINAL	0.542	0.669	0.489	0.291	0.498	0.201
DUPLICATE	0.618	0.563	0.484	0.287	0.422	0.201
% RD	13.1	17.2	1.0	1.4	16.5	0.0

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		18/24 75.0%	(>=33.3%)	
2 SD		23/24 95.8%	(>=66.7%)	(<25%)
3 SD		24/24 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 26/30 86.7%

Order of Analysis: 87368-87375, >87400, MGB-1, 87376-87380, 87382, 87381, 87383, >87411, MGB-2, 87384-87391, >87451, MGB-3, 87392-87399, >87488, MGB-4, 87400-87407, >87526, MGB-5, 87408-87415, >87840, MGB-6, 87416-87424, MGB-7, 87425-87433, MGB-8, 87434-87442, MGB-9, 87443-87451, MGB-10, 87452-87460, MGB-11, 87461-87469, MGB-12, 87470-87478, MGB-13, 87479-87487, MGB-14, 87488-87496, MGB-15, 87497-87505, MGB-16, 87506-87514, MGB-17, 87515-87523, MGB-18, 87524-87532, MGB-19, 87533-87541, MGB-20, 87542-87550, MGB-21, 87551-87559, MGB-22, 87839-87847, MGB-23, 87848-87850, MGB-24

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	03/27/2023 9:51 am	MicheleL	Signer	
Y	03/27/2023 9:10 am	GalenS	Analyst	

[ ] ACCEPTABLE: May release all data upon final review of individual results.
[X] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:52 pm

Lab SampleRange: 87368-87850

Soil: pH Soil-Water (1:2)

Dodge City: Soil Data Quality Control Report

Mar 24 2023 11:54AM 770996 Batch: A Instrument: Auto pH South

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
MGB	5.29	5.16	5.29	5.10	5.07	5.11	5.29	5.16	5.20	5.15	5.11	5.10	0							-	0	0	0
MGB	5.30	5.14	5.19	5.18	5.09	5.13	5.31	5.17	5.24	5.16	5.15	5.13	0							-	0	0	0

LAB #	87400	87411	87451	87488	87526	87840
ORIGINAL	8.63	8.04	8.48	8.01	8.21	8.27
DUPLICATE	8.62	8.02	8.44	8.09	8.07	8.29
% RD	0.0	0.2	0.4	1.1	1.8	0.3

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		24/24 100.0%	(>=33.3%)	
2 SD		24/24 100.0%	(>=66.7%)	(<25%)
3 SD		24/24 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 30/30 100.0%

Order of Analysis:

Missing Samples: NONE

Approved	Date / Tme		Name	Type	Comment
Y	03/27/2023	9:51 am	MicheleL	Signer	
Y	03/27/2023	9:10 am	GalenS	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
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Printed: 3/27/2023 9:51 pm

Lab SampleRange: 87470-90314
Soil: Sat. Paste Moisture

Dodge City: Soil Data Quality Control Report
Apr 5 2023 7:40AM 772449 Batch: A Instrument: Mettler PG2002-S FA3157

Sub Test

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	-0.7												597	2,307.9		72,613.4				-				
A	35.7	36.7											141	34.3	34.2	2.1	1.7	6.0	4.9	30.8 -	37.5	27	5	1
LAB #																								
ORIGINAL																								
DUPLICATE																								
% RD																								

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/2 50.0%	(>=33.3%)	
2 SD		2/2 100.0%	(>=66.7%)	(<25%)
3 SD		2/2 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 3/3 100.0%

Order of Analysis: A-1, MB-1, 87470-87485, 90301-90314, A-2

Missing Samples:

Approved	Date / Tme		Name	Type	Comment
Y	04/06/2023	8:35 am	MicheleL	Signer	
Y	04/06/2023	5:56 am	GalenS	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:56 pm

Lab SampleRange: 87470-90314

Soil: Sat. Paste Extractable Calcium (ICP)

Dodge City: Soil Data Quality Control Report

Apr 5 2023 7:42AM 772450 Batch: A Instrument: ICP South Perkin-Elmer 8300

ICP

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	0.8												581	0.4		2.9				-5.0 -	5.0			
CCV	204.7	209.9											739	204.4		10.0		4.9		180.0 -	220.0			
A	**48.1**	30.1											137	36.6	36.7	4.7	3.9	12.9	10.7	28.9 -	44.6	25	5	1
DIB	0.0												0							-				

LAB #
ORIGINAL
DUPLICATE
% RD

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		0/2 0.0%	(>=33.3%)	
2 SD		1/2 50.0%	(>=66.7%)	(<25%)
3 SD		2/2 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 5/6 83.3%

Order of Analysis: A-1, CCV-1, MB-1, 87470-87484, 90301-90314, A-2, DIB-1, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	04/06/2023 2:24 pm	MicheleL	Signer	
Y	04/06/2023 1:38 pm	catf	Analyst	

[ ] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[X] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:56 pm

Lab SampleRange: 87470-90314

Soil: Sat. Paste Extractable Magnesium (ICP)

Dodge City: Soil Data Quality Control Report

Apr 5 2023 7:42AM 772450 Batch: A Instrument: ICP South Perkin-Elmer 8300

ICP

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	0.2												581	0.2		0.8				-1.5	1.5			
CCV	31.4	28.5											739	30.6		1.4		4.7		27.0	33.0			
A	**20.6**	13.7											137	15.0	14.9	2.0	1.7	13.5	11.4	11.5	18.3	27	5	0
DIB	0.0												0							-				
LAB #																								
ORIGINAL																								
DUPLICATE																								
% RD																								

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/2 50.0%	(>=33.3%)	
2 SD		1/2 50.0%	(>=66.7%)	(<25%)
3 SD		2/2 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 5/6 83.3%

Order of Analysis: A-1, CCV-1, MB-1, 87470-87484, 90301-90314, A-2, DIB-1, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	04/06/2023 2:24 pm	MicheleL	Signer	
Y	04/06/2023 1:38 pm	catf	Analyst	

[ ] ACCEPTABLE: May release all data upon final review of individual results.
[X] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:56 pm

Lab SampleRange: 87470-90314

Soil: Sat. Paste Extractable Sodium (ICP)

Dodge City: Soil Data Quality Control Report

Apr 5 2023 7:42AM 772450 Batch: A Instrument: ICP South Perkin-Elmer 8300

ICP

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
													581	0.8		7.2				-1.0	1.0			
MB	0.3																			-				
CCV	1.9	1.8											739	2.1		0.2		9.5		1.8	2.2			
																				-				
A	27.6	18.9											137	27.8	27.5	5.6	4.6	20.1	16.7	18.3	36.7	26	4	2
																				-				
DIB	0.0												0											
																				-				

LAB #
ORIGINAL
DUPLICATE
% RD

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/2 50.0%	(>=33.3%)	
2 SD		2/2 100.0%	(>=66.7%)	(<25%)
3 SD		2/2 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 6/6 100.0%

Order of Analysis: A-1, CCV-1, MB-1, 87470-87484, 90301-90314, A-2, DIB-1, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	04/06/2023 2:24 pm	MicheleL	Signer	
Y	04/06/2023 1:38 pm	catf	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:56 pm

Lab SampleRange: 87470-90314

Soil: Sat. Paste EC (ECe)

Dodge City: Soil Data Quality Control Report

Apr 5 2023 7:43AM 772451 Batch: A Instrument: Jenway 3540 pH/EC Main Lab - dphec1

Conductivity Meter

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	0.009												596	0.345		8.069				0.000 -	0.100			
CCV	1.413	1.413											1,054	1.398		0.067		4.8		1.272 -	1.554			
A	0.544	**0.354**											141	0.488	0.480	0.103	0.053	21.1	11.1	0.374 -	0.587	6	1	1
LAB #																								
ORIGINAL																								
DUPLICATE																								
% RD																								

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/2 50.0%	(>=33.3%)	
2 SD		2/2 100.0%	(>=66.7%)	(<25%)
3 SD		2/2 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 5/5 100.0%

Order of Analysis: A-1, CCV-1, MB-1, 87470-87485, 90301-90314, A-2, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	04/06/2023 8:35 am	MicheleL	Signer	
Y	04/06/2023 7:32 am	GalenS	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

Printed: 4/25/2023 4:57 pm

Lab SampleRange: 87476-87491

Soil: TKN (Distillation/Titration)

Dodge City: Soil Data Quality Control Report

Apr 11 2023 1:47PM 773244 Batch: A Mettler XS204 FA4618; Titrino Plus 848

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
MB	0												238	0		0				-10	10			
LCS	796												32	920		107		11.6		725	925			
LCS		3,382											32	3,696		108		2.9		3,080	3,580			

LAB #	87485
ORIGINAL	3420
DUPLICATE	3631
% RD	6.0

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD			(>=33.3%)	
2 SD			(>=66.7%)	(<25%)
3 SD			(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 4/4 100.0%

Order of Analysis: MB-1, LCS-1, 87476-87485, >87485, 87486-87491, LCS-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	04/12/2023 11:57 am	MicheleL	Signer	
Y	04/12/2023 11:43 am	CaseyP	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
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Printed: 4/25/2023 4:57 pm

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

Is the facility in operation?

☐ Yes ☐ No

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

If yes, provide effluent analysis data for the listed pollutants. ***Wastewater treatment facilities*** complete Table 1.0(2). 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					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*TPDES permits only

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECIBO DE LA SOLICITUD E
INTENCION DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA
RENOVACION

PERMISO NO. WQ0013986001

SOLICITUD. City of Pyote, P.O. Box 137, Pyote, Texas 79777, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar el Permiso No.WQ0013986001 de desecho de aguas residuales para autorizar el desecho de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 11,000 galones por día por mediante: irrigación superficial de 6.52 acres de terreno sin acceso publico. La planta de tratamiento de aguas domésticos residuales y el área de desecho están ubicados aproximadamente a 500 pies al este de la intersección de la carretera U.S. 80 (Bus. Interestatal 20) y la Rodgers Street, en la ciudad de Pyote, en el Condado de Ward, Texas. La TCEQ recibió esta solicitud el día 13 de Marzo del 2025. La solicitud para el permiso estará disponible para leerla y copiarla en City of Pyote City hall, 201 11th Street, Pyote, in Ward County, Texas, antes de la fecha de publicación de este aviso en el periódico. La solicitud, incluidas las actualizaciones y los avisos asociados, esta disponible electrónicamente en la siguiente pagina web:
https://www.tceq.texas.gov/permitting/wastewater/pendingpermits/tlap-applications.
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=-103.117777,31.5325&level=18

También se puede obtener más información comunicándose con la Ciudad de Pyote en la dirección indicada anteriormente o llamando a la Sra. Yolanda Graves, Secretaria de la Ciudad, al 432-208-5682.

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 City of Pyote a la dirección indicada arriba o llamando a Yolanda Graves, Secretaria de la Ciudad, al 432-208-5682.

Fecha de emisión _____ *[Date notice issued]*

KLEINMAN CONSULTANTS
ENGINEERS | PLANNERS | SURVEYORS

Office (432) 667-9057
Firm No. F-13458

April 2, 2025

Mr. Brandon Maldonado
Applications Review and Processing Team (MC-148)
Water Quality Division
TCEQ
P.O. Box 13087
Austin, Texas 78711-3087

Re: Application to Renew Permit No. WQ0013986001
Applicant Name: City of Pyote (CN600650915)
Site name: City of Pyote (RN102187192)
Type of Application: Renewal without changes

Dear Mr. Maldonado:

This letter is in response to your March 27, 2025 letter regarding the application for a renewal of the above mentioned permit.

1. The portion of the NORI contains no errors or omissions.

2. Enclosed please find the Spanish translated NORI in Microsoft Word document.

If you or your staff require any additional information, we will do our best to provide it to you in a timely manner.

Sincerely,

Ramon V. Carrasco, P.E.
Project Engineer

Enclosure
cc: Yolanda Graves, City of Pyote

Brandon Maldonado

From: Ramon Carrasco <ramon@kleinmanconsultants.com>
Sent: Wednesday, April 2, 2025 11:58 AM
To: Brandon Maldonado; Haley Stinchcomb
Cc: City
Subject: Re: Fw: nori
Attachments: TCEQ 01.LTR.pdf; Municipal Disposal Renewal Spanish NORI.docx

Mr. maldonado,

Attached please find the response letter to Renewal Permit No. WQ0013986001 and the NORI spanish translation in word format.

Please let us know if you need any additional information.

Thank you,

Ramon Carrasco, P.E.
Senior Engineer, CEO
417 Commerce St., Presidio, TX 79845
Cel: (432)664-9057

On Wed, Apr 2, 2025 at 9:17 AM City <city@cityofpyote.org> wrote:

> This is from haiey at tceq everything is correct
>
> Yolanda
>
> *Yolanda Graves*
>
> *City Secretary*
>
> *City of Pyote*
>
> *PO Box 137*
>
> *Pyote, Tx 79777*

432-389-5845

secretary@cityofpyote.org

city@cityofpyote.org

From: Haley Stinchcomb <Haley.Stinchcomb@tceq.texas.gov>
Sent: Friday, March 28, 2025 11:41 AM
To: City <city@cityofpyote.org>
Subject: RE: nori

Good afternoon, Yolanda,

Looking at the letter you provided, no public notice is required right now. The letter is requesting you to confirm the information under Part 1. **APPLICATION.** is correct. After confirming it's all correct, they will mail you the complete notice with instruction on how it should be published for the public to view.

Additionally, they are requesting that you translate the first and second paragraphs of the **APPLICATION.** section into Spanish. This would be from the "City of Pyote, PO Box 137…." paragraph and the "Further information may also be obtained from…" paragraph. The translation can be completed on a Microsoft Word document and attached to the email confirming the information is correct.

This confirmation and translation will be emailed to brandon.maldonado@tceq.texas.gov for his review. It's due by April 10th so if there's any errors, he'll bring those to your attention as long as you get it to him before that date.

The 'Application Review and Permitting Process' section of our Municipal Domestic Wastewater webpage goes over the administrative review (where you are now) and the technical review process.

Call me if you need any help!

Thank you,

Haley Stinchcomb

Compliance Assistance Specialist

TCEQ – Small Business and Local Government Assistance

Region 7 – Midland

Office: (432) 570-1359

Haley.stinchcomb@tceq.texas.gov

From: City <city@cityofpyote.org>
Sent: Friday, March 28, 2025 10:28 AM
To: Haley Stinchcomb <Haley.Stinchcomb@tceq.texas.gov>
Subject: nori

Thank you

Yolanda

Yolanda Graves

City Secretary

City of Pyote

PO Box 137

Pyote, Tx 79777

432-389-5845

secretary@cityofpyote.org

city@cityofpyote.org