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 INDUSTRIAL WASTEWATER/STORMWATER

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

BNSF Railway Company (CN600276901) operates the BNSF Amarillo Eastern Fueling Facility (RN 102806833), a diesel locomotive refueling facility. The facility is located at Latitude: 35.2035°, Longitude: -101.7604°; North of SE 3rd Avenue at S. Whitaker Rd. And approximately one mile west of Loop 335 (Lakeside Dr.), in Amarillo, Potter County, Texas 79104. This application is for the renewal to discharge wastewater generated from diesel locomotive refueling and light maintenance activities. Wastewater is treated on-site using an oil/water separator followed by a two-cell lined lagoon system. In the event of significant rainfall, excess water may flow into a secondary evaporation lagoon. Any potential discharge from the secondary lagoon would occur via Outfall 001, which leads to a closed playa lake with no outlet. To date, there has been no known discharge from this secondary lagoon..

Discharges from the facility are expected to contain pollutants associated with fueling and maintenance operations, such as oil and grease, total suspended solids (TSS), and petroleum

hydrocarbons (if applicable). However, there has been no known discharge from Outfall 001 to date. In the event that wastewater discharges the water is treated by an oil/water separator and a two-cell lined lagoon system.

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.

BNSF Railway Company (CN600276901) opera la BNSF Amarillo Eastern Fueling Facility (RN 102806833), una instalación para el reabastecimiento de combustible de locomotoras diésel. La instalación se ubica en las coordenadas 35.2035° de latitud y -101.7604° de longitud, al norte de la SE 3rd Avenue en S. Whitaker Rd., y aproximadamente a una milla al oeste de Loop 335 (Lakeside Dr.), en Amarillo, condado de Potter, Texas 79104. Esta solicitud es para la renovación del permiso de descarga de aguas residuales generadas por el reabastecimiento de combustible de locomotoras diésel y actividades de mantenimiento ligero. Las aguas residuales se tratan in situ mediante un separador de aceite y agua, seguido de un sistema de lagunas revestidas de dos celdas. En caso de lluvias intensas, el exceso de agua puede fluir hacia una laguna de evaporación secundaria. Cualquier descarga potencial de la laguna secundaria se realizaría a través del emisario 001, que conduce a un lago salino cerrado sin salida. Hasta la fecha, no se ha registrado ningún vertido de esta laguna secundaria. Se prevé que los vertidos de la instalación contengan contaminantes asociados a las operaciones de abastecimiento de combustible y mantenimiento, como aceites y grasas, sólidos suspendidos totales (SST) e hidrocarburos de petróleo (si procede). Sin embargo, hasta la fecha no se ha registrado ningún vertido del emisario submarino 001. En caso de vertido de aguas residuales, estas se tratan mediante un separador de aceite y agua y un sistema de lagunas revestidas de dos celdas.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0002376000

APPLICATION. BNSF Railway Company, 2500 Lou Menk Drive # AOB3, Fort Worth, Texas 76131, which owns a diesel locomotive refueling and light locomotive repair facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002376000 (EPA I.D. No. TX0119261) to authorize the discharge of treated wastewater and stormwater at an intermittent and flow-variable volume. The facility is located approximately one mile west of the intersection of Southeast 3rd Avenue and Lakeside Drive, in the city of Amarillo, Potter County, Texas 79107. The discharge route is from the plant site via Outfall 001 to a playa lake basin in the watershed of the Upper Prairie Dog Town Fork Red River. TCEQ received this application on October 15, 2025. The permit application will be available for viewing and copying at Amarillo Public Library, 413 Southeast 4th Avenue, Amarillo, in Potter County, Texas prior to the date this notice is published in the newspaper. The application is available for viewing and copying at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-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=-101.759166,35.203333&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-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 BNSF Railway Company at the address stated above or by calling Mr. Sanders Kilpatrick, Manager of Environmental Operations, at 817-352-0027.

Issuance Date: November 20, 2025

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO NO. WQ0002376000

SOLICITUD. BNSF Railway Company, 2500 Lou Menk Drive # AOB3, Fort Worth, Texas 76131, propietaria de una instalación de reabastecimiento de locomotoras diésel y de reparación ligera de locomotoras, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0002376000 (EPA I.D. No. TX0119261) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen intermitente y variable. La planta está ubicada aproximadamente una milla al oeste de la intersección de Lakeside Drive y Southeast 3rd Avenue, la ciudad de Amarillo en el Condado de Potter, Texas 79107. La ruta de descarga es del sitio de la planta a través del Punto de Descarga 001, hacia una cuenca lacustre (playa lake) dentro de la cuenca hidrográfica del Upper Prairie Dog Town Fork Red River. La TCEQ recibió esta solicitud el 15 de octubre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública de Amarillo, ubicada en 413 Southeast 4th Avenue, Amarillo, condado de Potter, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud está disponible para su visualización y copia en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-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=-101.759166,35.203333&level=18

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.

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. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del 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 envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

INFORMACIÓN DISPONIBLE EN LÍNEA. Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en www.tceq.texas.gov/goto/cid. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

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 BNSF Railway Company a la dirección indicada arriba o llamando a el señor Sanders Kilpatrick, Gerente de Operaciones Ambientales, al 817-352-0027.

Fecha de emisión: 20 de noviembre de 2025

Leah Whallon

From: Carly Qualler <carly.qualler@erm.com>
Sent: Monday, November 17, 2025 12:53 PM
To: Leah Whallon; Kilpatrick, Sanders
Subject: RE: Application to Renew Permit No. WQ0002376000; BNSF Railway Company; Amarillo Eastern Fueling Facility
Attachments: Solicitud de Renovacion de Descarga Industrial NORI.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Ms. Whallon,

Please update the NORI to the below text, then the entire application should be consistent. The Spanish text has also been updated (attached). Please let me know if you have any questions.

APPLICATION. BNSF Railway Company, 2500 Lou Menk Drive #AOB3, Fort Worth, Texas 76131, which owns a diesel locomotive refueling and light locomotive repair facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002376000 (EPA I.D. No. TX0119261) to authorize the discharge of treated wastewater and stormwater at an intermittent and flow-variable volume. The facility is located approximately one mile west of Lakeside Drive, in the city of Amarillo, Potter County, Texas 79112.

Kind regards,
Carly

ERM
Sustainability is our business

Carly Qualler
Environmental Scientist

Albuquerque, NM **erm.com**
720-200-7109
505-235-5944

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Friday, November 14, 2025 12:03 PM
To: Kilpatrick, Sanders <Sanders.Kilpatrick@BNSF.com>
Cc: Carly Qualler <carly.qualler@erm.com>
Subject: RE: Application to Renew Permit No. WQ0002376000; BNSF Railway Company; Amarillo Eastern Fueling Facility

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

EXTERNAL MESSAGE

Good Afternoon and Thank you, Mr. Kilpatrick.

The updated core data form and SPIF have one-mile west of Lakeside Dr, but the NORI has 900 feet northeast of S Whitaker Road. Please confirm which one should be used across all forms and notice documents so it is consistent.

Thank you,

Leah Whallon
Texas Commission on Environmental Quality
Water Quality Division
512-239-0084
leah.whallon@tceq.texas.gov

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

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From: Kilpatrick, Sanders <Sanders.Kilpatrick@BNSF.com>
Sent: Friday, November 14, 2025 9:56 AM
To: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Cc: Carly Qualler <carly.qualler@erm.com>; Kilpatrick, Sanders <Sanders.Kilpatrick@BNSF.com>
Subject: RE: Application to Renew Permit No. WQ0002376000; BNSF Railway Company; Amarillo Eastern Fueling Facility

Good Morning Ms. Whallon,

Apologies for the confusion. Page 2 of the Core Data Form and Page 1 of the SPIF have been updated to reflect the most accurate description of the facility location (see attached). Please revert back to the original description in the public notice text, as shown below. The Spanish text has also been updated (attached).

APPLICATION. BNSF Railway Company, 2500 Lou Menk Drive #AOB3, Fort Worth, Texas 76131, which owns a diesel locomotive refueling and light locomotive repair facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002376000 (EPA I.D. No. TX0119261) to authorize the discharge of treated wastewater and stormwater at an intermittent and flow-variable volume. The facility is located approximately 900 feet northeast of the intersection of Southeast 3rd Avenue and South Whitaker Road, in the city of Amarillo, Potter County, Texas 79112.

Kind Regards,

Sanders Kilpatrick
Manager Environmental Operations
BNSF Railway Company
O: 817-352-0027
C: 817-308-6529
sanders.kilpatrick@bnsf.com

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Monday, November 10, 2025 11:59 AM
To: Kilpatrick, Sanders <Sanders.Kilpatrick@BNSF.com>
Cc: Carly Qualler <carly.qualler@erm.com>
Subject: RE: Application to Renew Permit No. WQ0002376000; BNSF Railway Company; Amarillo Eastern Fueling Facility

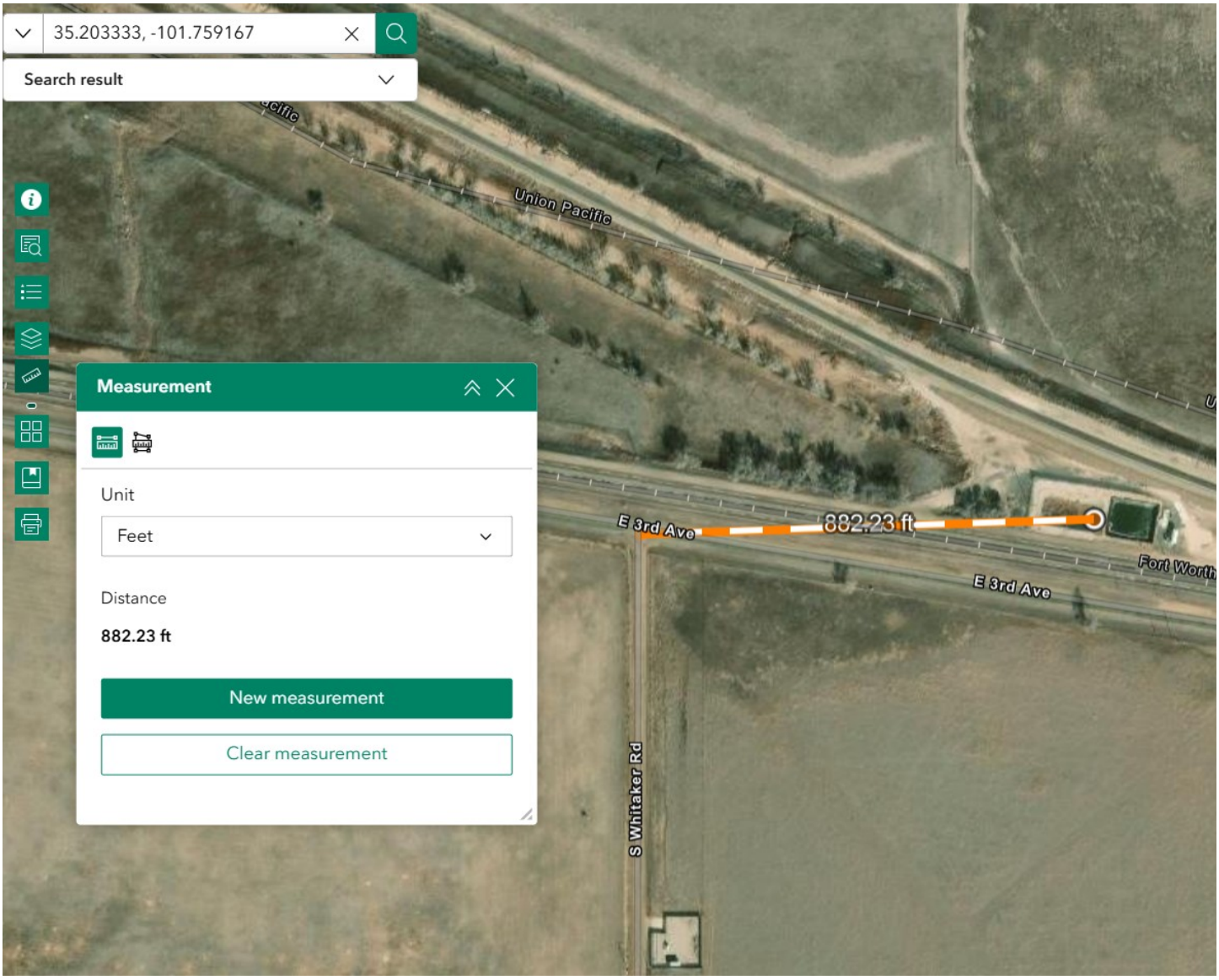
EXTERNAL EMAIL

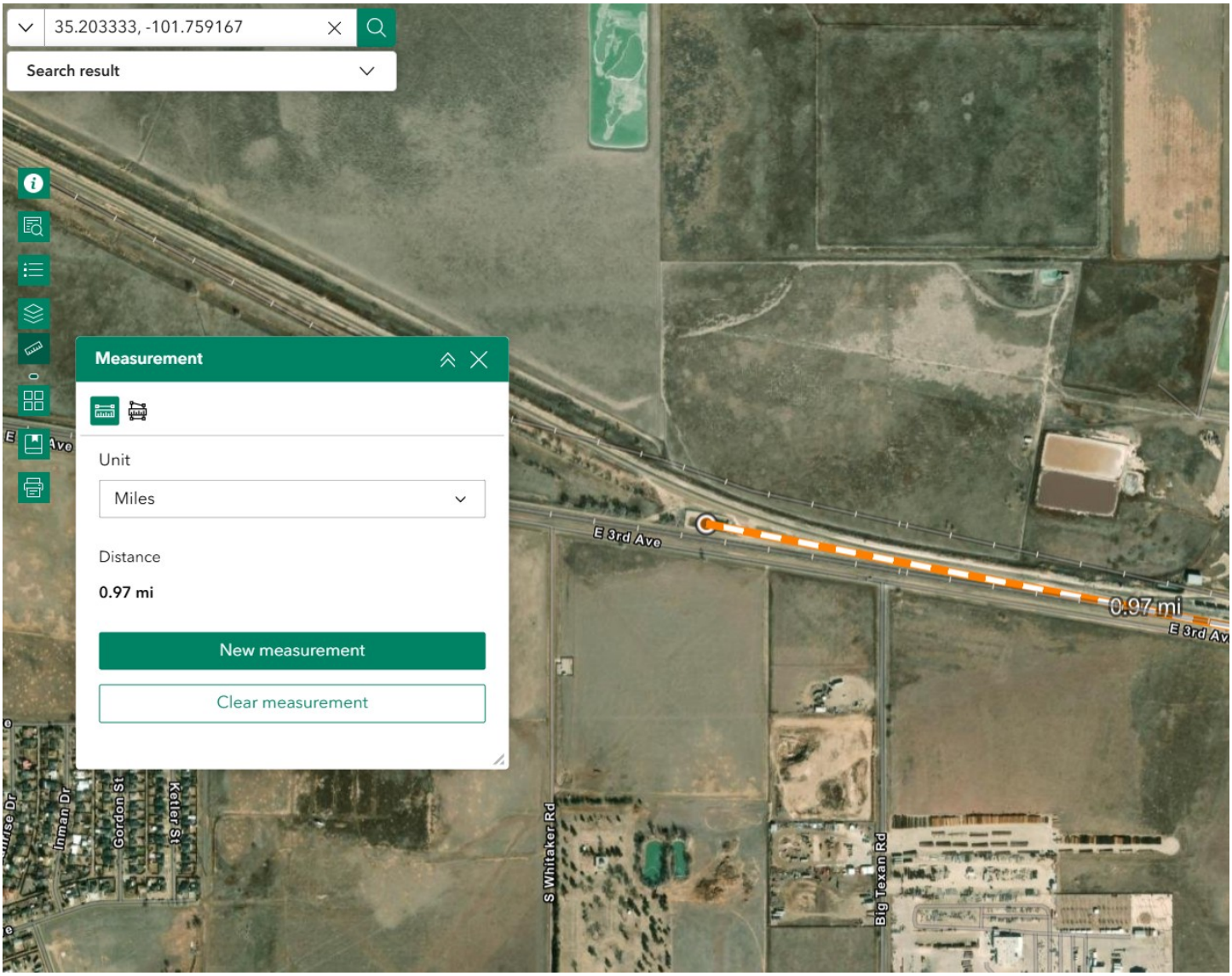
Thank you, Mr. Kilpatrick.

I want to confirm the location description. The current permit reads 900 feet northeast of the intersection of SE 3rd Avenue and South Whitaker Road. Your response lists the location as 500 feet northeast of the same intersection, while the application lists it as 0.25 miles west of the intersection of Lakeside Drive and SE 3rd Avenue.

When verifying the location via GIS map, it appears the description in the permit is the most accurate as the site location appears to be nearly a mile west of Lakeside Drive. Please confirm the correct location description for this facility and provide an updated page 2 of the Core Data form to list the same description.

Please let me know if you have any questions.


35.203333, -101.759167
Search result
Union Pacific
Measurement
Unit
Feet
Distance
882.23 ft
New measurement
Clear measurement
E 3rd Ave
882.23 ft
E 3rd Ave
S Whitaker Rd



Thank you,

Leah Whallon
Texas Commission on Environmental Quality
Water Quality Division
512-239-0084
leah.whallon@tceq.texas.gov

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

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From: Kilpatrick, Sanders <Sanders.Kilpatrick@BNSF.com>
Sent: Friday, November 7, 2025 2:52 PM
To: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>

Cc: Carly Qualler <carly.qualler@erm.com>; Kilpatrick, Sanders <Sanders.Kilpatrick@BNSF.com>
Subject: RE: Application to Renew Permit No. WQ0002376000; BNSF Railway Company; Amarillo Eastern Fueling Facility

Good Afternoon Ms. Whallon,

In response to Item #1 in the October 31 letter, please note the following corrections to the public notice text:

APPLICATION. BNSF Railway Company, 2500 Lou Menk Drive #AOB3, Fort Worth, Texas 76131, which owns a diesel locomotive refueling and light locomotive repair facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002376000 (EPA I.D. No. TX0119261) to authorize the discharge of treated wastewater and stormwater at an intermittent and flow-variable volume. The facility is located approximately 500 feet northeast of the intersection of Southeast 3rd Avenue and South Whitaker Road, in the city of Amarillo, Potter County, Texas 79112.

In response to Item #2 in the letter, please find the Spanish public notice text attached.

Please let me know if you need anything else.

Kind Regards,

Sanders Kilpatrick
Manager Environmental Operations
BNSF Railway Company
O: 817-352-0027
C: 817-308-6529
sanders.kilpatrick@bnsf.com

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Friday, October 31, 2025 4:20 PM
To: Kilpatrick, Sanders <Sanders.Kilpatrick@BNSF.com>
Subject: Application to Renew Permit No. WQ0002376000; BNSF Railway Company; Amarillo Eastern Fueling Facility

EXTERNAL EMAIL

Good Afternoon,

Please see the attached Notice of Deficiency letter dated October 31, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response by November 14, 2025.

Please let me know if you have any questions.

Thank you,

Leah Whallon
Texas Commission on Environmental Quality
Water Quality Division
512-239-0084
leah.whallon@tceq.texas.gov

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

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18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(817) 352-0027		(817) 352-7749

SECTION III: Regulated Entity Information

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

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

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

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

Amarillo Eastern Fueling Facility

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	No street address						
	City		**State**		**ZIP**		**ZIP + 4**
24. County	Potter						

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

25. Description to Physical Location:	Located north of SE 3rd Avenue, approximately one mile west of Lakeside Drive in the City of Amarillo, Potter County, Texas

26. Nearest City	State	Nearest ZIP Code
Amarillo	TX	79107

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

27. Latitude (N) In Decimal:	35.2035°	28. Longitude (W) In Decimal:	-101.7604°

Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
35	12	12.5994	-101	45	37.44

29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)
4011	4013	482111	488210

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

Diesel-locomotive refueling facility

34. Mailing Address:	**2500 Lou Menk Drive AOB3**						
	City	**Fort Worth**	**State**	**TX**	**ZIP**	**76131**	**ZIP + 4**
35. E-Mail Address:	**Sanders.kilpatrick@bnsf.com**						

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(817) 352-0027		**(817) 352-7749**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

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

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

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

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. 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.

The following applies to all applications:

1. Permittee: BNSF Railway Company

   Permit No. WQ00 02376000 EPA ID No. TX 0119261

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

   Located north of SE 3rd Avenue, approximately one mile west of Lakeside Drive in the City of Amarillo, Potter County, Texas

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO NO. WQ0002376000

SOLICITUD. BNSF Railway Company (CN600276901), 2500 Lou Menk Drive #AOB3, Fort Worth, Texas 76131, propietaria de una instalación de reabastecimiento de locomotoras diésel y de reparación ligera de locomotoras, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0002376000 (EPA I.D. No. TX0119261) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen intermitente y variable. La planta está ubicada una milla al oeste de Lakeside Drive en el Condado de Potter, Texas 79112. La ruta de descarga es del sitio de la planta a a través del Punto de Descarga 001, hacia una cuenca lacustre (playa lake) dentro de la cuenca hidrográfica del Upper Prairie Dog Town Fork Red River. La TCEQ recibió esta solicitud el 15 de Octubre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública de Amarillo, ubicada en 413 Southeast 4th Avenue, Amarillo, condado de Potter, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud está disponible para su visualización y copia en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-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=-101.759166,35.203333&level=18

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.

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. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del 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 envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

INFORMACIÓN DISPONIBLE EN LÍNEA. Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en www.tceq.texas.gov/goto/cid. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

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 BNSF Railway Company a la dirección indicada arriba o llamando a el señor Sanders Kilpatrick, Gerente de Operaciones Ambientales, al 817-352-0027.

Fecha de emisión:

TPDES PERMIT RENEWAL APPLICATION

TPDES Permit No. WQ0002376-000

Amarillo Eastern Fueling Facility
Amarillo, Potter County, Texas

Prepared for:

BNSF Railway Company
2500 Lou Menk Drive
Fort Worth, Texas

Prepared by:

ERM
11801 Domain Boulevard,
Floor 3 - Office 03B100
Austin, TX 78758

Project Number 0797842
October 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the industrial wastewater permit application.

APPLICANT NAME: BNSF Railway Company

PERMIT NUMBER (If new, leave blank): WQ00 02376-000

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

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Worksheet 8.0	☐	☒
Administrative Report 1.1	☐	☒	Worksheet 9.0	☐	☒
SPIF	☒	☐	Worksheet 10.0	☐	☒
Core Data Form	☒	☐	Worksheet 11.0	☐	☒
Summary of Application (PLS)	☒	☐	Worksheet 11.1	☐	☒
Public Involvement Plan Form	☐	☒	Worksheet 11.2	☐	☒
Technical Report 1.0	☒	☐	Worksheet 11.3	☐	☒
Worksheet 1.0	☐	☒	Original USGS Map	☒	☐
Worksheet 2.0	☒	☐	Affected Landowners Map	☐	☒
Worksheet 3.0	☒	☐	Landowner Disk or Labels	☐	☒
Worksheet 3.1	☒	☐	Flow Diagram	☒	☐
Worksheet 3.2	☐	☒	Site Drawing	☒	☐
Worksheet 3.3	☐	☒	Original Photographs	☐	☒
Worksheet 4.0	☒	☐	Design Calculations	☒	☐
Worksheet 4.1	☐	☒	Solids Management Plan	☐	☒
Worksheet 5.0	☐	☒	Water Balance	☒	☐
Worksheet 6.0	☐	☒			
Worksheet 7.0	☒	☐			

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region _____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs, except applications for oil and gas extraction operations subject to 40 CFR Part 435. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report.

Applications for oil and gas extraction operations subject to 40 CFR Part 435 must use Oil and Gas Exploration and Production Administrative Report (TCEQ Form-20893 and 20893-inst[1]).

Item 1. Application Information and Fees (Instructions, Page 26)

a. Complete each field with the requested information, if applicable.

Applicant Name: BNSF Railway Company

Permit No.: WQ0002376000

EPA ID No.: TX0119261

Expiration Date: April 14, 2026

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

☒ Industrial Wastewater (wastewater and stormwater)

☐ Industrial Stormwater (stormwater only)

☐ Reverse Osmosis Water Treatment (reverse osmosis water treatment wastewaters only)

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

☒ Active ☐ Inactive

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

☒ TPDES Permit ☐ TLAP ☐ TPDES with TLAP component

e. Check the box next to the appropriate application type.

☐ New

☐ Renewal with changes ☒ Renewal without changes

☐ Major amendment with renewal ☐ Major amendment without renewal

☐ Minor amendment without renewal

☐ Minor modification without renewal

f. If applying for an amendment or modification, describe the request: N/A

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region _____
Permit Number _____

[1] https://www.tceq.texas.gov/publications/search_forms.html

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ $350	☐ $350	☒ $315	☐ $150
Minor facility subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ $1,250	☐ $1,250	☐ $1,215	☐ $150
Major facility	N/A [2]	☐ $2,050	☐ $2,015	☐ $450

h. Payment Information

Mailed

Check or money order No.: Click to enter text.

Check or money order amt.: Click to enter text.

Named printed on check or money order: Click to enter text.

Epay

Voucher number: 784369 and 784370

Copy of voucher attachment: Attachment E

Item 2. Applicant Information (Instructions, Pages 26)

a. Customer Number, if applicant is an existing customer: CN600276901

Note: Locate the customer number using the TCEQ's Central Registry Customer Search[3].

b. Legal name of the entity (applicant) applying for this permit: BNSF Railway Company

Note: The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Mr. Full Name (Last/First Name): Kilpatrick, Sanders

Title: Manager of Environmental Operations Credential: Click to enter text.

d. Will the applicant have overall financial responsibility for the facility?

☒ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

[2] All facilities are designated as minors until formally classified as a major by EPA.

[3] https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

Item 3. Co-applicant Information (Instructions, Page 27)

☒ Check this box if there is no co-applicant.; otherwise, complete the below questions.

a. Legal name of the entity (co-applicant) applying for this permit: Click to enter text.

Note: The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

b. Customer Number (if applicant is an existing customer): CNClick to enter text.

Note: Locate the customer number using the TCEQ's Central Registry Customer Search.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

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

d. Will the co-applicant have overall financial responsibility for the facility?

☐ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 4. Core Data Form (Instructions, Pages 27)

a. Complete and attach one Core Data Form (TCEQ Form 10400) for each customer (applicant and co-applicant(s)). If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: Attachment F

Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contacted about this application. Indicate if the individual can be contacted about administrative or technical information, or both.

a. ☒ Administrative Contact . ☒ Technical Contact

Prefix: Mr. Full Name (Last/First Name): Kilpatrick, Sanders

Title: Manager of Environmental Operations Credential: Click to enter text.

Organization Name: BNSF Railway Company

Mailing Address: 2500 Lou Menk Drive AOB3 City/State/Zip: Fort Worth, TX 76131

Phone No: 817-352-0027 Email: sanders.kilpatrick@bnsf.com

b. ☐ Administrative Contact ☐ Technical Contact

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

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

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City/State/Zip: Click to enter text.

Phone No: Click to enter text. Email: Click to enter text.

Attachment: Click to enter text.

Item 6. Permit Contact Information (Instructions, Page 28)

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

a. Prefix: Mr. Full Name (Last/First Name): Kilpatrick, Sanders
Title: Manager of Environmental Operations Credential: Click to enter text.
Organization Name: BNSF Railway Company
Mailing Address: 2500 Lou Menk Drive AOB3 City/State/Zip: Fort Worth, TX 76131
Phone No: 817-352-0027 Email: sanders.kilpatrick@bnsf.com

b. Prefix: Mr. Full Name (Last/First Name): Clift, Michael
Title: Senior Manager of Environmental Operations Credential: Click to enter text.
Organization Name: BNSF Railway Company
Mailing Address: 4515 Kansas Avenue City/State/Zip: Kansas City, KS 66106
Phone No: 913-551-4379 Email: Michael.Clift@bnsf.com

Attachment: Click to enter text.

Item 7. Billing Contact Information (Instructions, Page 28)

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

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

Prefix: Mr. Full Name (Last/First Name): Kilpatrick, Sanders
Title: Manager of Environmental Operations Credential: Click to enter text.
Organization Name: BNSF Railway Company
Mailing Address: 2500 Lou Menk Drive AOB3 City/State/Zip: Fort Worth, TX 76131
Phone No: 817-352-0027 Email: sanders.kilpatrick@bnsf.com

Item 8. DMR/MER Contact Information (Instructions, Page 28)

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

Prefix: Mr. Full Name (Last/First Name): Kilpatrick, Sanders
Title: Manager of Environmental Operations Credential: Click to enter text.
Organization Name: BNSF Railway Company
Mailing Address: 2500 Lou Menk Drive AOB3 City/State/Zip: Fort Worth, TX 76131
Phone No: 817-352-0027 Email: sanders.kilpatrick@bnsf.com

Item 9. Notice Information (Instructions, Pages 28)

a. Individual Publishing the Notices

Prefix: Mr. Full Name (Last/First Name): Kilpatrick, Sanders

Title: Manager of Environmental Operations Credential: Click to enter text.

Organization Name: BNSF Railway Company

Mailing Address: 2500 Lou Menk Drive AOB3 City/State/Zip: Fort Worth, TX 76131

Phone No: 817-352-0027 Email: sanders.kilpatrick@bnsf.com

b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

☒ E-mail: sanders.kilpatrick@bnsf.com

☐ Fax: Click to enter text.

☒ Regular Mail (USPS)

Mailing Address: 2500 Lou Menk Drive AOB3

City/State/Zip Code: Fort Worth, TX 76131

c. Contact in the Notice

Prefix: Mr. Full Name (Last/First Name): Kilpatrick, Sanders

Title: Manager of Environmental OperationsCredential: Click to enter text.

Organization Name: BNSF Railway Company

Phone No: 817-352-0027 Email: sanders.kilpatrick@bnsf.com

d. Public Viewing Location Information

Note: If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: Amarillo Public Library Location within the building: 2nd Floor Reference Department

Physical Address of Building: 413 SE 4th Avenue

City: Amarillo County: Potter

e. Bilingual Notice Requirements

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

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

Call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine if an alternative language notice(s) is required.

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

   ☒ Yes ☐ No

If no, publication of an alternative language notice is not required; skip to Item 8 (Regulated Entity and Permitted Site Information.)

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No ☐ N/A

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

f. Complete and attach one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application for a new permit or major amendment. Attachment: N/A

Item 10. Regulated Entity and Permitted Site Information (Instructions Page 29)

a. TCEQ issued Regulated Entity Number (RN), if available: RN102806833

Note: If your business site is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search the TCEQ's Central Registry to determine the RN or to see if the larger site may already be registered as a Regulated Entity. If the site is found, provide the assigned RN.

b. Name of project or site (name known by the community where located): Amarillo Eastern Fueling Facility

c. Is the location address of the facility in the existing permit the same?

☒ Yes ☐ No ☐ N/A (new permit)

Note: If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

d. Owner of treatment facility:

Prefix: N/A Full Name (Last/First Name): N/A

or Organization Name: BNSF Railway Company

Mailing Address: 2500 Lou Menk Drive AOB3 City/State/Zip: Fort Worth, TX 76131

Phone No: 817-352-0027 Email: sanders.kilpatrick@bnsf.com

e. Ownership of facility: ☐ Public ☒ Private ☐ Both ☐ Federal

f. Owner of land where treatment facility is or will be: BNSF Railway Company

Prefix: N/A Full Name (Last/First Name): N/A

or Organization Name: BNSF Railway Company

Mailing Address: 2500 Lou Menk Drive AOB3 City/State/Zip: Fort Worth, TX 76131

Phone No: 817-352-0027 Email: sanders.kilpatrick@bnsf.com

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years (In some cases, a lease may not suffice - see instructions). Attachment: N/A

g. Owner of effluent TLAP disposal site (if applicable): N/A

Prefix: N/A Full Name (Last/First Name): N/A

or Organization Name: N/A

Mailing Address: N/A City/State/Zip: N/A

Phone No: N/A Email: N/A

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: N/A

h. Owner of sewage sludge disposal site (if applicable):

Prefix: N/A Full Name (Last/First Name): N/A

or Organization Name: N/A

Mailing Address: N/A City/State/Zip: N/A

Phone No: N/A Email: N/A

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: N/A

Item 11. TDPES Discharge/TLAP Disposal Information (Instructions, Page 31)

a. Is the facility located on or does the treated effluent cross Native American Land?

☐ Yes ☒ No

b. Attach an original full size USGS Topographic Map (or an 8.5"×11" reproduced portion for renewal or amendment applications) with all required information. Check the box next to each item below to confirm it has been included on the map.

☒ One-mile radius
☒ Three-miles downstream information
☒ Applicant's property boundaries
☒ Treatment facility boundaries
☒ Labeled point(s) of discharge
☒ Highlighted discharge route(s)
☒ Effluent disposal site boundaries
☒ All wastewater ponds
☐ Sewage sludge disposal site
☐ New and future construction

Attachment: Figure A-1

c. Is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: N/A

d. Are the point(s) of discharge in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: Click to enter text.

e. Are the discharge route(s) in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new permit, provide an accurate description of the discharge route: Click to enter text.

f. City nearest the outfall(s): Amarillo

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

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

☐ Yes ☒ No

If yes, indicate by a check mark if: ☐ Authorization granted ☐ Authorization pending

For new and amendment applications, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: N/A

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

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

☐ Yes No or New Permit ☐ N/A

If no, or a new application, provide an accurate location description: N/A

j. City nearest the disposal site: N/A

k. County in which the disposal site is located: N/A

l. For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: N/A

m. For TLAPs, identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: N/A

Item 12. Miscellaneous Information (Instructions, Page 33)

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

☐ Yes ☒ No

If yes, list each person: Click to enter text.

b. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account no.: Click to enter text.

Total amount due: Click to enter text.

c. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Enforcement order no.: Click to enter text.

Amount due: Click to enter text.

Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ0002376000

Applicant Name: BNSF Railway Company

Certification: I, Sanders Kilpatrick, 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): Sanders Kilpatrick

Signatory title: Manager of Environmental Operations

Signature: _____ Date: 10/8/2025

(Use blue ink)

Subscribed and Sworn to before me by the said Sanders Kilpatrick

on this 8th day of October, 2025.

My commission expires on the 1st day of October, 2028.

Kristi Green

Notary Public

[SEAL]

KRISTI L. GREEN NOTARY PUBLIC STATE OF TEXAS ID# 10187111 EXP. 10/01/2028

Tarrant

County, Texas

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

INDUSTRIAL WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Item 1. Affected Landowner Information (Instructions, Page 35)

a. Attach a landowner map or drawing, with scale, as applicable. Check the box next to each item to confirm it has been provided.

☐ The applicant's property boundaries.

☐ The facility site boundaries within the applicant's property boundaries.

☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone.

☐ The property boundaries of all landowners surrounding the applicant's property. (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)

☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream.

☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge.

☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides.

☐ The boundaries of the effluent disposal site (e.g., irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property.

☐ The property boundaries of all landowners surrounding the applicant's property boundaries where the effluent disposal site is located.

☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners within one-quarter mile of the applicant's property boundaries where the sewage sludge land application site is located.

☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (e.g., sludge surface disposal site or sludge monofil) is located.

Attachment: Click to enter text.

b. ☐ that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).

c. Check this box to confirm a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.Provide the source of the landowners' names and mailing addresses: Click to enter text.

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

☐ Yes ☐ No

If yes, provide the location and foreseeable impacts and effects this application has on the land(s): Click to enter text.

Item 2. Original Photographs (Instructions, Page 37)

Provide original ground level photographs. Check the box next to each of the following items to indicate it is included.

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

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

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

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

Attachment: Click to enter text.

INDUSTRIAL WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: G

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if mailing the payment. (Instructions, Page 36-37)

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Permit No:** WQ000Click to enter text.

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

   Name of Project or Site: Click to enter text.

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

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Item 1. Individual information (Instructions, Page 38)

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

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

Full legal name (first, middle, and last): Click to enter text.

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

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

Fax No.: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

DELEGATION OF AUTHORITY
ENVIRONMENT & SUSTAINABILITY

Pursuant to the Contracts and Payments Policy, dated October 20, 2016, last revised March 16, 2022, the following levels of authority are delegated to execute and implement on behalf of BNSF Railway Company any contracts normally involved in the Environment & Sustainability Department's area of responsibility listed. Prior authority and limits not specified in this document are revoked.

ENVIRONMENTAL CONTRACTS

Title	Contract Limits
General Director	$500,000
Senior General Attorney II	$500,000
Senior General Attorney I	$250,000
Director (SB-33)	$250,000
Director (SB-32)	$200,000
Assistant Director	$200,000
General Attorney	$200,000
Senior Manager	$150,000
Manager (SB-31)	$150,000
Manager (SB-30)	$100,000
Manager (SB-29)	$75,000
Assistant Manager	$75,000
Project Manager	$75,000
Assistant Project Manager	$50,000
Environmental Project Specialist	$1,000

ENVIRONMENTAL PERMITS – OPERATIONS AND REMEDIATION PROJECTS

The following personnel are delegated the authority to sign all environmental permits and associated reports as related to operations and remediation projects for BNSF Railway Company where state and federal statutes allow this delegation. Where state law does not permit such delegations, permits, and associated reports must be forwarded to the Vice President – Environment & Sustainability for execution.

Title
General Director
Director
Assistant Director
Senior Manager Environmental Operations
Manager Environmental Operations
Project Manager Environmental Operations
Manager Environmental Remediation
Assistant Manager Environmental Remediation
Manager Hazmat Compliance
Manager Hazmat Planning

DELEGATION OF AUTHORITY
ENVIRONMENT & SUSTAINABILITY

ENVIRONMENTAL PERMITS – CONSTRUCTION PROJECTS

The following personnel are delegated the authority to sign all environmental permits as related to Environment & Sustainability Department-led construction projects for BNSF Railway Company where state and federal statues allow this delegation. Where state law does not permit such delegations, permits must be forwarded to the Vice President – Environment & Sustainability for execution.

Title
General Director Environmental Ops, Engineering, Permitting & Sustainability
Director Environmental Construction Permitting & Sustainable Development
Senior Manager Sustainability & Environmental Planning
Manager Environmental Permitting

AGENCY SETTLEMENT LIMITS

The personnel listed are delegated the authority to execute and implement the requirements of Consent Orders and Notices of Violation that do not involve court orders or litigation. The form of settlement must be approved by an attorney.

Title	Agency Settlement Limit[1]
General Director	$500,000
Director Environmental Remediation	$50,000
Director Environmental Operations	$50,000
Director Environmental Project Controls & Real Estate	$50,000
Director Hazmat	$50,000
Director Environmental Engineering & Operations	$50,000
Director Environmental Construction Permitting & Sustainable Development	$50,000
Assistant Director Environmental Operations	$10,000
Assistant Director Environmental Remediation	$10,000

/s/ John D. Lovenburg
John D. Lovenburg
Vice President Environment & Sustainability

Effective: March 14, 2023

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

☒ Correct and Current Industrial Wastewater Permit Application Forms
(TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)

☐ Water Quality Permit Payment Submittal Form (Page 14)
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

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

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

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

Things to Know:

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

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

☒ Electronic Application Submittal
(See application submittal requirements on page 23 of the instructions.)

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

☒ Summary of Application (in Plain Language)

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 INDUSTRIAL WASTEWATER/STORMWATER

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

BNSF Railway Company (CN600276901) operates the BNSF Amarillo Eastern Fueling Facility (RN 102806833), a diesel locomotive refueling facility. The facility is located at Latitude: 35.2035°, Longitude: -101.7604°; North of SE 3rd Avenue at S. Whitaker Rd. And approximately one mile west of Loop 335 (Lakeside Dr.), in Amarillo, Potter County, Texas 79104. This application is for the renewal to discharge wastewater generated from diesel locomotive refueling and light maintenance activities. Wastewater is treated on-site using an oil/water separator followed by a two-cell lined lagoon system. In the event of significant rainfall, excess water may flow into a secondary evaporation lagoon. Any potential discharge from the secondary lagoon would occur via Outfall 001, which leads to a closed playa lake with no outlet. To date, there has been no known discharge from this secondary lagoon..

Discharges from the facility are expected to contain pollutants associated with fueling and maintenance operations, such as oil and grease, total suspended solids (TSS), and petroleum

hydrocarbons (if applicable). However, there has been no known discharge from Outfall 001 to date. In the event that wastewater discharges the water is treated by an oil/water separator and a two-cell lined lagoon system.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

The following information **is required** for all applications for a TLAP or an individual TPDES discharge permit.

For **additional information** or clarification on the requested information, please refer to the Instructions for Completing the Industrial Wastewater Permit Application[1] available on the TCEQ website. Please contact the Industrial Permits Team at 512-239-4671 with any questions about this form.

If more than one outfall is included in the application, provide applicable information for each individual outfall. **If an item does not apply to the facility, enter N/A** to indicate that the item has been considered. Include separate reports or additional sheets as **clearly cross-referenced attachments** and provide the attachment number in the space provided for the item the attachment addresses.

NOTE: This application is for an industrial wastewater permit only. Additional authorizations from the TCEQ Waste Permits Division or the TCEQ Air Permits Division may be needed.

Item 1. Facility/Site Information (Instructions, Page 39)

a. Describe the general nature of the business and type(s) of industrial and commercial activities. Include all applicable SIC codes (up to 4).

The BNSF Amarillo Eastern Fueling Facility is a diesel locomotive refueling facility. Diesel locomotives are refueled, and light routine maintenance is performed. SIC Codes: 4011 & 4013; NAICS Codes: 482111 & 488210

b. Describe all wastewater-generating processes at the facility.

Wastewater (from repair and refueling operations) is collected and transported to an oil/water separator and two-cell lined lagoon system. In the event of significant precipitation, overflow goes to the secondary evaporation lagoon cell. Any discharge from this secondary lagoon would be through an outlet pipe to Outfall 001 which flows to a closed playa lake with no outlet. To date there has not been a known discharge from the secondary lagoon. NOTE: No change in treatment or discharge characteristics have occurred since the last permit renewal.

[1] https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html

c. Provide a list of raw materials, major intermediates, and final products handled at the facility.

Materials List

Raw Materials	Intermediate Products	Final Products
Diesel Fuel	N/A	N/A
Lube Oil	N/A	N/A
Recovered Used Oil	N/A	N/A

Attachment: N/A

d. Attach a facility map (drawn to scale) with the following information:

- Production areas, maintenance areas, materials-handling areas, waste-disposal areas, and water intake structures.
- The location of each unit of the WWTP including the location of wastewater collection sumps, impoundments, outfalls, and sampling points, if significantly different from outfall locations.

Attachment: Attachment A, Figures A-2 and A-3

e. Is this a new permit application for an existing facility?

☐ Yes ☒ No

If **yes**, provide background discussion: Click to enter text.

f. Is/will the treatment facility/disposal site be located above the 100-year frequency flood level.

☒ Yes ☐ No

List source(s) used to determine 100-year frequency flood plain: msc.fema.gov

If **no**, provide the elevation of the 100-year frequency flood plain and describe what protective measures are used/proposed to prevent flooding (including tail water and rainfall run-on controls) of the treatment facility and disposal area: Click to enter text.

Attachment: Attachment A, Figure A-4

g. For **new** or **major amendment** permit applications, will any construction operations result in a discharge of fill material into a water in the state?

☐ Yes ☐ No ☒ N/A (renewal only)

h. If **yes** to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit?

☐ Yes ☐ No

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

If **no**, provide an approximate date of application submittal to the USACE: Click to enter text.

Item 2. Treatment System (Instructions, Page 40)

a. List any physical, chemical, or biological treatment process(es) used/proposed to treat wastewater at this facility. Include a description of each treatment process, starting with initial treatment and finishing with the outfall/point of disposal.

1. Gravity Oil/Water Separator: Wastewater is processed through an oil/water separator. A 15,000-gallon double walled AST temporarily stores separated oil. The separator discharges into a lined lagoon. The separated oil is removed by a certified hauler and recycled.2. Two-Cell Lagoon (in series): The first synthetic-lined cell (approximately 450,000 gallons) includes reserve capacity that provides additional detention time to absorb heavy storm events. The effluent from the separator usually evaporates before reaching the second cell. The second cell (123,000 gallons) has an in-situ clay liner that is designed for evaporation.3. Outfall 001: In the event of a discharge, effluent is released offsite with ultimate flow into a closed playa lake with no outlet. NOTE: Due to the substantial storage volume and effective evaporation provided by the two-cell lagoon system, to date there has never been a discharge from Outfall 001. Existing Monitoring Well BNE-MW1 is sampled annually in accordance with current permit requirements. Results of 2025 sampling are included with this application as Attachment D. No known changes from the two previous renewal applications in 2015 and 2020 have occurred.

b. Attach a flow schematic **with a water balance** showing all sources of water and wastewater flow into the facility, wastewater flow into and from each treatment unit, and wastewater flow to each outfall/point of disposal.

Attachment: Attachment A, Figure A-5

Item 3. Impoundments (Instructions, Page 40)

Does the facility use or plan to use any wastewater impoundments (e.g., lagoons or ponds?)

☒ Yes ☐ No

If **no**, proceed to Item 4. If **yes**, complete **Item 3.a** for **existing** impoundments and **Items 3.a - 3.e** for **new or proposed** impoundments. **NOTE:** See instructions, Pages 40-42, for additional information on the attachments required by Items 3.a – 3.e.

a. Complete the table with the following information for each existing, new, or proposed impoundment. Attach additional copies of the Impoundment Information table, if needed.

Use Designation: Indicate the use designation for each impoundment as Treatment (**T**), Disposal (**D**), Containment (**C**), or Evaporation (**E**).

Associated Outfall Number: Provide an outfall number if a discharge occurs or will occur.

Liner Type: Indicate the liner type as Compacted clay liner (**C**), In-situ clay liner (**I**), Synthetic/plastic/rubber liner (**S**), or Alternate liner (**A**). **NOTE:** See instructions for further detail on liner specifications. If an alternate liner (A) is selected, include an attachment that provides a description of the alternate liner and any additional technical information necessary for an evaluation.

Leak Detection System: If any leak detection systems are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no.

Groundwater Monitoring Wells and Data: If groundwater monitoring wells are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no. Attach any existing groundwater monitoring data.

Dimensions: Provide the dimensions, freeboard, surface area, storage capacity of the impoundments, and the maximum depth (not including freeboard). For impoundments with irregular shapes, submit surface area instead of length and width.

Compliance with 40 CFR Part 257, Subpart D: If the impoundment is required to be in compliance with 40 CFR Part 257, Subpart D, enter **Y** for yes. Otherwise, enter **N** for no.

Date of Construction: Enter the date construction of the impoundment commenced (mm/dd/yy).

Impoundment Information

Parameter	Pond #1	Pond #2	Pond #	Pond #
Use Designation: (T) (D) (C) or (E)	E	E		
Associated Outfall Number		001		
Liner Type (C) (I) (S) or (A)	S	I		
Alt. Liner Attachment Reference				
Leak Detection System, Y/N	Y			
Groundwater Monitoring Wells, Y/N	Y			
Groundwater Monitoring Data Attachment	Y			
Pond Bottom Located Above The Seasonal High-Water Table, Y/N	Y			
Length (ft)	92	135		
Width (ft)	76	75		
Max Depth From Water Surface (ft), Not Including Freeboard	12	3.25		
Freeboard (ft)	4	4.75		
Surface Area (acres)	0.12	0.14		
Storage Capacity (gallons)	265,689	122,992		
40 CFR Part 257, Subpart D, Y/N	N	N		
Date of Construction	Unknown	Unknown		

Attachment: Click to enter text.

The following information (**Items 3.b – 3.e**) is required only for **new or proposed** impoundments.

b. For new or proposed impoundments, attach any available information on the following items. If attached, check **yes** in the appropriate box. Otherwise, check **no** or **not yet designed**.

1. Liner data

☐ Yes ☐ No ☐ Not yet designed

2. Leak detection system or groundwater monitoring data

☐ Yes ☐ No ☐ Not yet designed

3. Groundwater impacts

☐ Yes ☐ No ☐ Not yet designed

NOTE: Item b.3 is required if the bottom of the pond is not above the seasonal high-water table in the shallowest water-bearing zone.

Attachment: Click to enter text.

For TLAP applications: Items 3.c – 3.e are **not required**, continue to Item 4.

c. Attach a USGS map or a color copy of original quality and scale which accurately locates and identifies all known water supply wells and monitor wells within ½-mile of the impoundments.

Attachment: Click to enter text.

d. Attach copies of State Water Well Reports (e.g., driller's logs, completion data, etc.), and data on depths to groundwater for all known water supply wells including a description of how the depths to groundwater were obtained.

Attachment: Click to enter text.

e. Attach information pertaining to the groundwater, soils, geology, pond liner, etc. used to assess the potential for migration of wastes from the impoundments or the potential for contamination of groundwater or surface water.

Attachment: Click to enter text.

Item 4. Outfall/Disposal Method Information (Instructions, Page 42)

Complete the following tables to describe the location and wastewater discharge or disposal operations for each outfall for discharge, and for each point of disposal for TLAP operations.

If there are more outfalls/points of disposal at the facility than the spaces provided, copies of pages 6 and/0r numbered accordingly (i.e., page 6a, 6b, etc.) may be used to provide information on the additional outfalls.

For TLAP applications: Indicate the disposal method and each individual irrigation area **I**, evaporation pond **E**, or subsurface drainage system **S** by providing the appropriate letter designation for the disposal method followed by a numerical designation for each disposal area in the space provided for **Outfall** number (e.g. **E1** for evaporation pond 1, **I2** for irrigation area No. 2, etc.).

Outfall Longitude and Latitude

Outfall No.	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)
001	35.2035˚	-101.7604˚

Outfall Location Description

Outfall No.	Location Description
001	North of SE 3rd Avenue at S. Whitaker Rd., one mile west of Loop 335 (Lakeside Dr.)

Description of Sampling Point(s) (if different from Outfall location)

Outfall No.	Description of sampling point
	Same as outfall location

Outfall Flow Information – Permitted and Proposed

Outfall No.	Permitted Daily Avg Flow (MGD)	Permitted Daily Max Flow (MGD)	Proposed Daily Avg Flow (MGD)	Proposed Daily Max Flow (MGD)	Anticipated Discharge Date (mm/dd/yy)
001	Report	Report	Report	Report	N/A

Outfall Discharge – Method and Measurement

Outfall No.	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
001	N	Y	Estimate

Outfall Discharge – Flow Characteristics

Outfall No.	Intermittent Discharge? Y/N	Continuous Discharge? Y/N	Seasonal Discharge? Y/N	Discharge Duration (hrs/day)	Discharge Duration (days/mo)	Discharge Duration (mo/yr)
001	Y*	N	N			
*See explanation in next section						

Outfall Wastestream Contributions

Outfall No. 001

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Treated stormwater	Zero to variable.	100
Due to the large volume of the evaporation cells and the facility's ability to manage stormwater, the system has never had a discharge to Outfall 001. The lagoon cells have sufficient volumes to allow accumulations of stormwater to evaporate. Any potential discharge would depend on the water levels in the cells at the time of discharge.	See explanation (left).	

Outfall No. N/A

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow

Outfall No. N/A

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow

Attachment: Click to enter text.

Item 5. Blowdown and Once-Through Cooling Water Discharges (Instructions, Page 43)

a. Indicate if the facility currently or proposes to:

☐ Yes ☒ No Use cooling towers that discharge blowdown or other wastestreams

☐ Yes ☒ No Use boilers that discharge blowdown or other wastestreams

☐ Yes ☒ No Discharge once-through cooling water

NOTE: If the facility uses or plans to use cooling towers or once-through cooling water, Item 12 **is required**.

b. If **yes** to any of the above, attach an SDS with the following information for each chemical additive.

- Manufacturers Product Identification Number
- Product use (e.g., biocide, fungicide, corrosion inhibitor, etc.)
- Chemical composition including CASRN for each ingredient
- Classify product as non-persistent, persistent, or bioaccumulative
- Product or active ingredient half-life
- Frequency of product use (e.g., 2 hours/day once every two weeks)
- Product toxicity data specific to fish and aquatic invertebrate organisms
- Concentration of whole product or active ingredient, as appropriate, in wastestream.

In addition to each SDS, attach a summary of the above information for each specific wastestream and the associated chemical additives. Specify which outfalls are affected.

Attachment: Click to enter text.

c. Cooling Towers and Boilers

If the facility currently or proposes to use cooling towers or boilers that discharge blowdown or other wastestreams to the outfall(s), complete the following table.

Cooling Towers and Boilers

Type of Unit	Number of Units	Daily Avg Blowdown (gallons/day)	Daily Max Blowdown (gallons/day)
Cooling Towers			
Boilers			

Item 6. Stormwater Management (Instructions, Page 44)

Will any existing/proposed outfalls discharge stormwater associated with industrial activities, as defined at *40 CFR § 122.26(b)(14)*, commingled with any other wastestream?

☒ Yes ☐ No

If **yes**, briefly describe the industrial processes and activities that occur outdoors or in a manner which may result in exposure of the activities or materials to stormwater: Stormwater from refueling and repair activities flow to the oil water separator system.

Item 7. Domestic Sewage, Sewage Sludge, and Septage Management and Disposal (Instructions, Page 44)

Domestic Sewage - Waste and wastewater from humans or household operations that is discharged to a wastewater collection system or otherwise enters a treatment works.

a. Check the box next to the appropriate method of domestic sewage and domestic sewage sludge treatment or disposal. Complete Worksheet 5.0 or Item 7.b if directed to do so.

☒ Domestic sewage is routed (i.e., connected to or transported to) to a WWTP permitted to receive domestic sewage for treatment, disposal, or both. Complete Item 7.b.

☐ Domestic sewage disposed of by an on-site septic tank and drainfield system. Complete Item 7.b.

☐ Domestic and industrial treatment sludge ARE commingled prior to use or disposal.

☐ Industrial wastewater and domestic sewage are treated separately, and the respective sludge IS NOT commingled prior to sludge use or disposal. Complete Worksheet 5.0.

☐ Facility is a POTW. Complete Worksheet 5.0.

☐ Domestic sewage is not generated on-site.

☐ Other (e.g., portable toilets), specify and Complete Item 7.b: Click to enter text.

b. Provide the name and TCEQ, NPDES, or TPDES Permit No. of the waste-disposal facility which receives the domestic sewage/septage. If hauled by motorized vehicle, provide the name and TCEQ Registration No. of the hauler.

Domestic Sewage Plant/Hauler Name

Plant/Hauler Name	**Permit/Registration No.**
City of Amarillo; Hollywood Road Treatment Plant	TCEQ Permit No. 10392003

Item 8. Improvements or Compliance/Enforcement Requirements (Instructions, Page 45)

a. Is the permittee currently required to meet any implementation schedule for compliance or enforcement?

☐ Yes ☒ No

b. Has the permittee completed or planned for any improvements or construction projects?

☐ Yes ☒ No

c. If **yes** to either 8.a **or** 8.b, provide a brief summary of the requirements and a status update: Click to enter text.

Item 9. Toxicity Testing (Instructions, Page 45)

Have any biological tests for acute or chronic toxicity been made on any of the discharges or on a receiving water in relation to the discharge within the last three years?

☐ Yes ☒ No

If **yes**, identify the tests and describe their purposes: Click to enter text.

Additionally, attach a copy of all tests performed which **have not** been submitted to the TCEQ or EPA. **Attachment:** Click to enter text.

Item 10. Off-Site/Third Party Wastes (Instructions, Page 45)

a. Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-site via land application, or discharge via a permitted outfall?

☐ Yes ☒ No

If **yes**, provide responses to Items 10.b through 10.d below.

If **no**, proceed to Item 11.

b. Attach the following information to the application:

- List of wastes received (including volumes, characterization, and capability with on-site wastes).
- Identify the sources of wastes received (including the legal name and addresses of the generators).
- Description of the relationship of waste source(s) with the facility's activities.

Attachment: Click to enter text.

c. Is or will wastewater from another TCEQ, NPDES, or TPDES permitted facility commingled with this facility's wastewater after final treatment and prior to discharge via the final outfall/point of disposal?

☐ Yes ☐ No

If **yes**, provide the name, address, and TCEQ, NPDES, or TPDES permit number of the contributing facility and a copy of any agreements or contracts relating to this activity.

Attachment: Click to enter text.

d. Is this facility a POTW that accepts/will accept process wastewater from any SIU and has/is required to have an approved pretreatment program under the NPDES/TPDES program?

☐ Yes ☐ No

If **yes**, **Worksheet 6.0** of this application **is required**.

Item 11. Radioactive Materials (Instructions, Page 46)

a. Are/will radioactive materials be mined, used, stored, or processed at this facility?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L.

Radioactive Materials Mined, Used, Stored, or Processed

Radioactive Material Name	Concentration (pCi/L)

b. Does the applicant or anyone at the facility have any knowledge or reason to believe that radioactive materials may be present in the discharge, including naturally occurring radioactive materials in the source waters or on the facility property?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L. Do not include information provided in response to Item 11.a.

Radioactive Materials Present in the Discharge

Radioactive Material Name	Concentration (pCi/L)

Item 12. Cooling Water (Instructions, Page 46)

a. Does the facility use or propose to use water for cooling purposes?

☐ Yes

☒ No

☐ Decommissioned: Click to enter text.

☐ To Be Decommissioned: Click to enter text.

If **yes**, complete Items 12.b thru 12.f. If **no**, stop here.

If **decommissioned**, provide the date operation ceased and stop here.

If to **be decommissioned**, provide the date operation is anticipated to cease and stop here.

b. Cooling water is/will be obtained from a groundwater source (e.g., on-site well).

☐ Yes ☐ No

If **yes**, stop here. If **no**, continue.

c. Cooling Water Supplier

1. Provide the name of the owner(s) and operator(s) for the CWIS that supplies or will supply water for cooling purposes to the facility.

Cooling Water Intake Structure(s) Owner(s) and Operator(s)

CWIS ID				
Owner				
Operator				

2. Cooling water is/will be obtained from a Public Water Supplier (PWS)

☐ No ☐ Yes; PWS No.: Click to enter text.

If **no**, continue. If **yes**, provide the PWS Registration No. and stop here.

3. Cooling water is/will be obtained from a reclaimed water source?

☐ No ☐ Yes; Auth No.: Click to enter text.

If **no**, continue. If **yes**, provide the Reuse Authorization No. and stop here.

4. Cooling water is/will be obtained from an Independent Supplier

☐ No ☐ Yes; AIF: Click to enter text.

If **no**, proceed to Item 12.d. If **yes**, provide the actual intake flow of the Independent Supplier's CWIS that is/will be used to provide water for cooling purposes and proceed.

d. 316(b) General Criteria

1. The CWIS(s) used to provide water for cooling purposes to the facility has or will have a cumulative design intake flow of 2 MGD or greater.

☐ Yes ☐ No

2. At least 25% of the total water withdrawn by the CWIS(s) is/will be used at the facility exclusively for cooling purposes on an annual average basis.

☐ Yes ☐ No

3. The CWIS(s) withdraw(s)/propose(s) to withdraw water for cooling purposes from surface waters that meet the definition of Waters of the United States in *40 CFR § 122.2*.

☐ Yes ☐ No. Explanation: Click to enter text.

If **no**, provide an explanation of how the waterbody does not meet the definition of Waters of the United States in *40 CFR § 122.2*.

If **yes** to all three questions in Item 12.d, the facility **meets** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA. Proceed to **Item 12.f**.

If **no** to any of the questions in Item 12.d, the facility **does not meet** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA; however, a determination is required based upon BPJ. Proceed to **Item 12.e**.

e. The facility does not meet the minimum requirements to be subject to the fill requirements of Section 316(b) **and uses**/proposes **to use cooling towers**.

☐ Yes ☐ No

If **yes**, stop here. If **no**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ.

f. Oil and Gas Exploration and Production

1. The facility is subject to requirements at 40 CFR Part 435, Subparts A or D.

☐ Yes ☐ No

If **yes**, continue. If **no**, skip to Item 12.g.

2. The facility is an existing facility as defined at 40 CFR § 125.92(k) or a new unit at an existing facility as defined at 40 CFR § 125.92(u).

☐ Yes ☐ No

If **yes**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ. If **no**, skip to Item 12.g.3.

g. Compliance Phase and Track Selection

1. Phase I – New facility subject to 40 CFR Part 125, Subpart I

☐ Yes ☐ No

If **yes**, check the box next to the compliance track selection, attach the requested information, and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

☐ Track I – AIF greater than 2 MGD, but less than 10 MGD

- Attach information required by *40 CFR §§ 125.86(b)(2)-(4)*.

☐ Track I – AIF greater than 10 MGD

- Attach information required by *40 CFR § 125.86(b)*.

☐ Track II

- Attach information required by *40 CFR § 125.86(c)*.

Attachment: Click to enter text.

2. Phase II – Existing facility subject to 40 CFR Part 125, Subpart J

☐ Yes ☐ No

If **yes**, complete Worksheets 11.0 through 11.3, as applicable.

3. Phase III – New facility subject to 40 CFR Part 125, Subpart N

☐ Yes ☐ No

If **yes**, check the box next to the compliance track selection and provide the requested information.

☐ Track I – Fixed facility

- Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

☐ Track I – Not a fixed facility

- Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Item 2 (except CWIS latitude/longitude under Item 2.a).

☐ Track II – Fixed facility

- Attach information required by 40 CFR § 125.136(c) and complete Worksheet 11.0, Items 2 and 3.

Attachment: Click to enter text.

Item 13. Permit Change Requests (Instructions, Page 48)

This item is only applicable to existing permitted facilities.

a. Is the facility requesting a **major amendment** of an existing permit?

☐ Yes ☒ No

If **yes**, list each request individually and provide the following information: 1) detailed information regarding the scope of each request and 2) a justification for each request. Attach any supplemental information or additional data to support each request.

Click to enter text.

b. Is the facility requesting any **minor amendments** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

Click to enter text.

c. Is the facility requesting any **minor modifications** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

Click to enter text.

Item 14. Laboratory Accreditation (Instructions, Page 49)

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: Not applicable – No testing performed

Title: Click to enter text.

Signature: _____

Date: _____

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): Not Applicable. There has never been a discharge from outfall 001

b. ☐ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** Click to enter text.

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 001 **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)		Note: To date, there has not been a discharge from 001. In accordance		
CBOD (5-day)		to an email response received from the TCEQ Water Quality Team on		
Chemical oxygen demand		5/21/20, the sampling Requirements		
Total organic carbon		are waived due to the inability to		
Dissolved oxygen		collect a sample with the understanding that Sampling may be required if		
Ammonia nitrogen		and when a discharge occurs. This		
Total suspended solids		waiver was also received as part of the		
Nitrate nitrogen		2005, 2010, 2015 and 2020 permit		
Total organic nitrogen		renewals.		
Total phosphorus				

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Oil and grease				
Total residual chlorine				
Total dissolved solids				
Sulfate				
Chloride				
Fluoride				
Total alkalinity (mg/L as CaCO3)				
Temperature (˚F)				
pH (standard units)				

Table 2 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total					2.5
Antimony, total					5
Arsenic, total					0.5
Barium, total					3
Beryllium, total					0.5
Cadmium, total					1
Chromium, total					3
Chromium, hexavalent					3
Chromium, trivalent					N/A
Copper, total					2
Cyanide, available					2/10
Lead, total					0.5
Mercury, total					0.005/0.0005
Nickel, total					2
Selenium, total					5
Silver, total					0.5
Thallium, total					0.5
Zinc, total					5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Acrylonitrile					50
Anthracene					10
Benzene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane [Dibromochloromethane]					10
Chloroform					10
Chrysene					5
m-Cresol [3-Methylphenol]					10
o-Cresol [2-Methylphenol]					10
p-Cresol [4-Methylphenol]					10
1,2-Dibromoethane					10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]					10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol					---
Fluoride					500
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone					50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene					10
N-Nitrosodiethylamine					20
N-Nitroso-di-n-butylamine					20
Nonylphenol					333
Pentachlorobenzene					20
Pentachlorophenol					5
Phenanthrene					10
Polychlorinated biphenyls (PCBs) (**)					0.2
Pyridine					20
1,2,4,5-Tetrachlorobenzene					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]					10
2,4,5-Trichlorophenol					50
TTHM (Total trihalomethanes)					10
Vinyl chloride					10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1	Sample 2	Sample 3	Sample 4	MAL
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Demeton					0.20
Diazinon					0.5/0.1
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutants	**Believed Present**	**Believed Absent**	**Sample 1 (mg/L)**	**Sample 2 (mg/L)**	**Sample 3 (mg/L)**	**Sample 4 (mg/L)**	**MAL (µg/L)***
Bromide	☐	☐					400
Color (PCU)	☐	☐					—
Nitrate-Nitrite (as N)	☐	☐					—
Sulfide (as S)	☐	☐					—
Sulfite (as SO3)	☐	☐					—
Surfactants	☐	☐					—
Boron, total	☐	☐					20
Cobalt, total	☐	☐					0.3
Iron, total	☐	☐					7
Magnesium, total	☐	☐					20
Manganese, total	☐	☐					0.5
Molybdenum, total	☐	☐					1
Tin, total	☐	☐					5
Titanium, total	☐	☐					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**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 [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
[1,2-Trans-dichloroethene]					
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text.

Samples are (check one): ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	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
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text.

Samples are (check one): ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
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
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [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 Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Nitrobenzene					10
N-Nitrosodimethylamine					50
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text.

Samples are (check one): ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-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

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1232					0.2
PCB 1248					0.2
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

- ☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5
- ☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1
- ☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4
- ☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3
- ☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4
- ☐ hexachlorophene (HCP) CASRN 70-30-4
- ☐ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

- ☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
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	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND APPLICATION OF EFFLUENT

This worksheet **is required** for all applications for a permit to disposal of wastewater by land application (i.e., TLAP)).

Item 1. Type of Disposal System (Instructions, Page 69)

Check the box next to the type of land disposal requested by this application:

- ☐ Irrigation
- ☒ Evaporation
- ☐ Evapotranspiration beds
- ☐ Drip irrigation system
- ☐ Subsurface application
- ☐ Subsurface soils absorption
- ☐ Surface application
- ☒ Other, specify: The permit authorizes discharge via Outfall 001. However, two existing storage/evaporation cells are part of the system. Therefore, this worksheet is completed as part of the application. No changes in size or operation have occurred since last renewal period in 2020.

Item 2. Land Application Area (Instructions, Page 69)

Land Application Area Information

Effluent Application (gallons/day)	Irrigation Acreage (acres)	Describe land use & indicate type(s) of crop(s)	Public Access? (Y/N)
Not Applicable			

Item 3. Annual Cropping Plan (Instructions, Page 69)

Attach the required cropping plan that includes each of the following:

- Cool and warm season plant species
- Breakdown of acreage and percent of total acreage for each crop
- Crop growing season
- Harvesting method/number of harvests
- Minimum/maximum harvest height
- Crop yield goals
- Soils map
- Nitrogen requirements per crop
- Additional fertilizer requirements

- Supplemental watering requirements
- Crop salt tolerances
- Justification for not removing existing vegetation to be irrigated

Attachment: Not Applicable

Item 4. Well and Map Information (Instructions, Page 70)

a. Check each box to confirm the required information is shown and labeled on the attached USGS map:

☒ The exact boundaries of the land application area

☒ On-site buildings

☒ Waste-disposal or treatment facilities

☐ Effluent storage and tailwater control facilities

☐ Buffer zones

☐ All surface waters in the state onsite and within 500 feet of the property boundaries

☒ All water wells within ½-mile of the disposal site, wastewater ponds, or property boundaries

☐ All springs and seeps onsite and within 500 feet of the property boundaries

Attachment: Figure A-1

b. List and cross reference all water wells located on or within 500 feet of the disposal site, wastewater ponds, or property boundaries in the following table. Attach additional pages as necessary to include all of the wells.

Well and Map Information Table

Well ID	Well Use	Producing? Y/N/U	Open, cased, capped, or plugged?	Proposed Best Management Practice
BNE-MW1	GW Monitoring	Y	Cased and capped	

Attachment: Figure A-1 shows the water wells identified by Banks Environmental Data within half mile of the facility. Attachment C lists details compiled by Banks for the identified wells.

c. Groundwater monitoring wells or lysimeters are/will be installed around the land application site or wastewater ponds.

☒ Yes ☐ No

If **yes**, provide the existing/proposed location of the monitoring wells or lysimeters on the site map attached for Item 4.a. Additionally, attach information on the depth of the wells or

lysimeters, sampling schedule, and monitoring parameters for TCEQ review, possible modification, and approval.

Attachment: An existing groundwater monitoring well, BNE-MW1, is present at the site. No State Water Well Report for this well could be found in the State's database. The 2025 GW monitoring data is presented in Attachment D.

d. Attach a short groundwater technical report using *30 TAC § 309.20(a)(4)* as guidance. **Attachment:**

Item 5. Soil Map and Soil Information (Instructions, Page 71)

Check each box to confirm that the following information is attached:

a. ☐ USDA NRCS Soil Survey Map depicting the area to be used for land application with the locations identified by fields and crops.

b. ☐ Breakdown of acreage and percent of total acreage for each soil type.

c. ☐ Copies of laboratory soil analyses. **Attachment:** N/A

Item 6. Effluent Monitoring Data (Instructions, Page 72)

a. Completion of Table 14 **is required** for all **renewal** and **major amendment** applications. Complete the table with monitoring data for the previous two years for all parameters regulated in the current permit. An additional table has been provided with blank headers for parameters regulated in the current permit which are not listed in Table 14.

Table 14 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Date (mo/yr)	Daily Avg Flow (gpd)	BOD5 (mg/L)	TSS (mg/L)	Nitrogen (mg/L)	Conductivity (mmhos/cm)	Total acres irrigated	Hydraulic Application rate (acre-feet/month)
Not Applicable	No Discharge has occurred						

Date (mo/yr)	Daily Avg Flow (gpd)	BOD5 (mg/L)	TSS (mg/L)	Nitrogen (mg/L)	Conductivity (mmhos/cm)	Total acres irrigated	Hydraulic Application rate (acre-feet/month)

b. Use this table to provide effluent analysis for parameters regulated in the current permit which are not listed in Table 14.

Additional Parameter Effluent Analysis

Date (mo/yr)							

Date (mo/yr)							

c. Attach an explanation of all persistent excursions to permitted parameters and corrective actions taken. **Attachment:** N/A

Item 7. Pollutant Analysis (Instructions, Page 72)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): Not Applicable

b. ☐ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Complete Tables 15 and 16.

Table 15 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)				
CBOD (5-day)				
Chemical oxygen demand				
Total organic carbon				
Dissolved oxygen				
Ammonia nitrogen				
Total suspended solids				
Nitrate nitrogen				
Total organic nitrogen				
Total phosphorus				
Oil and grease				
Total residual chlorine				
Total dissolved solids				
Sulfate				
Chloride				
Fluoride				
Total alkalinity (mg/L as CaCO3)				
Temperature (°F)				

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
pH (standard units)				

Table 16 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total					2.5
Antimony, total					5
Arsenic, total					0.5
Barium, total					3
Beryllium, total					0.5
Cadmium, total					1
Chromium, total					3
Chromium, hexavalent					3
Chromium, trivalent					N/A
Copper, total					2
Cyanide, available					2/10
Lead, total					0.5
Mercury, total					0.005/0.0005
Nickel, total					2
Selenium, total					5
Silver, total					0.5
Thallium, total					0.5
Zinc, total					5.0

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND APPLICATION AND APPLICATION

This worksheet **is required** for all applications for a permit to disposal of wastewater by surface land application or evaporation.

Item 1. Edwards Aquifer (Instructions, Page 73)

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

☐ Yes ☒ No

If **no**, proceed to Item 2. If **yes**, complete Items 1.b **and** 1.c.

b. Check the box next to the subchapter applicable to the facility.

☐ 30 TAC Chapter 213, Subchapter A

☐ 30 TAC Chapter 213, Subchapter B

c. If *30 TAC Chapter 213, Subchapter A* applies, attach **either**: 1) a Geologic Assessment (if conducted in accordance with *30 TAC § 213.5*) **or** 2) a report that contains the following:

- A description of the surface geological units within the proposed land application site and wastewater pond area.
- The location and extent of any sensitive recharge features in the land application site and wastewater pond area
- A list of any proposed BMPs to protect the recharge features.

Attachment: Click to enter text.

Item 2. Surface Spray/Irrigation (Instructions, Page 73)

a. Provide the following information on the irrigation operations:

Area under irrigation (acres): Not Applicable

Design application rate (acre-ft/acre/yr): Click to enter text.

Design application frequency (hours/day): Click to enter text.

Design application frequency (days/week): Click to enter text.

Design total nitrogen loading rate (lbs nitrogen/acre/year): 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.

Irrigation efficiency (percent): Click to enter text.

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

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

Curve number: Click to enter text.

Describe the application method and equipment: Click to enter text.

b. Attach a detailed engineering report which includes a water balance, storage volume calculations, and a nitrogen balance. **Attachment:** Click to enter text.

Item 3. Evaporation Ponds (Instructions, Page 74)

a. Daily average effluent flow into ponds: Intermittent gallons per day

b. Attach a separate engineering report of evaporation calculations for average long-term and worst-case critical conditions. **Attachment:** B

Item 4. Evapotranspiration Beds (Instructions, Page 74)

a. Provide the following information on the evapotranspiration beds:

Number of beds: Not Applicable

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

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

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

Storage volume within the beds (include units): Click to enter text.

Description of any lining to protect groundwater: Click to enter text.

b. Attach a certification by a licensed Texas professional engineer that the liner meets TCEQ requirements. **Attachment:** Click to enter text.

c. Attach a separate engineering report with water balance, storage volume calculations, and description of the liner. **Attachment:** Click to enter text.

Item 5. Overland Flow (Instructions, Page 74)

a. Provide the following information on the overland flow:

Area used for application (acres): Not Applicable

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

Design application rate (gpm/foot of slope width): Click to enter text.

Slope length (feet): Click to enter text.

Design BOD5 loading rate (lbs BOD5/acre/day): Click to enter text.

Design application frequency (hours/day): Click to enter text.

Design application frequency (days/week): Click to enter text.

b. Attach a separate engineering report with the method of application and design requirements according to *30 TAC § 217.212*. **Attachment:** Click to enter text.

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: RECEIVING WATERS

This worksheet **is required** for all TPDES permit applications.

Item 1. Domestic Drinking Water Supply (Instructions, Page 80)

a. There is a surface water intake for domestic drinking water supply located within 5 (five) miles downstream from the point/proposed point of discharge.

☐ Yes ☒ No

If **no**, stop here and proceed to Item 2. If **yes**, provide the following information:

1. The legal name of the owner of the drinking water supply intake: Click to enter text.
2. The distance and direction from the outfall to the drinking water supply intake: Click to enter text.

b. Locate and identify the intake on the USGS 7.5-minute topographic map provided for Administrative Report 1.0.

☐ Check this box to confirm the above requested information is provided.

Item 2. Discharge Into Tidally Influenced Waters (Instructions, Page 80)

If the discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.

a. Width of the receiving water at the outfall: Not Applicable feet

b. Are there oyster reefs in the vicinity of the discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the oyster reefs: Click to enter text.

c. Are there sea grasses within the vicinity of the point of discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the grasses: Click to enter text.

Item 3. Classified Segment (Instructions, Page 80)

The discharge is/will be directly into (or within 300 feet of) a classified segment.

☐ Yes ☒ No

If **yes**, stop here and do not complete Items 4 and 5 of this worksheet or Worksheet 4.1.

If **no**, complete Items 4 and 5 and Worksheet 4.1 may be required.

Item 4. Description of Immediate Receiving Waters (Instructions, Page 80)

a. Name of the immediate receiving waters: It should be noted that to date, there has never been a discharge from Outfall 001. A discharge from Outfall 001 would flow to a closed playa lake that is dry approximately 350 days per year. The playa lake is in the watershed of the Upper Prairie Dog Town Fork Red River in Segment 0229 of the Red River Basin.

b. Check the appropriate description of the immediate receiving waters:

☐ Lake or Pond

- Surface area (acres): Click to enter text.
- Average depth of the entire water body (feet): Click to enter text.
- Average depth of water body within a 500-foot radius of the discharge point (feet): Click to enter text.

☐ Man-Made Channel or Ditch

☐ Stream or Creek

☐ Freshwater Swamp or Marsh

☐ Tidal Stream, Bayou, or Marsh

☐ Open Bay

☐ Other, specify:

If **Man-Made Channel or Ditch** or **Stream or Creek** were selected above, provide responses to Items 4.c – 4.g below:

c. For **existing discharges**, check the description below that best characterizes the area **upstream** of the discharge.

For **new discharges**, check the description below that best characterizes the area **downstream** of the discharge.

☐ Intermittent (dry for at least one week during most years)

☐ Intermittent with Perennial Pools (enduring pools containing habitat to maintain aquatic life uses)

☐ Perennial (normally flowing)

Check the source(s) of the information used to characterize the area upstream (existing discharge) or downstream (new discharge):

☐ USGS flow records

☐ personal observation

☐ historical observation by adjacent landowner(s)

☐ other, specify: Click to enter text.

d. List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point: Click to enter text.

e. 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**, describe how: Click to enter text.

f. General observations of the water body during normal dry weather conditions: Click to enter text.

Date and time of observation: Click to enter text.

g. The water body was influenced by stormwater runoff during observations.

☐ Yes ☐ No

If **yes**, describe how: Click to enter text.

Item 5. General Characteristics of Water Body (Instructions, Page 81)

a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply):

☐ oil field activities
☐ agricultural runoff
☐ upstream discharges
☐ urban runoff
☐ septic tanks
☐ other, specify: Not Applicable

b. Uses of water body observed or evidence of such uses (check all that apply):

☐ livestock watering
☐ non-contact recreation
☐ domestic water supply
☐ contact recreation
☐ fishing
☐ industrial water supply
☐ irrigation withdrawal
☐ navigation
☐ picnic/park activities
☐ other, specify: Click to enter text.

c. Description which best describes the aesthetics of the receiving water and the surrounding area (check only one):

☐ **Wilderness:** outstanding natural beauty; usually wooded or un-pastured area: water clarity exceptional

☐ **Natural Area:** trees or native vegetation common; 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

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 7.0: STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES

This worksheet **is required** for all TPDES permit applications requesting individual permit coverage for discharges consisting of **either**: 1) solely of stormwater discharges associated with industrial activities, as defined in *40 CFR § 122.26(b)(14)(i-xi)*, **or** 2) stormwater discharges associated with industrial activities and any of the listed allowable non-stormwater discharges, as defined in the MSGP (TXR05000), Part II, Section A, Item 6.

Discharges of stormwater as defined in *40 CFR § 122.26 (b)(13)* are not required to obtain authorization under a TPDES permit (see exceptions at *40 CFR §§ 122.26(a)(1)* and *(9)*). Authorization for discharge may be required from a local municipal separate storm sewer system.

Item 1. Applicability (Instructions, Page 89)

Do discharges from any of the existing/proposed outfalls consist either 1) solely of stormwater discharges associated with industrial activities **or** 2) stormwater discharges associated with industrial activities and any of the allowable non-stormwater discharges?

☐ Yes ☒ No

If **no**, stop here. If **yes**, proceed as directed.

Item 2. Stormwater Coverage (Instructions, Page 89)

List each existing/proposed stormwater outfall at the facility and indicate which type of authorization covers or is proposed to cover discharges.

Authorization Coverage

Outfall	Authorization under MSGP	Authorized Under Individual Permit
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐

If **all** existing/proposed outfalls which discharge stormwater associated with industrial activities (and any of the allowable non-stormwater discharges) are **authorized under the MSGP**, **stop** here.

If **seeking authorization** for any outfalls which discharge stormwater associated with industrial activities (and any of the allowable non-stormwater discharges) **under an individual permit**, **proceed**.

NOTE: The following information is required for each existing/proposed stormwater outfall for which the facility is seeking individual permit authorization under this application

Item 3. Site Map (Instructions, Page 90)

Attach a site map or maps (drawn to scale) of the entire facility with the following information.

- the location of each stormwater outfall to be covered by the permit
- an outline of the drainage area that is within the facility's boundary and that contributes stormwater to each outfall to be covered by the permit
- connections or discharge points to municipal separate storm sewer systems
- locations of all structures (e.g. buildings, garages, storage tanks)
- structural control devices that are designed to reduce pollution in discharges of stormwater associated with industrial activities
- process wastewater treatment units (including ponds)
- bag house and other air treatment units exposed to stormwater (stormwater runoff, snow melt runoff, and surface runoff and drainage)
- landfills; scrapyards; surface water bodies (including wetlands)
- vehicle and equipment maintenance areas
- physical features of the site that may influence discharges of stormwater associated with industrial activities or contribute a dry weather flow
- locations where spills or leaks of reportable quality (as defined in *30 TAC § 327.4*) have occurred during the three years before this application was submitted to obtain coverage under an individual permit
- processing areas, storage areas, material loading/unloading areas, and other locations where significant materials are exposed to stormwater (stormwater runoff, snow melt runoff, and surface runoff and drainage)

☐ Check the box to confirm all above information was provided on the facility site map(s).

Attachment: Click to enter text.

Item 4. Facility/Site Information (Instructions, Page 90)

a. Provide the area of impervious surface and the total area drained by each stormwater outfall requested for authorization by this permit application.

Impervious Surfaces

Outfall	Area of Impervious Surface (include units)	Total Area Drained (include units)

b. Provide the following local area rainfall information and the source of the information.

Wettest month: Click to enter text.

Average rainfall for wettest month (total inches): Click to enter text.

25-year, 24-hour rainfall (inches): Click to enter text.

Source: Click to enter text.

c. Attach an inventory, or list, of materials currently handled at the facility that may be exposed to precipitation. **Attachment:** Click to enter text.

d. Attach narrative descriptions of the industrial processes and activities involving the materials in the above-listed inventory that occur outdoors or in some manner that may result in exposure of the materials to precipitation or runoff (see instructions for guidance). **Attachment:** Click to enter text.

e. Describe any BMPs and controls the facility uses/proposes to prevent or effectively reduce pollution in stormwater discharges from the facility: Click to enter text.

Item 5. Pollutant Analysis (Instructions, Page 91)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): Click to enter text.

b. ☐ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Complete Table 17 as directed on page 92 of the Instructions.

Table 17 for Outfall No.: Click to enter text.

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled	MAL (mg/L)
pH (standard units)	(max)	—	(min)	—		—
Total suspended solids						—
Chemical oxygen demand						—
Total organic carbon						—
Oil and grease						—
Arsenic, total						0.0005
Barium, total						0.003
Cadmium, total						0.001
Chromium, total						0.003
Chromium, trivalent						—
Chromium, hexavalent						0.003
Copper, total						0.002

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled	MAL (mg/L)
Lead, total						0.0005
Mercury, total						0.000005
Nickel, total						0.002
Selenium, total						0.005
Silver, total						0.0005
Zinc, total						0.005

* Taken during first 30 minutes of storm event

** Flow-weighted composite sample

d. Complete Table 18 as directed on pages 92-94 of the Instructions.

Table 18 for Outfall No.: Click to enter text.

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled

* Taken during first 30 minutes of storm event

** Flow-weighted composite sample

Attachment: Click to enter text.

Item 6. Storm Event Data (Instructions, Page 93)

Provide the following data for the storm event(s) which resulted in the maximum values for the analytical data submitted:

Date of storm event: Click to enter text.

Duration of storm event (minutes): Click to enter text.

Total rainfall during storm event (inches): Click to enter text.

Number of hours the between beginning of the storm measured and the end of the previous measurable storm event (hours): Click to enter text.

Maximum flow rate during rain event (gallons/minute): Click to enter text.

Total stormwater flow from rain event (gallons): Click to enter text.

Provide a description of the method of flow measurement or estimate:

Attachment A

Figure A-1 USGS Topo Map

Figure A-2 Site Boundary / Aerial Map

Figure A-3 Site Layout – Oil/Water Separator System

Figure A-4 FEMA Floodplain Map

Figure A-5 Flow Schematic

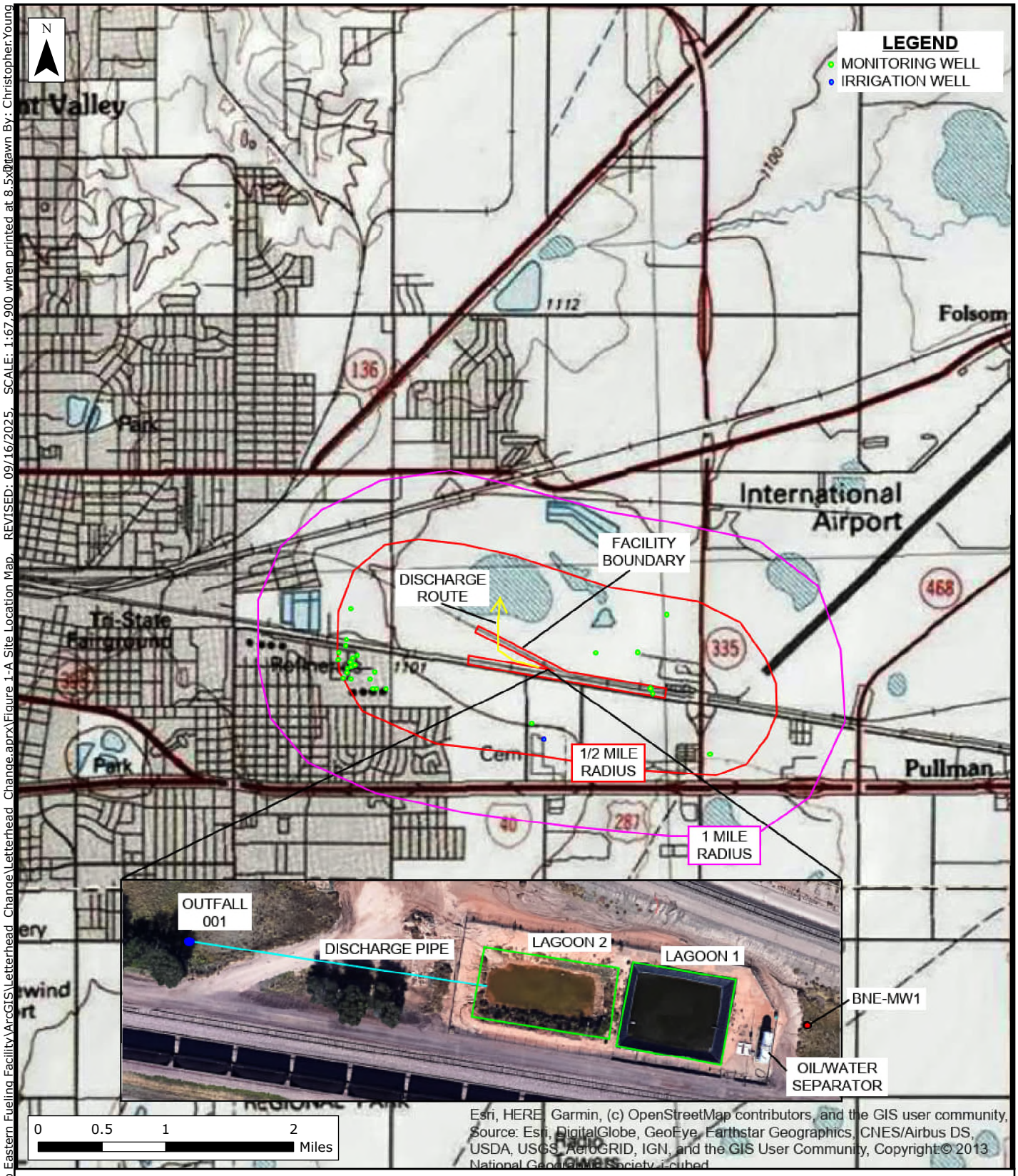
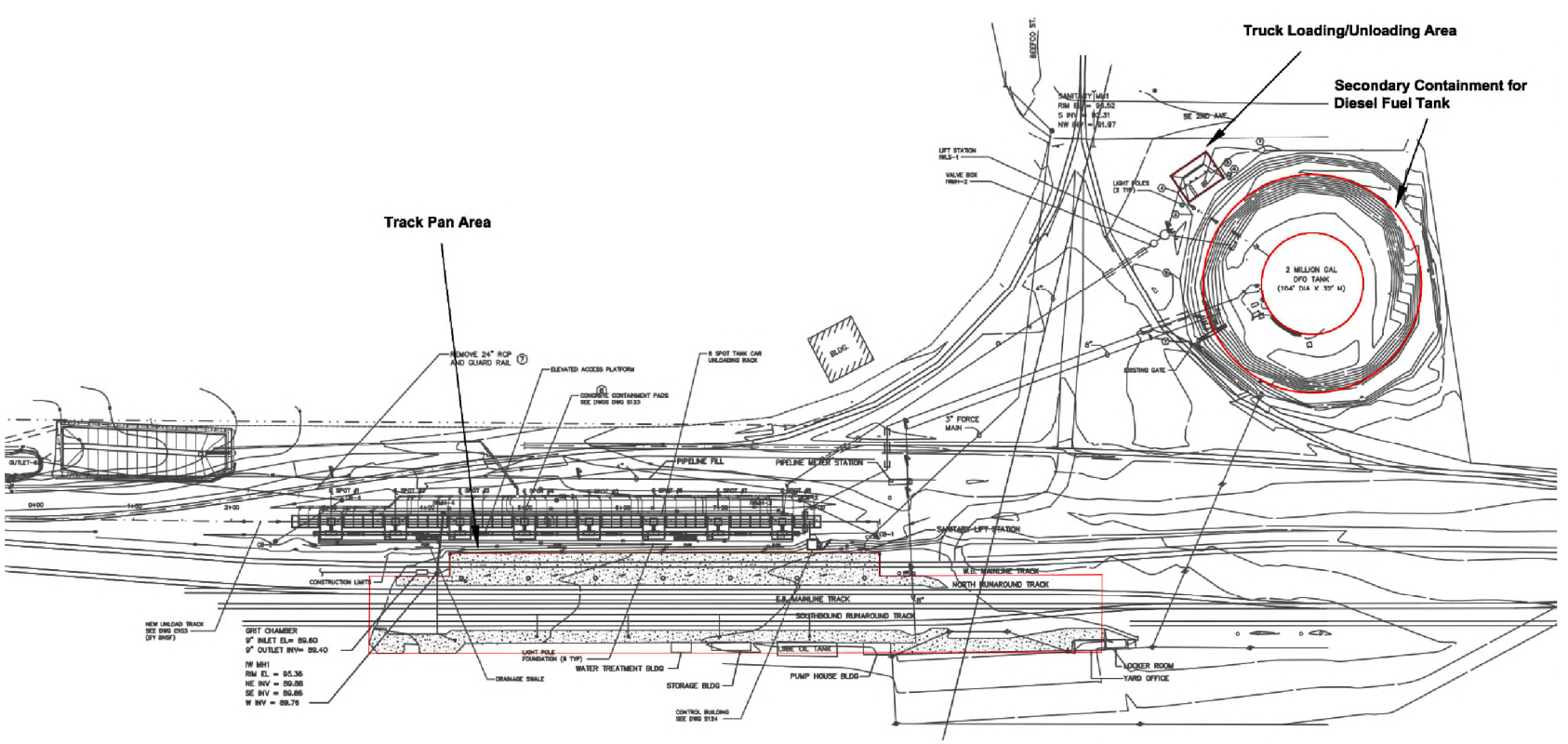


Figure A-1
Site Location Map
BNSF Amarillo Eastern Fueling Facility
TPDES Permit Application
Potter County, Texas

ERM

Source: Esri - World Topoographic Map; WGS 1984 Web Mercator Auxiliary Sphere

M:\US\Projects\A-C\BNSF\Amarillo Eastern Fueling Facility\ArcGIS\Letterhead_Change\Letterhead_Change.aprx\Figure 1-A Site Location Map, REVISED: 09/16/2025, SCALE: 1:67,900 when printed at 8.5x11 Drawn By: Christopher.Young



Fueling Station Areas	Acres	Primary Soil Type	Cover Type
(*) Secondary Containment Area	0.9	Clay and silt 5 to 20 ft	Synthetic Liner
Truck Loading/Unloading Area	0.031	Clay and silt 5 to 20 ft	Concrete
Track Pan Area	1.60	Clay and silt 5 to 20 ft	Concrete
Total Area	**2.5**		

(*) This area is valved, therefore the storm water runoff is controlled and monitored before it is released to the oil/water separator.

GRAPHIC SCALE
0 120' 240'

Figure A-2
Facility Map
BNSF Amarillo Eastern Fueling Facility
TPDES Permit Application
Potter County, Texas

ERM

Notes:
1. Base Map provided by BNSF

Source: ESRI - World Topographic Map; WGS 1984 Web Mercator Auxiliary Sphere

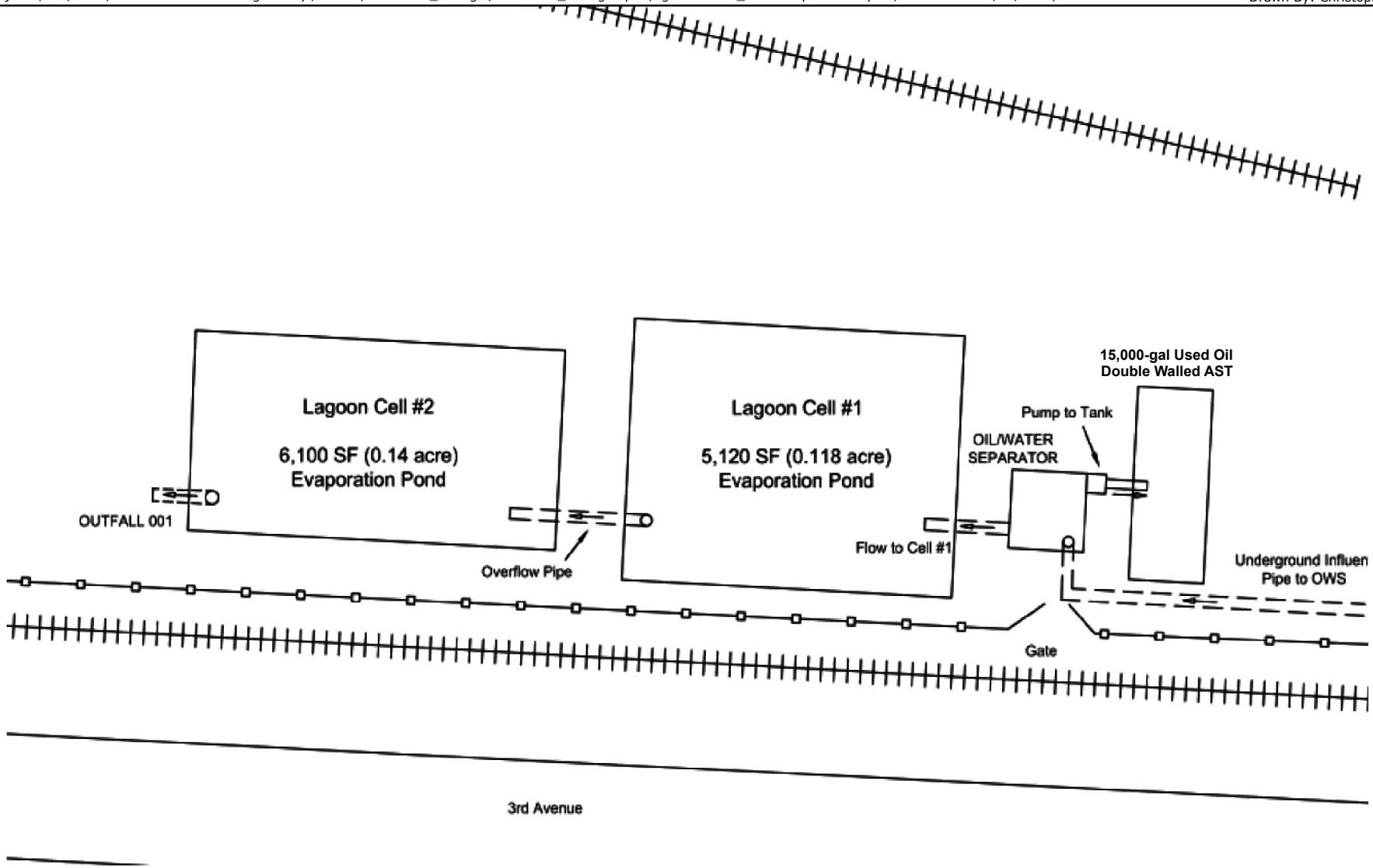


Figure A-3
Oil/Water Separator Layout
BNSF Amarillo Eastern Fueling Facility
TPDES Permit Application
Potter County, Texas

ERM

Source: ESRI - World Topographic Map; WGS 1984 Web Mercator Auxiliary Sphere

M:\US\Projects\A-C\BNSF\Amarillo Eastern Fueling Facility\ArcGIS\Letterhead_Change\Letterhead_Change.aprx\Figure A-4 FEMA Floodplain Map, REVISED: 09/16/2025, Drawn By: Christopher.Young

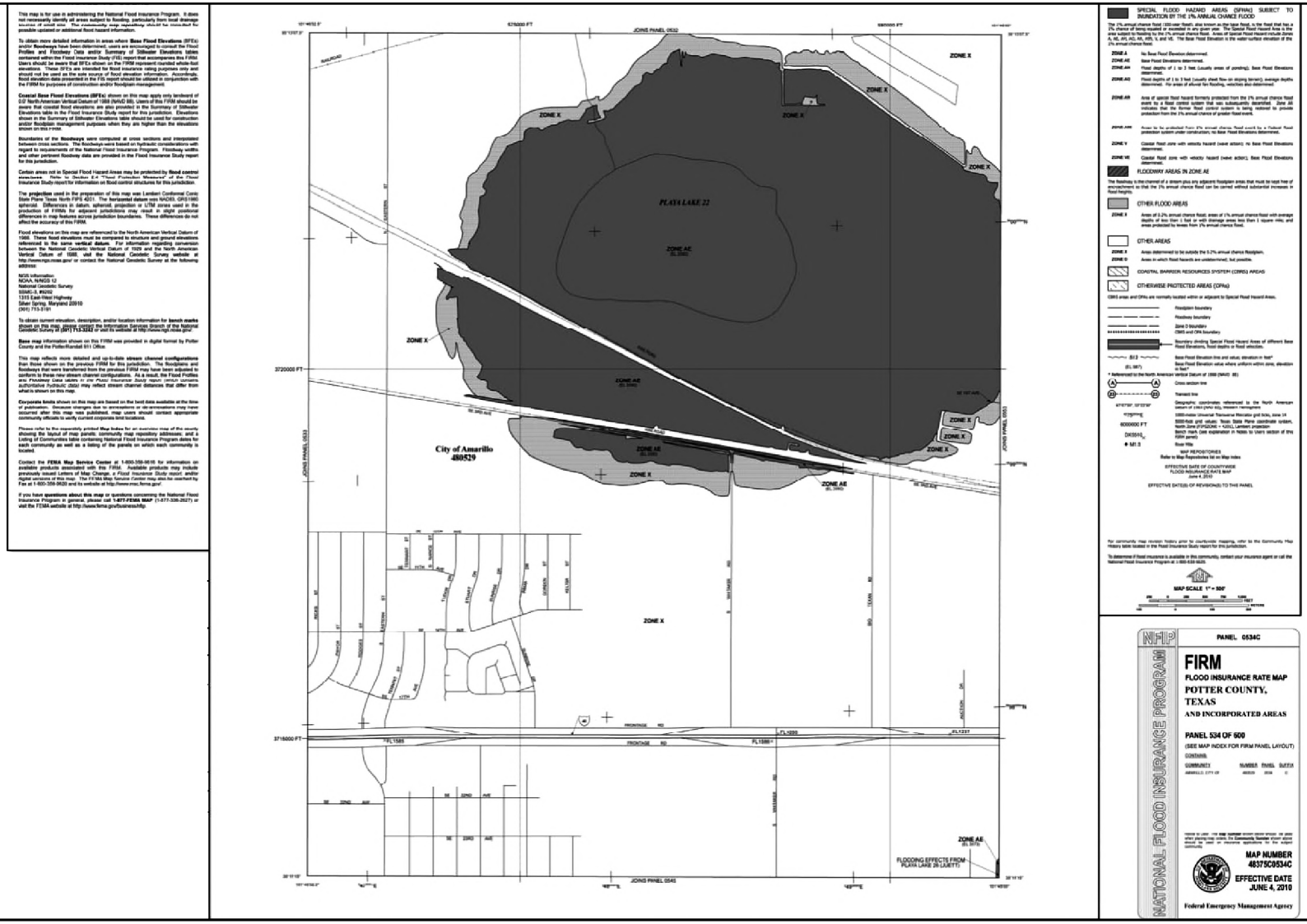
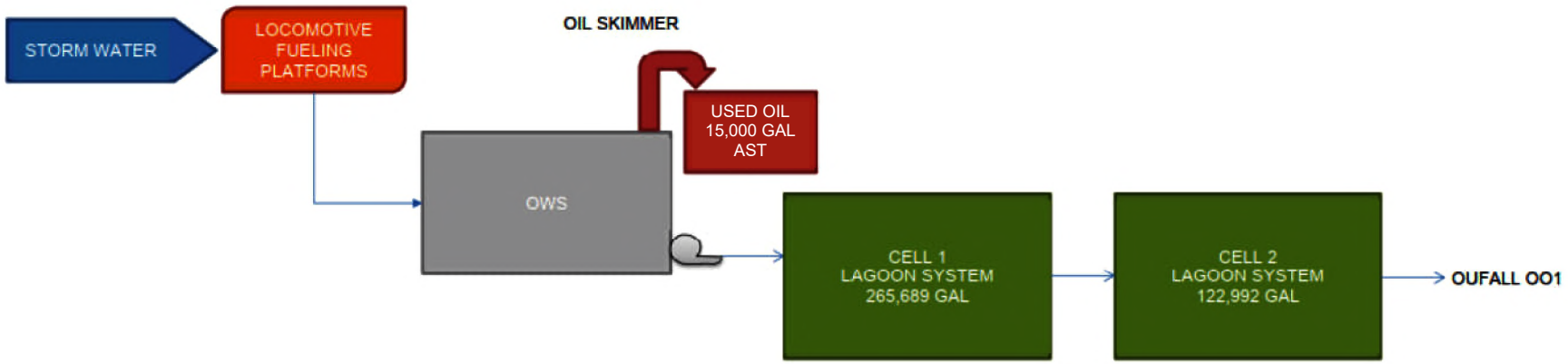


Figure A-4
FEMA Floodplain Map
BNSF Amarillo Eastern Fueling Facility
TPDES Permit Application
Potter County, Texas

ERM

Source: ESRI - World Topographic Map; WGS 1984 Web Mercator Auxiliary Sphere



NOTE: Flow values are highly variable and dependent upon the specific storm event or spill that occurs. The projected flow for a 25-year/24-hour storm event is shown below:

Fueling Station Areas	Acres	Cover Tye
Secondary Containment Area*	0.9 (valved)	Synthetic Liner
Truck Loading/Unloading Area	0.031	Concrete
Truck Pan Area	1.60	Concrete
Total Area	**1.631**	

*The secondary containment area for the diesel fuel tank (0.9 acres) is valved; therefore, the storm water runoff is controlled and monitored before it is released to the oil/water separator and is not included in the discharge case evaluation herein.

Discharge Scenario:

Spill resulting during significant rainfall event:

Process Water (or spill) = 11,500 gal (assumed, same as 2005/2010/2015 renewal applications)
Storm Water = 221,443 gal (using 5-inches, based on precipitation data provided by the National Oceanic and Atmospheric Association)
Total discharge to OWS = 232,943 gal

Assuming Cell 1 is full during the discharge scenario described above, the available storage volume is the freeboard of Cell 1 plus the capacity of Cell 2 (180,477 gal + 122,922 gal) = 303,469 gals

The difference in the storage capacity and conservative discharge scenario (~70,526 gal) leaves ample volume for a storm greater than that described above to occur without causing a discharge. Due to the size of the evaporation cells and the facility's ability to manage storm water, the system has never had a discharge to Outfall 001.

Figure A-5
Flow Schematic
BNSF Amarillo Eastern Fueling Facility
TPDES Permit Application
Potter County, Texas

ERM

Source: ESRI - World Topographic Map; WGS 1984 Web Mercator Auxiliary Sphere

Attachment B

Oil/Water Separator System

Evaporation Pond 1 and Pond 2 Water Volume Calculations

(Note: No change from 2005/2010/2015/2020 Renewal Applications)

POND #1 Volume Calculations

(Note: No change from 2005/2010/2015/2020 Renewal Applications)

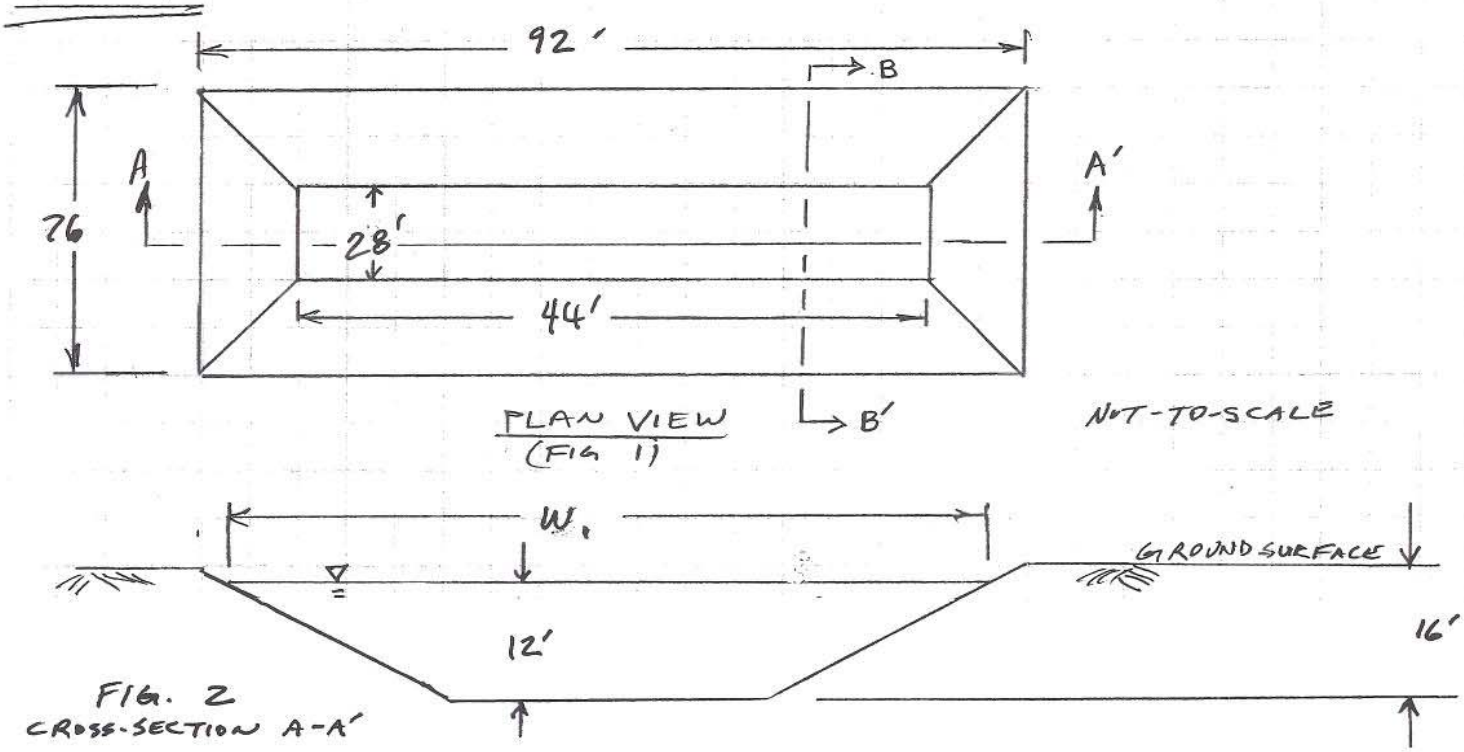
Shaw™ Shaw E & I, Inc.

By MB Date 5/3/05 Subject BNSF AMARILLO EAST Sheet No. 1 of 4

Chkd. By _ Date _ MAX. WATER VOLUME OF POND #1 Proj. No. 114711-0100000

.25 in. X .25 in.

POND #1



PLAN VIEW (FIG 1)

NOT-TO-SCALE

FIG. 2
CROSS-SECTION A-A'

Four feet of freeboard, around the perimeter.

GIVEN: Side-Slopes ... all four sides ⇒ 1.5 : 1

based upon drawings provided by BNSF.

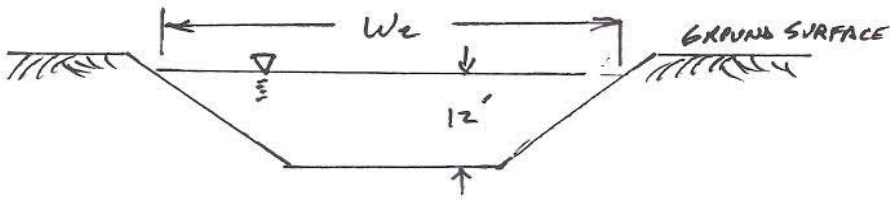


FIG. 3
CROSS-SECTION B-B'

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By MB Date 5/3/05 Subject BNSF AMARILLO EAST Sheet No. 2 of 4

Chkd. By ___ Date ___ MAX WATER VOLUME OF POND #1 Proj. No. 114711-01000000

.25 in. X .25 in.

CALCULATION OF WATER VOLUME @ 12.0 FEET OF WATER DEPTH

SOLVING FOR W_1 IN CROSS-SECTION A-A'; WHERE SLOPE = 1.5 : 1

NOTE: FREEBOARD NOT SHOWN

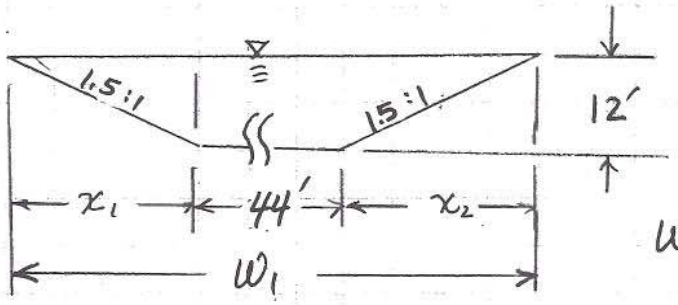

FIG. 4

Let: $X_1 = X_2$

$X_1/12' = 1.5 \quad \therefore X_1 = X_2 = 18'$

$W_1 = 18' + 44' + 18' = 80'$

SOLVING FOR W_2 IN CROSS-SECTION B-B'; WHERE SLOPE = 1.5 : 1

- ASSUME A SIMILAR DIAGRAM TO FIGURE 4

Let $X_1 = X_2 \quad X_1/12 = 1.5 \quad X_1 = 18.0' \quad \therefore W_2 = 18' + 28' + 18' = 64'$

→ THEREFORE THE SURFACE AREA OF THE POND WATER @ 12' DEPTH = B

$80' \times 64' = 5{,}120\ ft^2 = 0.12$ acres

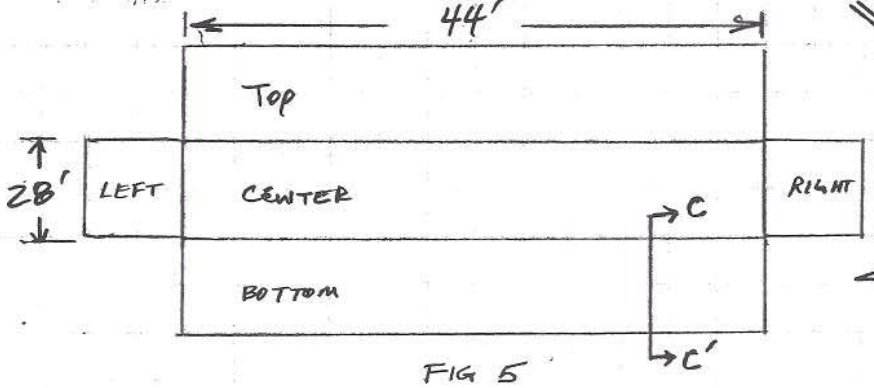

FIG 5

PLAN VIEW OF POND 2 WITHOUT CORNERS AND WITHOUT FREEBOARD

← NOTE: CROSS-SECTION C-C' IS TYPICAL OF THE FOUR SIDES OF THE POND (IE., TOP, BOTTOM, LEFT, & RIGHT). THIS TYPICAL CROSS-SECTION IS SHOWN IN FIG. 6.

FOR THE PURPOSE OF WATER VOLUME CALCULATION NOTE THE NAME DESIGNATIONS FOR EACH PORTION OF THE POND. THE VOLUME OF THE CORNERS ARE ADDRESSED LATER.

Shaw™ Shaw E & I, Inc.

By MB Date 5/3/05 Subject BNSF AMARILLO EAST Sheet No. 3 of 4

Chkd. By Date MAX WATER VOLUME OF POND #1 Proj. No. 114711-0100000

.25 in. X .25 in.

VOLUME (CENTER) = 44' x 28 x 12' = 14,784 ft³

VOLUME (TOP) = VOLUME (BOTTOM) = [(18.0' x 12') / 2] x 44' = 4,752 ft³

(length of the pond bottom)

(as determined on page 2)

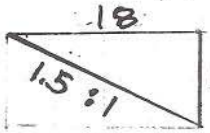

Fig 6

VOLUME (LEFT) = VOLUME (RIGHT) = [(18.0' x 12) / 2] x 28' = 3,024 ft³

(width of the pond bottom)

→ VOLUME OF WATER IN THE POND, NOT INCLUDING THE CORNERS =

14,784 + 2(4,752) + 2(3,024) = 30,336 ft³

(@ 7.48 gal / ft³) ⇒ 226,913.3 gallons

SOLVING FOR THE VOLUME OF WATER THAT OCCUPY THE CORNERS OF THE POND.

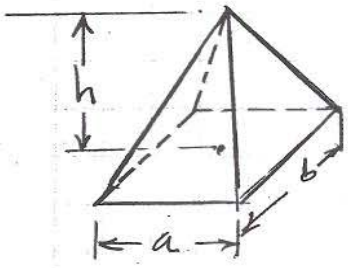

Fig. 7

← THIS is THE SHAPE OF A PYRAMID, IT HAS FOUR EQUAL TRIANGULAR SIDES AND A FLAT SQUARE BASE.

← VOLUME (PYRAMID) = $\left(\frac{\text{Area} \times h}{3}\right)$; where AREA = a x b

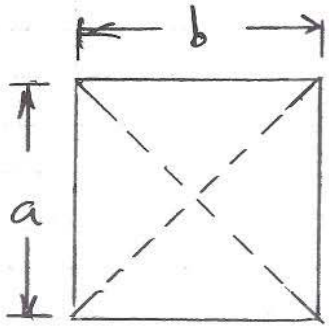

Fig 8

← THIS IS A PLAN VIEW OF AN INVERTED PYRAMID

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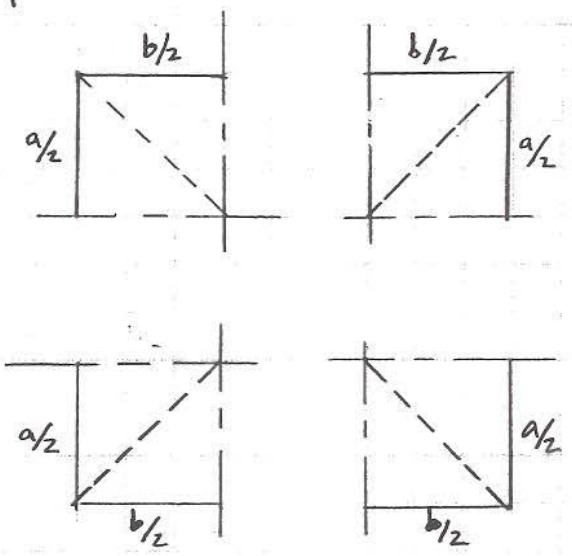
By MB Date 5/3/05 Subject BNSF AMARILLO EAST Sheet No. 4 of 4

Chkd. By ___ Date ___ MAX WATER VOLUME OF POND #1 Proj. No. 114711-01000000

.25 in. X .25 in.

Fig. 9



← THIS IS AN "EXPLODED" PLAN VIEW OF THE INVERTED PYRAMID SHOWN IN FIG. 8. NOTE HOW THE "CORNERS" OF THE EXPLODED VIEW CORRESPOND TO THE CORNERS THAT WERE EXCLUDED FROM THE PLAN VIEW OF THE POND SHOWN IN FIG. 5.

LET $a/2 = b/2 = 18.0'$ ← [calculated as $x_1 = x_2$ in Fig. 4]

∴ THEREFORE THE VOLUME OF THE WATER IN THE CORNERS OF THE POND EQUALS:

$\frac{\text{AREA} \times h}{3}$; where $h = 12'$ & $\text{Area} = \left\{\left[2\left(\frac{a}{2}\right)\right] \times \left[2\left(\frac{b}{2}\right)\right] \times h\right\}/3$

$(2(18.0) \times 2(18.0) \times 12')/3 = 5{,}184\ ft^3$

$(@\ 7.48\ gal/ft^3) \Rightarrow 38{,}776.3$ gallons

THEREFORE: THE TOTAL WATER VOLUME IN POND @ A DEPTH OF 5 FEET =

$(226{,}913.3 + 38{,}776.3) = 265{,}689.6$ gallons

↖ (from page 3)

Pond #2 Volume Calculations

(Note: No change from 2005/2010/2015/2020 Renewal Applications)

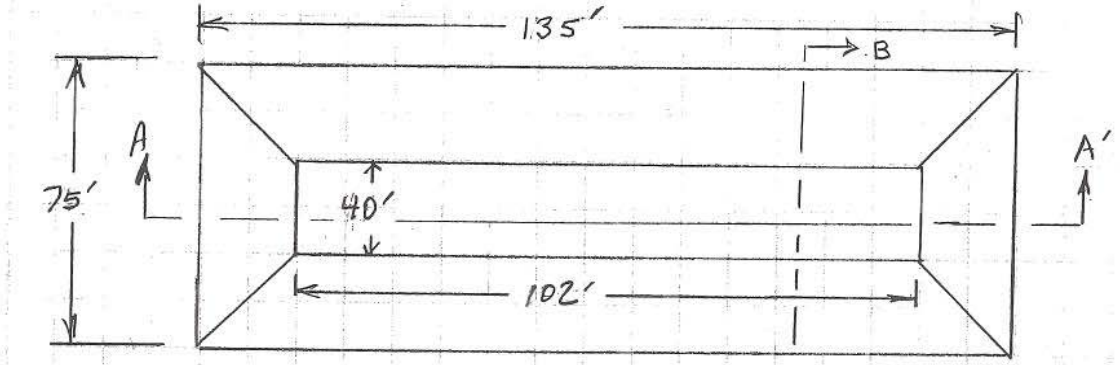
Shaw™ Shaw E & I, Inc.

By MB Date 5/4/05 Subject BNSF AMARILLO EAST Sheet No. 1 of 4

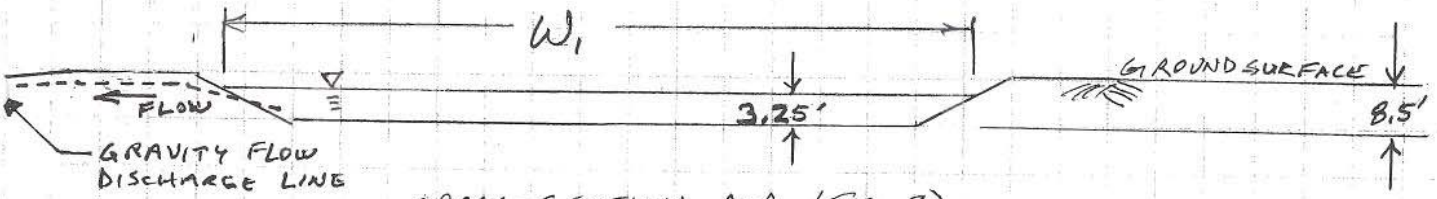
Chkd. By _ Date _ MAX. WATER VOLUME OF POND 2 Proj. No. 114711-01000000

.25 in. X .25 in.

POND 2



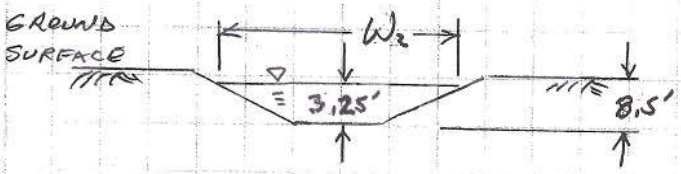
PLAN VIEW (FIG 1) NOT-TO-SCALE



CROSS-SECTION A-A (FIG. 2)

* ASSUME THAT THERE IS AN ALLOWABLE 7.75 ft OF FREEBOARD THIS IS BASED UPON DRAWINGS PROVIDED BY BNSF, WHERE THE BOTTOM OF THE OUTFALL PIPE IS 3.25 ft (39 inches) ABOVE THE BOTTOM OF THE POND 2.

* THE BNSF DRAWINGS ALSO INDICATE THAT THE AVERAGE SIDE SLOPES FOR THIS POND ARE 2:1. (SEE ATTACHED PHOTO COPY)



CROSS-SECTION B-B' (FIG. 3)

Shaw™ Shaw E & I, Inc.

By MB Date 5/4/05 Subject BNSF AMARILLO EAST Sheet No. 2 of 4

Chkd. By ___ Date ___ MAX WATER VOLUME OF POND 2 Proj. No. 114711-01000000

.25 in. X .25 in.

CALCULATION OF WATER VOLUME @ 0.75-FEET OF WATER DEPTH

SOLVING FOR W_1 IN CROSS-SECTION A-A' ; WHERE SLOPE = 2:1.

NOTE: FREEBOARD NOT SHOWN

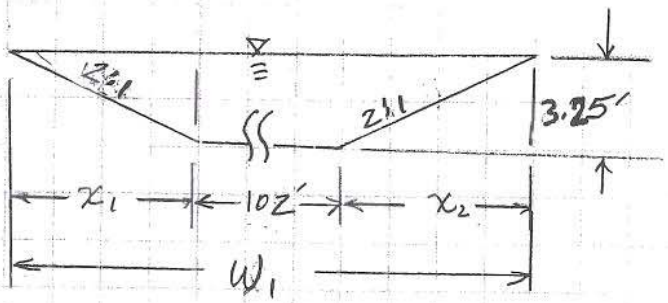


FIG. 4

Let: $X_1 = X_2$

$X_1 / 3.25 = 2$ $\therefore X_1 = X_2 = 6.5$

$W_1 = 6.5' + 10Z' + 6.5' = 115'$

SOLVING FOR W_2 IN CROSS-SECTION B-B' ; WHERE SLOPE = 2:1

- ASSUME A SIMILAR DIAGRAM TO FIGURE 4

Let $X_1 = X_2$ $X_1 / 3.25 = 2$ $X_1 = 6.5$ $\therefore W_2 = 6.5' + 40' + 6.5' = 53'$

→ THEREFORE THE SURFACE AREA OF THE POND WATER @ 3.25' DEPTH =

$115' \times 53' =$

$6,095. ft^2 =$

0.140 acres

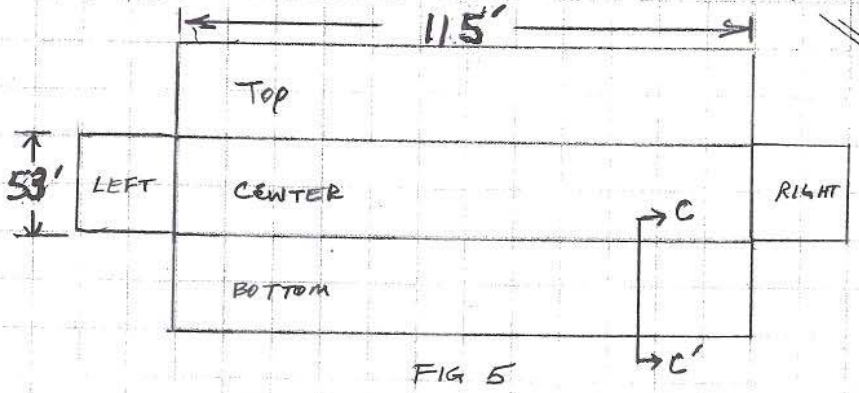


FIG 5

PLAN VIEW OF POND 2 WITHOUT CORNERS AND WITHOUT FREEBOARD

NOTE: CROSS-SECTION C-C' IS TYPICAL OF THE FOUR SIDES OF THE POND (IE.; TOP, BOTTOM, LEFT, & RIGHT). THIS TYPICAL CROSS-SECTION IS SHOWN IN FIG 6.

- FOR THE PURPOSE OF WATER VOLUME CALCULATION NOTE THE NAME DESIGNATIONS FOR EACH PORTION OF THE POND. THE VOLUME OF THE CORNERS ARE ADDRESSED LATER.

Shaw™ Shaw E & I, Inc.

By MB Date 5/4/05 Subject BNSF AMARILLO EAST Sheet No. 3 of 4

Chkd. By Date MAX WATER VOLUME OF POND 2 Proj. No. 114711-01000000

.25 in. X .25 in.

VOLUME (CENTER) = 102' X 40' X 3.25' = 13,260 ft³

VOLUME (TOP) = VOLUME (BOTTOM) = (length of the pond bottom)

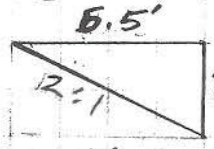


Fig 6

[(6.5' X 3.25')/2] X 102' = 1,077.38 ft³

(as determined on page 2)

VOLUME (LEFT) = VOLUME (RIGHT) = [(6.5 X 3.25)/2] X 40 = 422.5 ft³

(width of the pond bottom)

→ VOLUME OF WATER IN THE POND, NOT INCLUDING THE CORNERS =

13,260. + 2(1,077.38) + 2(422.5') = 16,259.76 ft³

(@ 7.48 gal/ft³) ⇒ 121,623.0 gallons

SOLVING FOR THE VOLUME OF WATER THAT OCCUPY THE CORNERS OF THE POND.

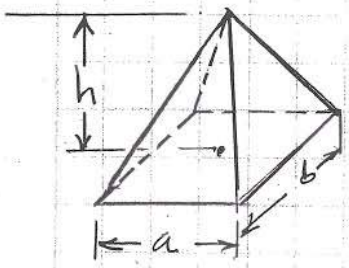


Fig. 7

← THIS IS THE SHAPE OF A PYRAMID, IT HAS FOUR EQUAL TRIANGULAR SIDES AND A FLAT SQUARE BASE.

← VOLUME (PYRAMID) = $\left(\frac{\text{Area} \times h}{3}\right)$; where AREA = a x b

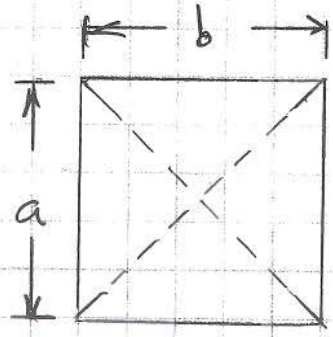


Fig 8

← THIS IS A PLAN VIEW OF AN INVERTED PYRAMID

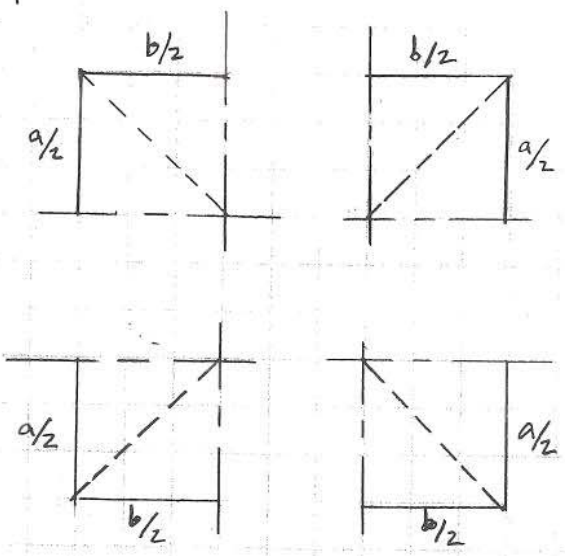
Shaw™ Shaw E & I, Inc.

By MB Date 5/4/05 Subject BNSF AMARILLO EAST Sheet No. 4 of 4

Chkd. By ___ Date ___ MAX WATER VOLUME OF POND 2 Proj. No. 114711-01000000

.25 in. X .25 in.

Fig. 9



← THIS IS AN "EXPLODED" PLAN VIEW OF THE INVERTED PYRAMID SHOWN IN FIG. 8. NOTE HOW THE "CORNERS" OF THE EXPLODED VIEW CORRESPOND TO THE CORNERS THAT WERE EXCLUDED FROM THE PLAN VIEW OF THE POND SHOWN IN FIG. 5.

LET $a/2 = b/2 = 6.5'$ ← [calculated as $x_1 = x_2$ in Fig. 4]

∴ THEREFORE THE VOLUME OF THE WATER IN THE CORNERS OF THE POND EQUALS:

$\frac{\text{AREA} \times h}{3}$; where $h =$. $\frac{1}{4}$ Area $= \left\{\left[2\left(\frac{a}{2}\right)\right] \times \left[2\left(\frac{b}{2}\right)\right] \times h\right\} / 3$

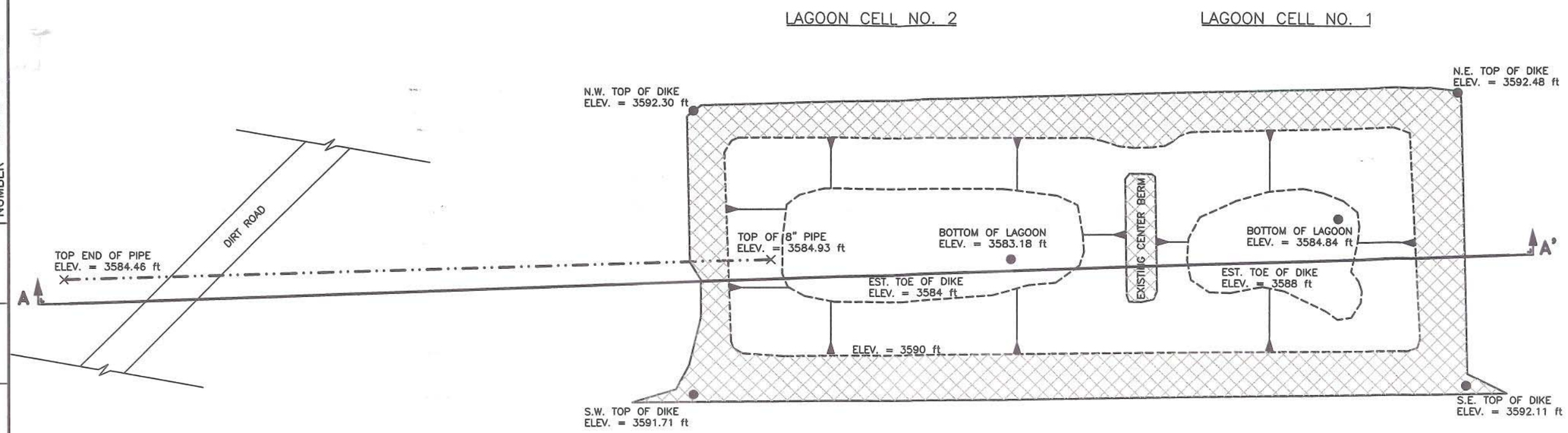
$(2(6.5') \times 2(6.5') \times 3.25) / 3 = 183.1\ ft^3$

$(@\ 7.48\ gal/ft^3) \Rightarrow 1,369.46$ gallons

THEREFORE: THE TOTAL WATER VOLUME IN POND 2 @ A DEPTH OF 3.25 FEET =

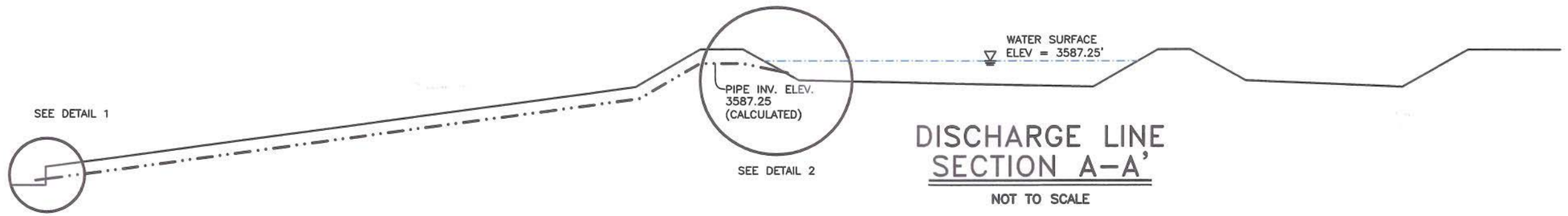
$(121,623.0 + 1,369.46) = 122,992.4$ gallons

↑ (from page 3)



LAGOONS AND EFFLUENT LINE PLAN

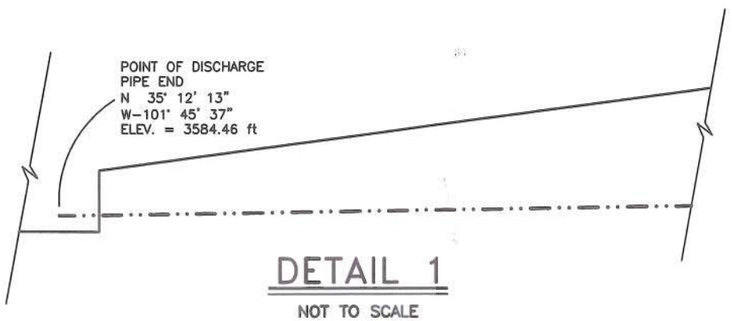
SCALE: 1" = 40'-0"



DISCHARGE LINE SECTION A–A'

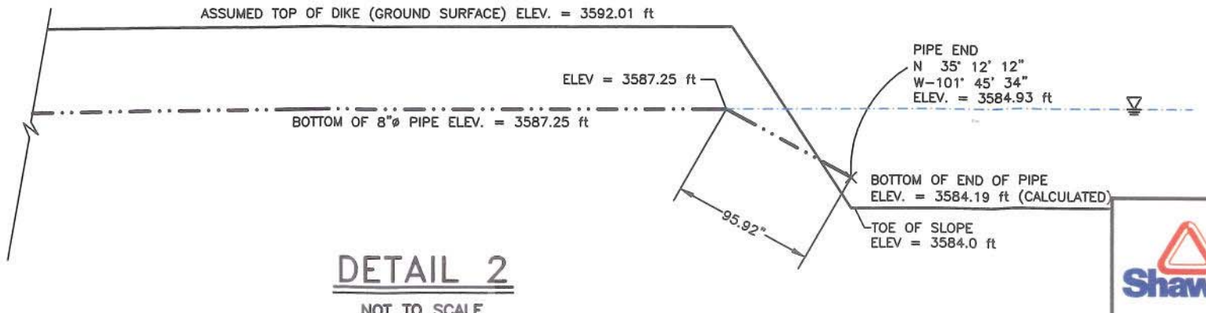
NOT TO SCALE

NOTE:
THE DEPTH OF WATER IN POND 2 WILL REACH 3.25 ft BEFORE IT WILL BEGIN TO FLOW INTO THE DISCHARGE LINE. AT THIS DEPTH, THE POND CAPACITY WILL REACH APPROXIMATELY 122,932 GALLONS.



DETAIL 1

NOT TO SCALE



DETAIL 2

NOT TO SCALE

Shaw

AMARILLO EASTERN
FUELING FACILITY

FIGURE 1

ROUTING OF DISCHARGE LINE

AMARILLO, TEXAS

DRAWING NUMBER	114711-B1
APPROVED BY	
CHECKED BY	
DRAWN BY	D. DAY 7/1/05
OFFICE	HOUSTON, TX
X-REF	---
IMAGE	---

PLOT DATE: 7/19/05
FORMAT REVISION 7/15/03

Attachment C

Water Well Details from

Banks Environmental Data

Water Well Search

Prepared for:
ENVIRONMENTAL RESOURCES MANAGEMENT - Austin
12000 S IH 35 Frontage Rd.
Austin, TX 78747

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Regulatory Database Report

ASTM E1527-21/AAI Compliant

BNSF East Amarillo Yard

North of SE 3RD Avenue, ~0.25 miles west of Lakeside Drive

Amarillo, TX 79101

Potter County

ES-146510

Wednesday, October 01, 2025

Banks Environmental Data, Inc. - PO Box 12851 - Austin, TX 78711 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Table of Contents

Geographic Summary

Location
Potter County, TX
Subject property is 32.00 acres, 0.050 square miles, and has a 2.13 mile perimeter

Coordinates (centroid)	
Lat/Long in Degrees Minutes Seconds	35° 12' 11.39", -101° 45' 14.59"
Lat/Long in Decimal Degrees	35.203164795137, -101.754051908266
X/Y in NAD83 / UTM Zone 14N	249275.9176404185, 3899048.9120393703

Elevation (centroid)
Subject Property lies 3591.57 feet above sea level.

Zip Codes Searched	
Search Distance	**Zip Codes**
Subject Property	79107
0.25 miles	79111, 79108, 79104, 79107, 79118
0.5 miles	79111, 79108, 79104, 79107, 79118
1.0 miles	79111, 79108, 79104, 79107, 79118

Topos Searched	
Search Distance	**Topo Name**
Subject Property	Pullman (1973), Amarillo East (1973)
0.25 miles	Pullman (1973), Amarillo East (1973)
0.5 miles	Pullman (1973), Amarillo East (1973)
1.0 miles	Pullman (1973), Amarillo East (1973)

Dataset Summary

Datasets Searched	Distance	Mapped	Unmapped	Total
Federal - ASTM 1527-21/AAI Required				
CERCLIS (CER)	0.5	0	0	0
CERCLIS - Delisted National Priority List (CER DNPL)	0.5	0	0	0
CERCLIS - No Further Remedial Action Planned (CER NFRAP)	0.5	0	0	0
CERCLIS - National Priority List (CER NPL)	1.0	0	0	0
Dry Cleaner (DRYC)	0.25	0	0	0
Emergency Response Notification System (ERNS)	0.25	0	4	4
Federal Brownfield (FED BF)	0.5	0	0	0
Federal Engineering Control (FED EC)	0.25	0	0	0
Federal Institutional Control (FED IC)	0.25	0	0	0
PFAS Contamination (PFAS)	0.25	0	0	0
RCRA (RCRA)	0.25	1	2	3
RCRA - Corrective Actions (RCRA COR)	1.0	0	0	0
RCRA - Large Quantity Generators (RCRA LQG)	0.25	0	0	0
RCRA - Small Quantity Generators (RCRA SQG)	0.25	1	0	1
RCRA - Treatment, Storage, Disposal (RCRA TSD)	0.5	0	0	0
RCRA - Very Small Quantity Generators (RCRA VSG)	0.25	0	0	0
Tribal - ASTM 1527-21/AAI Required				
Tribal Region 6 - Leaking Petroleum Storage Tank (LPST)	0.5	0	0	0
Tribal Region 6 - Petroleum Storage Tank (PST)	0.25	0	0	0
State - ASTM 1527-21/AAI Required				
Affected Property (AP)	0.25	0	0	0

Dataset Summary

State Brownfield (BF)		0.5	0	0	0
Dry Cleaner (DRYC)		0.25	0	0	0
State Engineering Control (EC)		0.25	0	0	0
Hazardous Waste (HW)		0.5	5	8	13
Hazardous Waste Corrective Action (HW COR)		0.5	0	0	0
State Institutional Control (IC)		0.25	0	0	0
Leaking Petroleum Storage Tank (LPST)		0.5	2	0	2
Municipal Setting Designation (MSD)		0.25	0	0	0
Petroleum Storage Tank (PST)		0.25	3	15	18
Regulatory Notices and Violations (REG)		0.25	1	0	1
Spill (SPILL)		0.25	0	8	8
State National Priority List (ST PL)		1.0	0	0	0
Solid Waste (SW)		0.5	0	4	4
Voluntary Cleanup Program (VCP)		0.5	0	0	0
Local - Non-ASTM 1527-21/AAI Required					
Leaking Petroleum Storage Tank (LPST)		0.5	0	0	0
Petroleum Storage Tank (PST)		0.25	0	0	0
Total Sites Found			**13**	**41**	**54**

Summary Map - 0.25 Mile Radius

BNSF East Amarillo Yard

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

RCRA,RCRA SQG,PST,REG

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

HW,LPST

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

- Subject Site
- Search Buffer

0' 750' 1500'

1:13500
1 in = 1125 ft
1 in = 0.213 mi
1 cm = 135 m
1 cm = 0.135 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Summary Map - 0.5 Mile Radius

BNSF East Amarillo Yard

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

RCRA,RCRA SQG,PST,REG

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

HW,LPST

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

- Subject Site
- Search Buffer

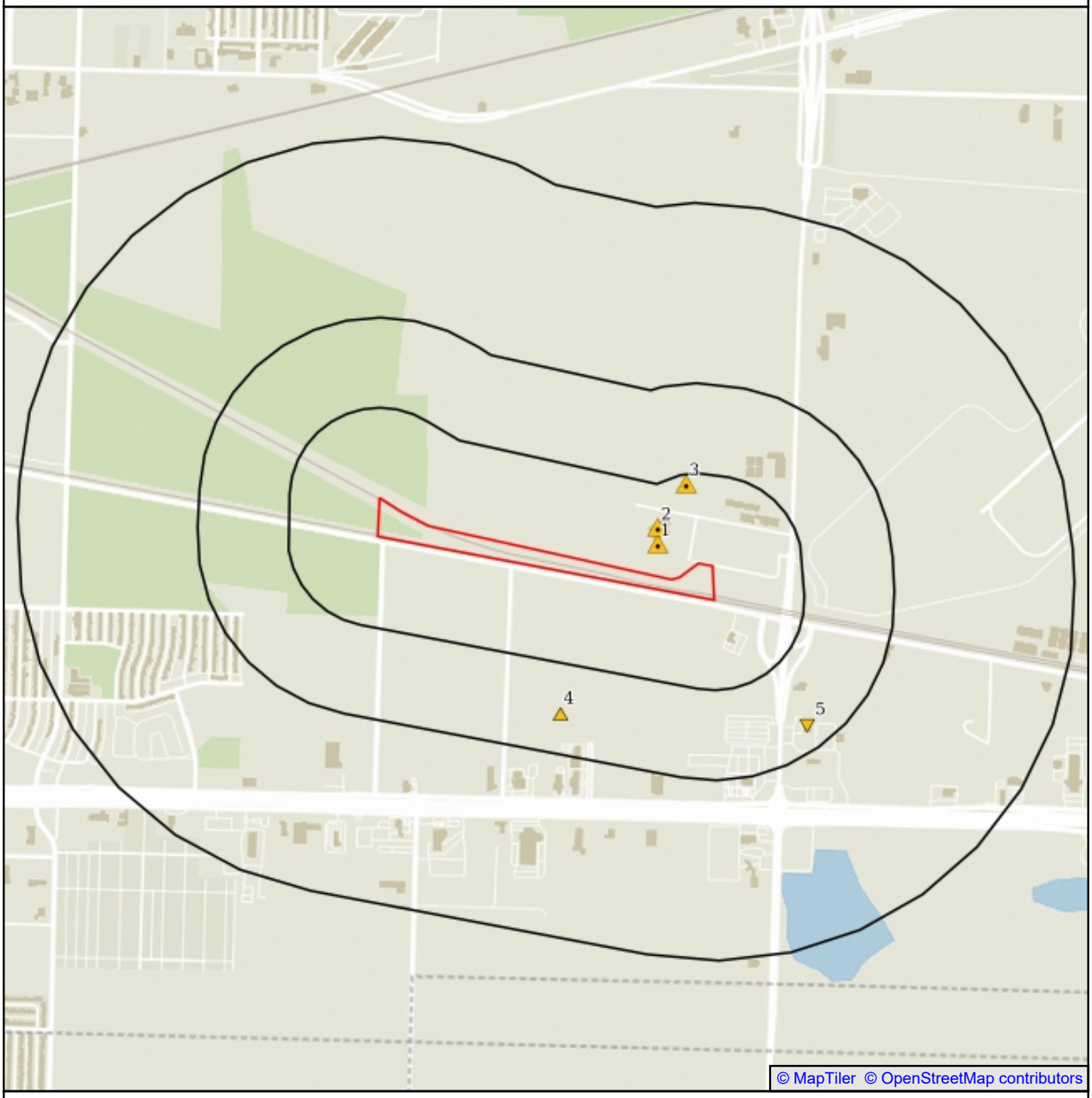
0' 917' 1833'

1:16500
1 in = 1375 ft
1 in = 0.260 mi
1 cm = 165 m
1 cm = 0.165 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Summary Map - 1.0 Mile Radius



BNSF East Amarillo Yard

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

RCRA,RCRA SQG,PST,REG

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

HW,LPST

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

- Subject Site
- Search Buffer

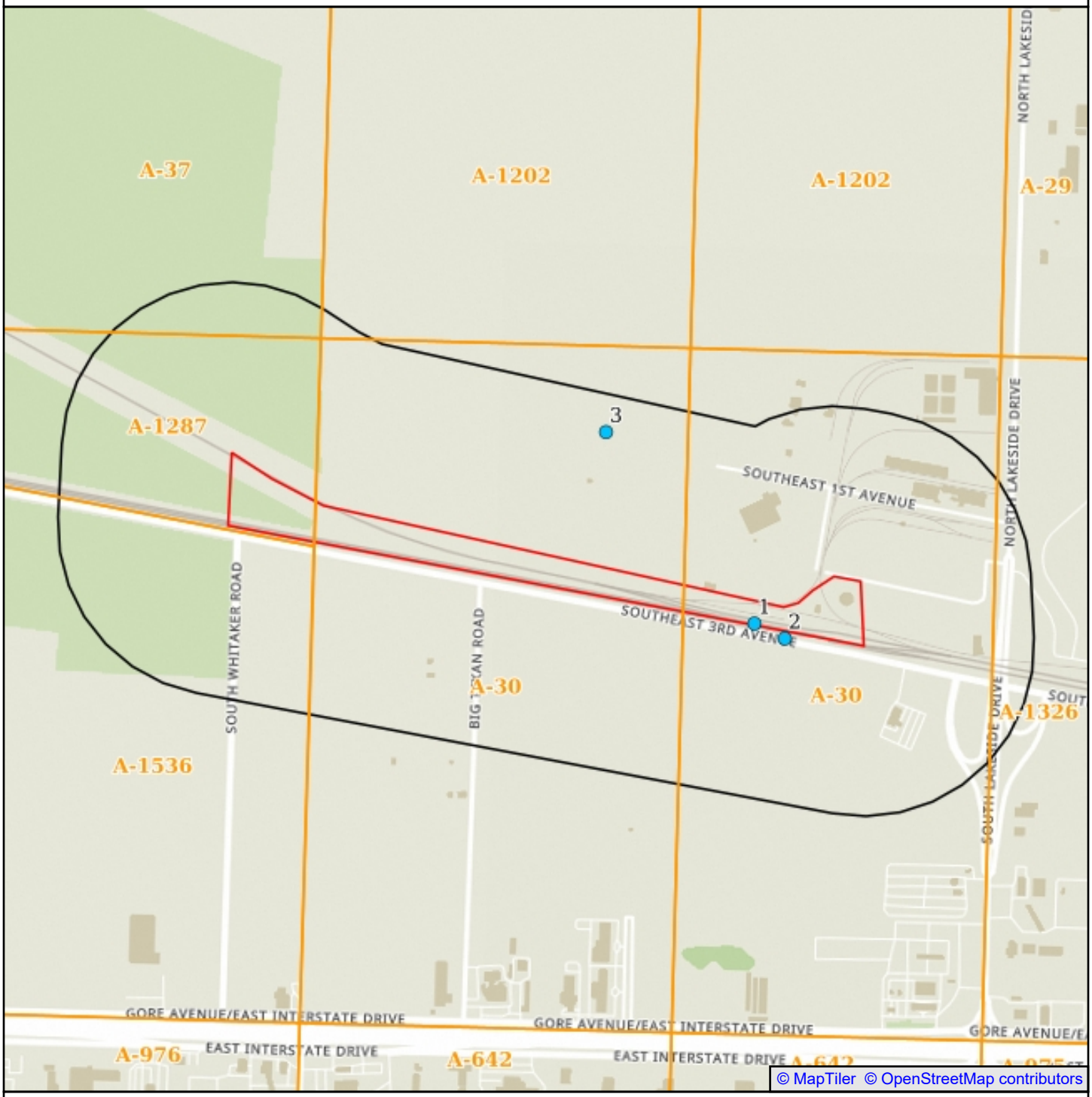
0' 1417' 2833'

1:25500
1 in = 2125 ft
1 in = 0.402 mi
1 cm = 255 m
1 cm = 0.255 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Water/Oil & Gas Wells Map - 0.25 Mile Radius



BNSF East Amarillo Yard

Single Water Well
Water Well Cluster
Single Oil/Gas Well
Oil/Gas Well Cluster

Subject Site
Search Buffer
Land Survey

0' 750' 1500'

1:13500
1 in = 1125 ft
1 in = 0.213 mi
1 cm = 135 m
1 cm = 0.135 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Water/Oil & Gas Wells Summary

Map ID	Well ID	Owner	Well Type	Elevation
1	126182	BNSF RAILROAD	Water Well	3610.50 ft
2	126181	BNSF RAILROAD	Water Well	3609.55 ft
3	424654	ARVELL WILLIAMS	WW: Domestic	3588.12 ft

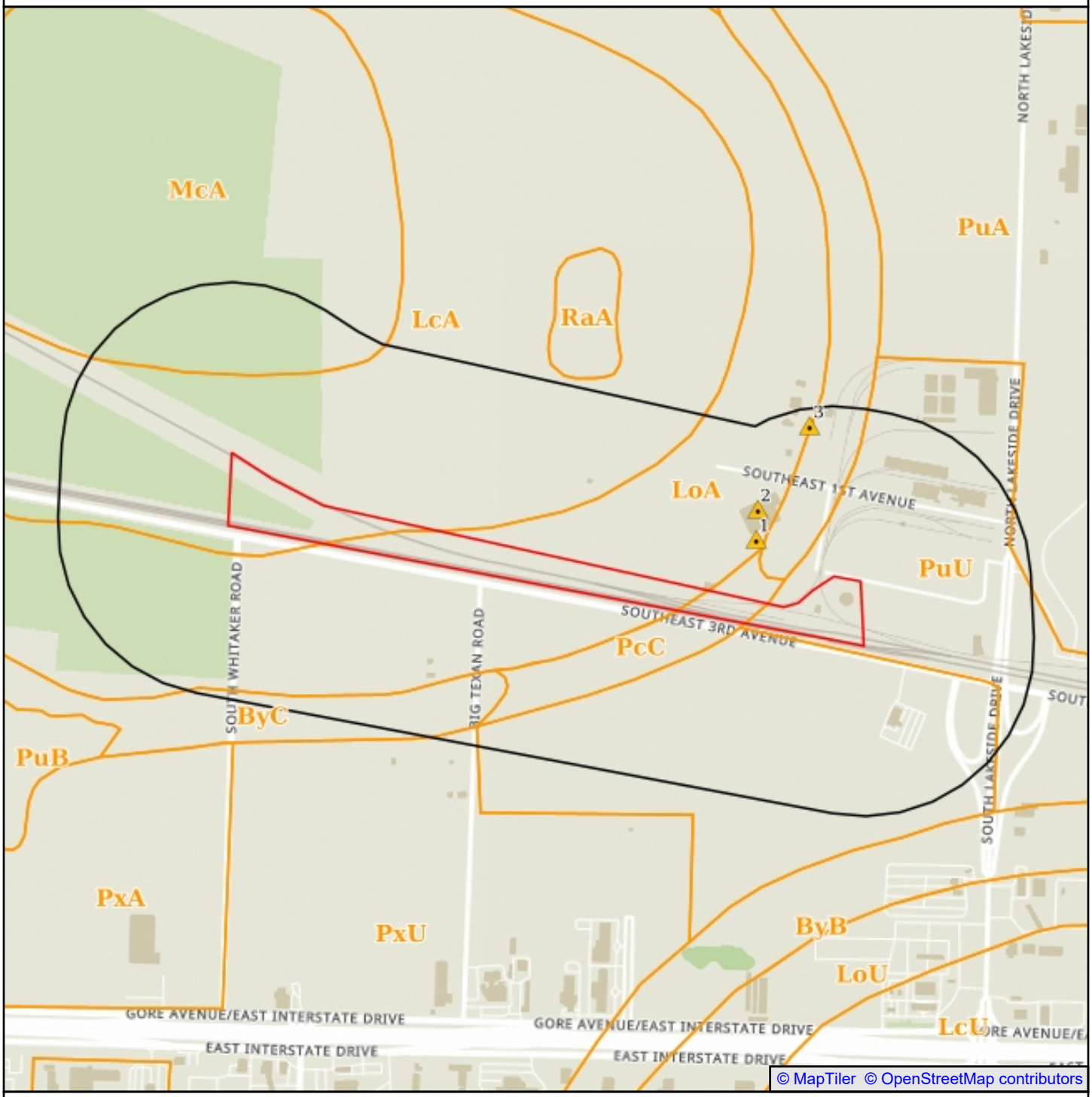
Source

U.S. Geological Survey, Texas Water Development Board (GW and Submitted Driller's Report), Texas Commission of Environmental Quality (PWS), Railroad Commission of Texas (Production Data)

Disclaimer

This well scan from Banks Environmental Data, Inc. has included a digital search of state and federal wells currently digitized in our geospatial database. Since this scan includes only well data that is currently mapped in our geospatial database, more wells could exist within the search area. For a complete well search or to locate more details, please contact Banks to obtain a full Water Well Report or Oil & Gas Well/Pipeline Search Report. More detailed individual well records can also be obtained from Banks for an additional cost, please reference a Well ID # from this well scan. All well locations are based on information obtained from state and federal sources. Although Banks performs quality assurance and quality control on all data, inaccuracies of the records and mapped locations could possibly be traced to the specific regulatory authority or individual well driller. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the data or well location(s) of the maps and records maintained by the state and federal agencies.

Soil Survey Map - 0.25 Mile Radius



BNSF East Amarillo Yard

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

RCRA,RCRA SQG,PST,REG

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

HW,LPST

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

- Subject Site
- Search Buffer
- Soils Boundary

0' 750' 1500'

1:13500
1 in = 1125 ft
1 in = 0.213 mi
1 cm = 135 m
1 cm = 0.135 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Soils Details

Soil Types Found	
Subject Property	PcC, LcA, LoA, PuU
Within 0.25 miles of Subject Property	PuA, PxU, McA, ByB, ByC

Soil Type Descriptions

PcC - Pep clay loam, 3 to 5 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	

Pep (80%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	20 cm	A-6, A-7-6	CL, CH
Bk	Clay loam	38 cm	75 cm	A-7-6, A-4	CL, SC-SM
Bkk	Clay loam	75 cm	203 cm	A-4, A-7-6	CL, SM
Bw	Clay loam	20 cm	38 cm	A-7-6, A-4	CL-ML, CL

Mansker (10%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Low
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
2Btk1	Very gravelly loam	61 cm	114 cm	A-1-b, A-6, A-2-4	GC, SC, GC-GM
2Btk2	Gravelly fine sandy loam	114 cm	203 cm	A-6, A-2-4	SC, CL, GC-GM
Ap	Clay loam	0 cm	18 cm	A-7-6, A-6	CL
Bkk	Gravelly fine sandy loam	18 cm	61 cm	A-4, A-2-4	GC-GM, SM

Bovina (6%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
2Btk	Clay loam	118 cm	203 cm	A-7-6, A-6	CL, CH, SC
Ap	Loam	0 cm	29 cm	A-6, A-4, A-7-6	CL
Bkk	Clay loam	55 cm	118 cm	A-7-6, A-6	CL, CH, SC
Btk	Clay loam	29 cm	55 cm	A-7-6, A-6	CL, CH

Soils Details

Estacado (4%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	10 cm	A-7-6	CL
Bt1	Clay loam	10 cm	46 cm	A-6, A-7-6	CL, CH
Bt2	Clay loam	46 cm	90 cm	A-7-6, A-6	CL, CH
Btk	Clay loam	90 cm	120 cm	A-6, A-7-6	CL, CH, SC
Btkk	Clay loam	120 cm	203 cm	A-6, A-7-6	SC, CH, CL

LcA - Lazbuddie clay, 0 to 1 percent slopes, occasionally ponded	
Percent Hydric	0
Minimum Depth to Bedrock	

Lazbuddie (85%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay	0 cm	10 cm	A-7-6, A-7-5	CH
Bkk	Clay loam	135 cm	203 cm	A-6, A-4, A-7-6	CL, CH, ML
Bss1	Clay	10 cm	34 cm	A-7-5, A-7-6	CH
Bss2	Clay	34 cm	135 cm	A-7-5, A-7-6	CH

Lockney (5%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	23 cm	A-7-6, A-7-5	CH
Bkss	Clay	170 cm	203 cm	A-7-6	CH
Bss	Clay	43 cm	170 cm	A-7-6, A-7-5	CH
Bw	Clay	23 cm	43 cm	A-7-5, A-7-6	CH

Lofton (5%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Soils Details

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	23 cm	A-7-6	CH, CL
Bk	Silty clay	132 cm	203 cm	A-7-6, A-6	CL, CH
Bt	Clay	23 cm	97 cm	A-7-6	CH
Btk	Clay	97 cm	132 cm	A-6, A-7-6	CH, CL

McLean (5%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	18 cm	A-7-6, A-7-5	CH
Bkss	Clay	150 cm	203 cm	A-7-5, A-7-6	CH
Bss1	Clay	18 cm	94 cm	A-7-5, A-7-6	CH
Bss2	Clay	94 cm	150 cm	A-7-5, A-7-6	CH

LoA - Lofton clay loam, 0 to 1 percent slopes, occasionally ponded	
Percent Hydric	0
Minimum Depth to Bedrock	

Lofton (85%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	23 cm	A-7-6	CH, CL
Bk	Silty clay	132 cm	203 cm	A-7-6, A-6	CL, CH
Bt	Clay	23 cm	97 cm	A-7-6	CH
Btk	Clay	97 cm	132 cm	A-6, A-7-6	CH, CL

Lockney (5%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	23 cm	A-7-6, A-7-5	CH
Bkss	Clay	170 cm	203 cm	A-7-6	CH
Bss	Clay	43 cm	170 cm	A-7-6, A-7-5	CH
Bw	Clay	23 cm	43 cm	A-7-5, A-7-6	CH

McLean (5%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	18 cm	A-7-6, A-7-5	CH
Bkss	Clay	150 cm	203 cm	A-7-5, A-7-6	CH
Bss1	Clay	18 cm	94 cm	A-7-6, A-7-5	CH
Bss2	Clay	94 cm	150 cm	A-7-6, A-7-5	CH

Sparenberg (5%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay	0 cm	10 cm	A-7-6, A-7-5	CH
Bkss	Clay	155 cm	203 cm	A-7-6	CH
Bss	Clay	25 cm	155 cm	A-7-6	CH
Bw	Clay	10 cm	25 cm	A-7-6, A-7-5	CH

PuU - Pullman-Urban land complex	
Percent Hydric	0
Minimum Depth to Bedrock	

Pullman (50%)	
Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay loam	0 cm	18 cm	A-6, A-7-6	CL
H2	Clay	18 cm	58 cm	A-7-6	CL, CH
H3	Clay loam	58 cm	137 cm	A-7-6, A-6	CL
H4	Clay loam	137 cm	203 cm	A-6, A-7-6	CL

Urban land (30%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Variable	0 cm	102 cm		

Soils Details

Unnamed (20%)	
Hydrologic Group	
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

PuA - Pullman clay loam, 0 to 1 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	

Pullman (90%)	
Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	13 cm	A-7-6	CH, CL
Bt	Silty clay loam	13 cm	84 cm	A-7-6	CL, CH
Btk1	Clay loam	84 cm	132 cm	A-7-6	CH, CL
Btk2	Clay	132 cm	203 cm	A-6, A-7-6	CL, CH

Olton (4%)	
Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	20 cm	A-6, A-7-6	CL, CH
Bt	Clay loam	20 cm	79 cm	A-7-6, A-6	CH, CL
Btk1	Clay loam	79 cm	122 cm	A-7-6, A-6	CL, CH
Btk2	Clay loam	122 cm	203 cm	A-7-6, A-4	CL, SC-SM

Pantex (4%)	
Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Silty clay loam	0 cm	18 cm	A-7-6	CL, CH
Bt1	Silty clay	18 cm	86 cm	A-7-6	CH, CL
Bt2	Silty clay loam	86 cm	180 cm	A-7-6	CH, CL
Btkk	Silty clay loam	180 cm	203 cm	A-7-6	CL, CH, ML

Soils Details

Estacado (2%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	15 cm	A-7-6	CL
Bt1	Clay loam	15 cm	48 cm	A-7-6	CL, CH
Bt2	Clay loam	48 cm	97 cm	A-7-6	CL, CH
Btk	Clay loam	97 cm	127 cm	A-7-6	CL, SC, CH
Btkk	Clay loam	127 cm	203 cm	A-7-6	CL, SC, CH

PxU - Pantex-Urban land complex	
Percent Hydric	0
Minimum Depth to Bedrock	

Pantex (60%)	
Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Silty clay loam	0 cm	18 cm	A-7-6	CL
Bt1	Silty clay	18 cm	86 cm	A-7-6	CH
Bt2	Silty clay loam	86 cm	180 cm	A-7-6	CL
Btk	Silty clay loam	180 cm	203 cm	A-7-6	CL

Urban land (40%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Variable	0 cm	203 cm		

McA - McLean clay, 0 to 1 percent slopes, occasionally ponded	
Percent Hydric	10
Minimum Depth to Bedrock	

McLean, occasionally ponded (80%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	18 cm	A-7-6, A-7-5	CH
Bkss	Clay	150 cm	203 cm	A-7-6, A-7-5	CH
Bss1	Clay	18 cm	94 cm	A-7-5, A-7-6	CH
Bss2	Clay	94 cm	150 cm	A-7-6, A-7-5	CH

Randall, frequently ponded (10%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Poorly drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	23 cm	A-7-6, A-7-5	CH
Bkss	Clay	157 cm	203 cm	A-7-6	CH
Bss	Clay	43 cm	157 cm	A-7-5, A-7-6	CH
Bw	Clay	23 cm	43 cm	A-7-5, A-7-6	CH

Lazbuddie (5%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay	0 cm	10 cm	A-7-6, A-7-5	CH
Bkk	Clay loam	135 cm	203 cm	A-7-5, A-6	CL, CH, ML
Bss1	Clay	10 cm	34 cm	A-7-5, A-7-6	CH
Bss2	Clay	34 cm	135 cm	A-7-5, A-7-6	CH

Lockney (5%)	
Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	0 cm	23 cm	A-7-6, A-7-5	CH
Bkss	Clay	170 cm	203 cm	A-7-6	CH
Bss	Clay	43 cm	170 cm	A-7-5, A-7-6	CH
Bw	Clay	23 cm	43 cm	A-7-6, A-7-5	CH

ByB - Bovina clay loam, 1 to 3 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	

Bovina (85%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
2Btk	Clay loam	114 cm	203 cm	A-7-6, A-6	CL, CH, SC
Ap	Clay loam	0 cm	38 cm	A-7-6	CL
Bkk	Clay loam	60 cm	114 cm	A-6, A-7-6	SC, CH, CL
Btk	Clay loam	38 cm	60 cm	A-7-6, A-6	CL, CH

Estacado (9%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	15 cm	A-7-6	CL
Bt	Clay loam	15 cm	97 cm	A-7-6, A-6	CL, CH
Btk	Clay loam	97 cm	127 cm	A-7-6, A-6	CL, CH, SC
Btkk	Clay loam	127 cm	203 cm	A-7-6, A-6	CL, CH, SC

Tulia (5%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	19 cm	A-7-6, A-6	CL, CH
Btk1	Loam	50 cm	79 cm	A-7-6, A-4, A-6	SC-SM, CL
Btk2	Very fine sandy loam	79 cm	203 cm	A-4, A-6	SM, CL
Btkk	Clay loam	19 cm	50 cm	A-6, A-7-6, A-4	CL, CL-ML

Olton (1%)	
Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	20 cm	A-7-6, A-6	CH, CL
Bt	Clay loam	20 cm	79 cm	A-6, A-7-6	CL, CH
Btk1	Clay loam	79 cm	122 cm	A-7-6, A-6	CL, CH
Btk2	Clay loam	122 cm	203 cm	A-7-6, A-4	CL, SC-SM

Soils Details

ByC - Bovina clay loam, 3 to 5 percent slopes	
Percent Hydric	0
Minimum Depth to Bedrock	

Bovina (85%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
2Btk	Clay loam	114 cm	203 cm	A-7-6, A-6	CL, CH, SC
Ap	Clay loam	0 cm	38 cm	A-7-6	CL
Bkk	Clay loam	60 cm	114 cm	A-6, A-7-6	CL, CH, SC
Btk	Clay loam	38 cm	60 cm	A-7-6, A-6	CL, CH

Pep (9%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	20 cm	A-7-6, A-6	CH, CL
Bk	Clay loam	38 cm	75 cm	A-4, A-7-6	CL, SC-SM
Bkk	Clay loam	75 cm	203 cm	A-4, A-7-6	CL, SM
Bw	Clay loam	20 cm	38 cm	A-4, A-7-6	CL-ML, CL

Tulia (5%)	
Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	19 cm	A-7-6, A-6	CL, CH
Btk1	Loam	50 cm	79 cm	A-6, A-7-6, A-4	SC-SM, CL
Btk2	Very fine sandy loam	79 cm	203 cm	A-4, A-6	SM, CL
Btkk	Clay loam	19 cm	50 cm	A-6, A-7-6, A-4	CL-ML, CL

Olton (1%)	
Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Soils Details

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	20 cm	A-7-6, A-6	CH, CL
Bt	Clay loam	20 cm	79 cm	A-6, A-7-6	CL, CH
Btk1	Clay loam	79 cm	122 cm	A-7-6, A-6	CL, CH
Btk2	Clay loam	122 cm	203 cm	A-7-6, A-4	SC-SM, CL

Soils Descriptions

AASHTO Classification Definitions	
A-1, A-1-a, A-1-b	Granular materials (35% or less passing No. 200 sieve), sonte fragments, gravel and sand
A-2, A-2-4, A-2-5, A-2-6, A-2-7	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand
A-3	Granular materials (35% or less passing No. 200 sieve), fine sand
A-4	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-5	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-7, A-7-5, A-7-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-8	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils

Unified Classification Definitions	
CH	Fine-grained soils, silts and clays (liquid limit is 50% or more), Fat Clay
CL, CL-A (proposed), CL-K (proposed), CL-ML, CL-O (proposed), CL-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Lean Clay
GC, GC-GM	Coarse-grained soils, Gravels, gravel with fines, Clayey Gravel
GM	Coarse-grained soils, Gravels, gravel with fines, Silty Gravel
GP, GP-GC, GP-GM	Coarse-grained soils, Gravels, clean gravels, Poorly Graded Gravel
GW, GW-GC, GW-GM	Coarse-grained soils, Gravels, clean gravels, Well-Graded Gravel
MH, MH-A, MH-K, MH-O, MH-T	Fine-grained soils, silts and clays (liquid limit is 50% or more), Elastic Silt
ML, ML-A (proposed), ML-K (proposed), ML-O (proposed), ML-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Silt
OH, OH-T (proposed)	Fine-grained soils, silts and clays (liquid limit is 50% or more), Organic Clay or Organic Silt
OL	Fine-grained soils, silts and clays (liquid limit is less than 50%), Organic Clay or Organic Silt
PT	Highly organic soils, Peat
SC, SC-SM	Coarse-grained soils, Sands, sands with fines, Clayey Sand
SM	Coarse-grained soils, Sands, sands with fines, Silty Sand
SP, SP-SC, SP-SM	Coarse-grained soils, Sands, clean sands, Poorly Graded Sand
SW, SW-SC, SW-SM	Coarse-grained soils, Sands, clean sands, Well-Graded Sand

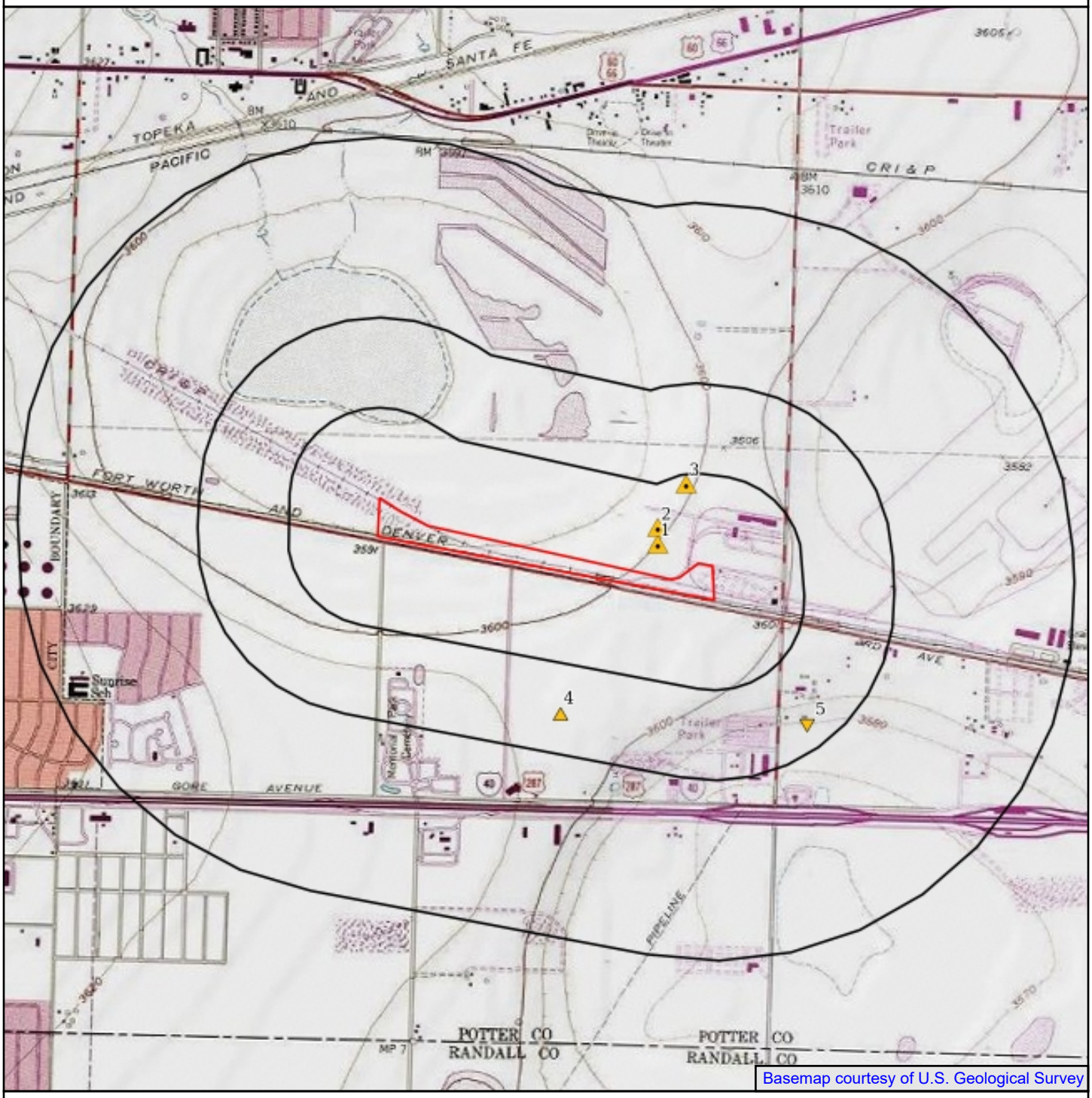
Source

Natural Resources Conservation Service, Soil Survey Geographic (SSURGO) Database.

Disclaimer

This Soils Survey from Banks Environmental Data, Inc. has searched Natural Resources Conservation Service (NRCS) and the Soil Survey Geographic Database (SSURGO). All soil data presented on the map and in the details section are based on information obtained from NRCS. Although Banks performs quality assurance and quality control on all data, inaccuracies of the data and mapped locations could possibly be traced to the source. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the SSURGO database maintained by NRCS.

Topographic Overlay Map - 1.0 Mile Radius



Basemap courtesy of U.S. Geological Survey

BNSF East Amarillo Yard

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

RCRA,RCRA SQG,PST,REG

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

HW,LPST

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

- Subject Site
- Search Buffer

Subject Property Quad Name(s)
See Geographic Summary

0' 1417' 2833'

1:25500
1 in = 2125 ft
1 in = 0.402 mi
1 cm = 255 m
1 cm = 0.255 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Current Imagery Overlay Map - 0.5 Mile Radius

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

BNSF East Amarillo Yard

RCRA,RCRA SQG,PST,REG

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

HW,LPST

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

- Subject Site
- Search Buffer

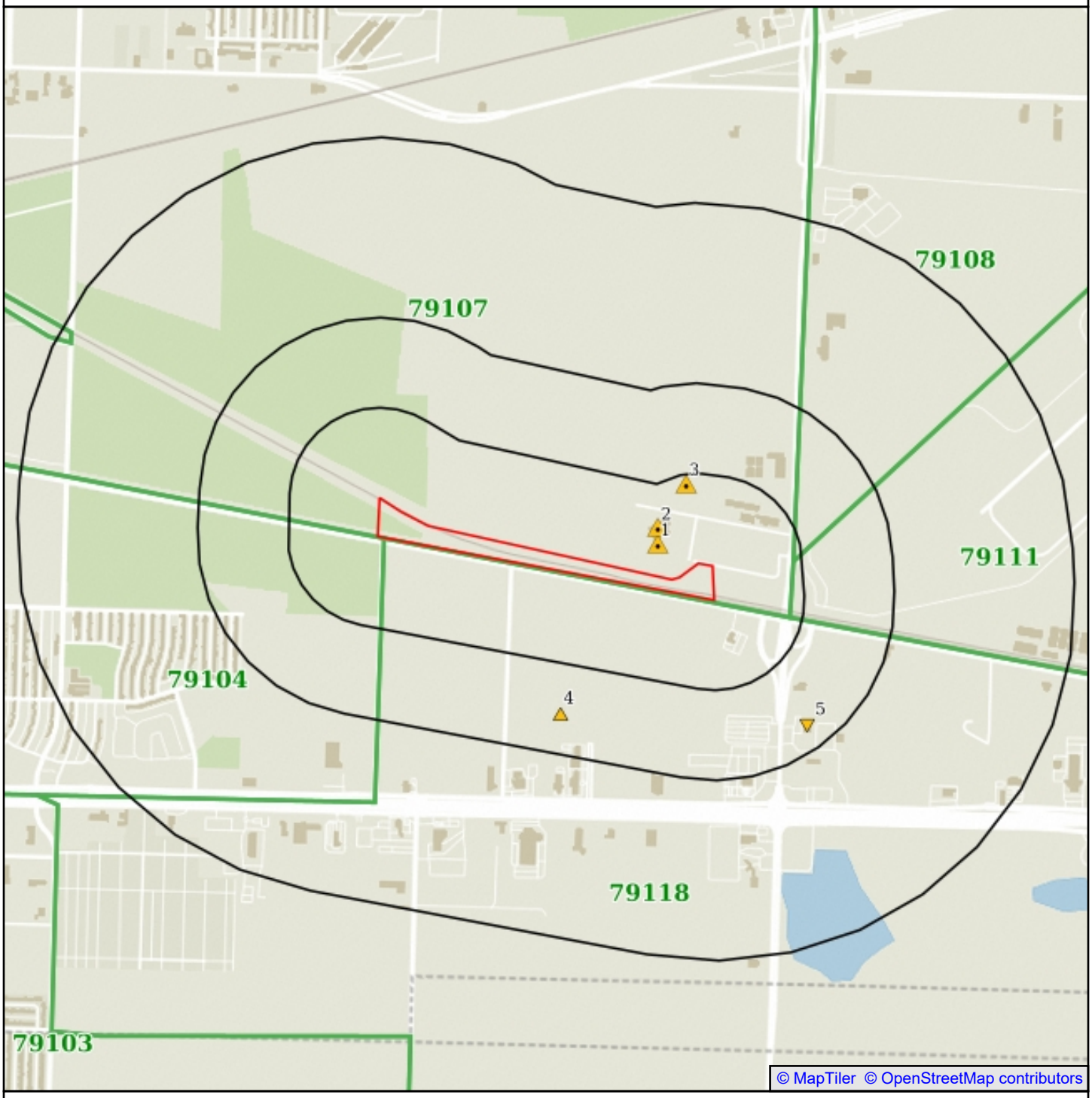
0' 917' 1833'

1:16500
1 in = 1375 ft
1 in = 0.260 mi
1 cm = 165 m
1 cm = 0.165 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Zip Code Map - 1.0 Mile Radius



BNSF East Amarillo Yard

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

RCRA,RCRA SQG,PST,REG

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

HW,LPST

- Single site (below)
- Single site (same)
- Single site (above)
- Cluster site (below)
- Cluster site (same)
- Cluster site (above)
- Polygon site

- Subject Site
- Search Buffer
- Zip Code Boundary

0' 1417' 2833'

1:25500
1 in = 2125 ft
1 in = 0.402 mi
1 cm = 255 m
1 cm = 0.255 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Mapped Sites Summary

Dataset	Distance	Elevation	Map ID	Facility Site Name	Facility Site Address	Details Page #
PST	0.09mi N	+10.79 ft	1	SIGNAL FUEL	110 BEEFCO RD, AMARILLO, TX 79118	29
PST	0.13mi N	+7.51 ft	2	HOLL-TEX	102 BEEFCO RD, AMARILLO, TX 79118	30
PST	0.22mi N	+7.51 ft	3	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	31
RCRA	0.09mi N	+10.79 ft	1	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118-7300	32
RCRA SQG	0.09mi N	+10.79 ft	1	CONAGRA FRESH MEATS FLAVORLAND	110 BEEFCO RR #2, AMARILLO, TX 79104	34
REG	0.22mi N	+9.02 ft	3	DARLING INGREDIENTS AMARILLO	8415 SE 1ST AVE, AMARILLO, TX 79118.0	36
HW	0.09mi N	+10.79 ft	1	VAL AGRI	110 BEEFCO RD, AMARILLO, TX 79118	37
HW	0.09mi N	+10.79 ft	1	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118	38
HW	0.13mi N	+7.51 ft	2	A J HOLLANDER	102 BEEFCO RD, AMARILLO, TX 79118	39
HW	0.22mi N	+7.51 ft	3	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	40
HW	0.38mi S	+20.64 ft	4	AMARILLO AUTO AUCTION	7801 E INTERSTATE 40, AMARILLO, TX 79118	41
LPST	0.22mi N	+7.51 ft	3	VALLEY PROTEINS	8415 SE 1ST AVE, AMARILLO, TX 79118	42
LPST	0.44mi SE	-8.76 ft	5	PILOT TRAVEL CENTER 436	715 S LAKESIDE DR, AMARILLO, TX 79118	43

*Sites are sorted by database tier, dataset, and distance from the subject property.

End of Mapped Sites Summary

Unmapped Sites Summary

Dataset	Facility Site Name	Facility Site Address	Details Page #
ERNS		N LAKESIDE	44
ERNS		ON LAKESIDE DRIVE	45
ERNS		LAKESIDE DRIVE	46
ERNS		3RD STREET	47
SW		.25M S OF IH 40, ON WHITAKER ROAD, IN CITY OF AMARILLO.	48
SW	CITY OF AMARILLO	BLK 7 & E PORTION OF BLK 8, W OF AMARILLO INDUSTRIAL PARK.	49
SW	Boone site	.4 mi W of S Osage extension	50
SPILL	L & L PALLET SUPPLY TRENCH BURNER	PORTABLE	51
SPILL	MCGEE TRUCKING CO	RT 3	52
SPILL	COMPLAINT INCIDENT AT 10508 IH-40 E	LOWE TRUCK SERVICE	53
SPILL	EMERGENCY RESPONSE SITE ON WHITAKER ROAD	SPILL SITE LOCATED .25 MILE S OF IH-40 ON WHITAKER ROAD	54
SPILL	7900 I 40 E FUELING DEPOT	FUELING DEPOT (PETRO TRUCK STOP)	55
SPILL	ER SITE BETWEEN MILE MARKERS 141 & 142 ON IH40 E	IH40 E BETWEEN MILE MARKERS 141 & 142 NEAR AMARILLO	56
PST	ROCK D WAKEFIELD	RT 5 102 YUMA	57
PST	H B JORDAN & CO	1 5 MI E OF WASHBURN	58
PST	DAMMIER & DAMMIER	RR 2	59
PST	HOLLYWOOD ROAD WASTEWATER TREAT	S OF CITY	60
PST	BEAZER WEST	LAKESIDE	61
PST	FORAN CONSTRUCTION	POTTER	62
PST	TAYLOR PETROLEUM	RT 3 A	63
PST	VACANT	RT 5	64
PST	AMARILLO TX ARSR	SOUTH OF US 60 66 ON F	65
PST	BERNSON GEORGE C	RT 3 B	66
PST	PANHANDLE WESTERN	MCCORMICK	67
PST	FARM HEADQUARTERS	SE OF AMARILLO	68
PST	WHEELABRATOR COAL SER	LAKESIDE HARRINGT	69
PST	MCGEE TRUCKING	RT 3	70
PST	MARKLE MFG	POTTER	71
RCRA	AMERICAN TELEPHONE AND TELEGRAPH LONG DI	9.8 MI W NW L436270	72
RCRA	HIGHLAND COMPRESSOR STATION	7M N E	74
HW	AT&T ADYU TEXAS	9.8 Mi W NW L436270, Amarillo, TX	76
HW	CITY OF AMARILLO	S of Osage, Amarillo, TX	77
HW	TRANSLEASE	N 1/2 Section 30 Block 8, I&GN RRC Surv, Amarillo, TX	78

Unmapped Sites Summary

SW	CUSTOMIZED SERVICE LANDFILL	.25 MILE S OF IH 40 ON WHITAKER ROAD IN CITY OF AMARILLO	79
SPILL	ER SITE BETWEEN MILE MARKERS 141 & 142 ON IH40 E	IH40 E BETWEEN MILE MARKERS 141 & 142 NEAR AMARILLO	80
SPILL	EMERGENCY RESPONSE SITE ON WHITAKER ROAD	SPILL SITE LOCATED .25 MILE S OF IH-40 ON WHITAKER ROAD	81
HW	KWIK STOP	AMARILLO POTTER COUNTY TEXAS	82
HW	EL PASO NATURAL GAS PIPELINE POTTER COUNTY	POTTER COUNTY PIPELINE SEGMENT	83
HW	OASIS RV RESORT	AMARILLO POTTER COUNTY TEXAS	84
HW	EL PAPA ACCESSORIES WHEELS & TIRES	AMARILLO POTTER COUNTY TEXAS	85
HW	J-N-B QUICKI SHOP 2	AMARILLO POTTER COUNTY TEXAS	86

*Sites are sorted by database tier, database, and distance from the subject property.

End of Unmapped Sites Summary

Map ID 1: PST - 110 BEEFCO RD

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

PST - Petroleum Storage Tank

Map ID: 1		**Source: TCEQ**
Facility #: 52231	**PST - Petroleum Storage Tank**	**Banks ID: 52231**
SIGNAL FUEL		**Rel. Loc.: 0.09mi N**
110 BEEFCO RD, AMARILLO, TX 79118		**Elevation: 3602.36 ft (+10.79 ft)**

Facility Type:	WHOLESALE
Facility Begin Date:	1989-09-01
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	LEONARD ONLEY
Contact Phone:	8063765000

Aboveground Storage Tanks

Ast Id:	158812
Facility Number:	52231
Tceq Customer Id:	90125
Tank Id:	39
Tank Installation Date:	1989-01-01
Tank Capacity In Gallons:	4000
Tank Status:	OUT OF USE
Tank Status Begin Date:	2002-08-31
Tank Materials:	Steel
Substance Stored:	DIESEL
Stage I Vapor Recovery:	
Stage I Installation Date:	

Sites in Map ID 1 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	SIGNAL FUEL	110 BEEFCO RD, AMARILLO, TX 79118	29
RCRA	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118-7300	32
RCRA SQG	CONAGRA FRESH MEATS FLAVORLAND	110 BEEFCO RR #2, AMARILLO, TX 79104	34
HW	VAL AGRI	110 BEEFCO RD, AMARILLO, TX 79118	37
HW	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118	38

Map ID 2: PST - 102 BEEFCO RD

Map ID: 2		**Source: TCEQ**
Facility #: 14635	**PST - Petroleum Storage Tank**	**Banks ID: 14635**
HOLL-TEX		**Rel. Loc.: 0.13mi N**
102 BEEFCO RD, AMARILLO, TX 79118		**Elevation: 3599.08 ft (+7.51 ft)**

Facility Type:	UNKNOWN
Facility Begin Date:	1986-08-13
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	BILL STARKEY
Contact Phone:	8063765508

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
37600	14635	53302	1	1974-01-01	2000
37599	14635	53302	2	1976-01-01	10000

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1990-09-25	Pressurized	GASOLINE	Steel
REMOVED FROM GROUND	1987-07-31		DIESEL	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		

Sites in Map ID 2 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	HOLL-TEX	102 BEEFCO RD, AMARILLO, TX 79118	30
HW	A J HOLLANDER	102 BEEFCO RD, AMARILLO, TX 79118	39

Map ID 3: PST - 8415 SE 1ST AVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 3		**Source: TCEQ**
Facility #: 25277	**PST - Petroleum Storage Tank**	**Banks ID: 25277**
VALLEY PROTEINS AMARILLO PLANT		**Rel. Loc.: 0.22mi N**
8415 SE 1ST AVE, AMARILLO, TX 79118		**Elevation: 3599.08 ft (+7.51 ft)**

Facility Type:	UNKNOWN
Facility Begin Date:	1988-08-31
Facility Status:	ACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	1
Contact Name:	RON BULKLEY
Contact Phone:	8063796001

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
64965	25277	94663	1	1973-01-01	10575
64966	25277	94663	2	1973-01-01	10575

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1992-06-09	Suction	DIESEL	Steel
REMOVED FROM GROUND	1992-06-09	Suction	GASOLINE	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		

Aboveground Storage Tanks

Ast Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity In Gallons
152888	25277	94663	1	1992-01-01	10000
204270	25277	94663	2	2004-07-09	8650

Tank Status	Tank Status Begin Date	Tank Materials	Substance Stored	Stage I Vapor Recovery
OUT OF USE	2004-07-09	Steel	DIESEL	
IN USE	2004-07-09	Steel	DIESEL	

Sites in Map ID 3 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	31
REG	DARLING INGREDIENTS AMARILLO	8415 SE 1ST AVE, AMARILLO, TX 79118.0	36
HW	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	40
LPST	VALLEY PROTEINS	8415 SE 1ST AVE, AMARILLO, TX 79118	42

End of PST Section

Map ID 1: RCRA - 110 BEEFCO RD

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

RCRA - RCRA

Map ID: 1 — **Source: EPA**

EPA Handler ID: TXD981612302 — **RCRA - RCRA** — **Banks ID: TXD981612302**

SWIFT INDEPENDENT PACKING — **Rel. Loc.: 0.09mi N**

110 BEEFCO RD, AMARILLO, TX 79118-7300 — **Elevation: 3602.36 ft (+10.79 ft)**

Active Site Indicator:	Inactive
Activity Location:	TX
Non Notifier:	Not a non-notifier
Receive Date:	2021-07-19
Accessibility:	Not provided
Region:	06
State:	TX
Generator Status Universe:	N
Mailing Address:	PO BOX 31090
Mailing City:	AMARILLO
Mailing State:	TX
Mailing Zip Code:	79120-1090
Contact Name:	JIM ZINN
Contact Address:	PO BOX 31090
Contact City:	AMARILLO
Contact State:	TX
Contact Zip:	79120-1090
Contact Title:	
Owner Name:	SWIFT INDEPENDENT PACKING CO
Operator Name:	SWIFT INDEPENDENT PACKING CO
Operator Type:	Private
Operator Seq Num:	2
Naics Description:	GENERAL FREIGHT TRUCKING, LOCAL
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Injection Activity:	N
Receives Waste From Offsite:	N
Universal Waste:	N
Universal Waste Dest Facility:	N
Used Oil Universe:	NNNNNNN
Federal Universal Waste:	N
Federal Indicator:	---
Hsm:	N
Gpra Permit Baseline:	Not on the Baseline
Gpra Renewals Baseline:	Not on the Baseline
Permit Renewal Workload:	------
Permit Workload Universe:	------
Permit Progress Universe:	------

Map ID 1: RCRA - 110 BEEFCO RD

Post Closure Workload Universe:	------
Closure Workload Universe:	------
Under Discretionary Auth Universe:	N
Environmental Control Indicator:	N
Institutional Control Indicator:	N
Human Exposure Indicator:	N
Groundwater Controls Indicator:	N
Full Enforcement Universe:	------
Snc Universe:	N
Unaddressed Snc:	N
Addressed Snc:	N
Snc With Compliance Sched:	N
Financial Assurance Required:	-----
Handler Date Of Last Change:	2021-12-29

Waste Codes

Epa Handler Id	Source Type	Waste Code Type	Waste Description	Active Status
TXD981612302	N	D	DESCRIPTION	N
TXD981612302	N	D	IGNITABLE WASTE	Y

Sites in Map ID 1 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	SIGNAL FUEL	110 BEEFCO RD, AMARILLO, TX 79118	29
RCRA	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118-7300	32
RCRA SQG	CONAGRA FRESH MEATS FLAVORLAND	110 BEEFCO RR #2, AMARILLO, TX 79104	34
HW	VAL AGRI	110 BEEFCO RD, AMARILLO, TX 79118	37
HW	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118	38

End of RCRA Section

Map ID 1: RCRA SQG - 110 BEEFCO RR #2

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

RCRA SQG - RCRA - Small Quantity Generators

Map ID: 1	**RCRA SQG - RCRA - Small Quantity Generators**	**Source: EPA**
EPA Hander ID: TXD988047981		**Banks ID: TXD988047981**
CONAGRA FRESH MEATS FLAVORLAND		**Rel. Loc.: 0.09mi N**
110 BEEFCO RR #2, AMARILLO, TX 79104		**Elevation: 3602.36 ft (+10.79 ft)**

Active Site Indicator:	Handler
Activity Location:	TX
Non Notifier:	Not a non-notifier
Receive Date:	1991-08-05
Accessibility:	Not provided
Region:	06
State:	TX
Generator Status Universe:	SQG
Mailing Address:	PO BOX 31990
Mailing City:	AMARILLO
Mailing State:	TX
Mailing Zip Code:	79120
Contact Name:	KENNETH PARKER
Contact Address:	PO BOX 31990
Contact City:	AMARILLO
Contact State:	TX
Contact Zip:	79120
Contact Title:	
Owner Name:	STOCKHOLDERS OF CONAGRA INC
Operator Name:	
Operator Type:	Not provided
Operator Seq Num:	
Naics Description:	
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Injection Activity:	N
Receives Waste From Offsite:	N
Universal Waste:	N
Universal Waste Dest Facility:	N
Used Oil Universe:	NNNNNNN
Federal Universal Waste:	N
Federal Indicator:	---
Hsm:	N
Gpra Permit Baseline:	Not on the Baseline
Gpra Renewals Baseline:	Not on the Baseline
Permit Renewal Workload:	------
Permit Workload Universe:	------
Permit Progress Universe:	------

Map ID 1: RCRA SQG - 110 BEEFCO RR #2

Post Closure Workload Universe:	------
Closure Workload Universe:	------
Under Discretionary Auth Universe:	N
Environmental Control Indicator:	N
Institutional Control Indicator:	N
Human Exposure Indicator:	N
Groundwater Controls Indicator:	N
Full Enforcement Universe:	------
Snc Universe:	N
Unaddressed Snc:	N
Addressed Snc:	N
Snc With Compliance Sched:	N
Financial Assurance Required:	-----
Handler Date Of Last Change:	2000-09-02
Federal Waste Gen Code Owner:	HQ
Federal Waste Gen Code:	SQG
State Waste Gen Code Owner:	
State Waste Gen Code:	
Generator Status Owner:	
Generator Status:	
Generator Status Description:	
Short Term Generator:	N
Mixed Waste Generator:	N

Sites in Map ID 1 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	SIGNAL FUEL	110 BEEFCO RD, AMARILLO, TX 79118	29
RCRA	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118-7300	32
RCRA SQG	CONAGRA FRESH MEATS FLAVORLAND	110 BEEFCO RR #2, AMARILLO, TX 79104	34
HW	VAL AGRI	110 BEEFCO RD, AMARILLO, TX 79118	37
HW	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118	38

End of RCRA SQG Section

Map ID 3: REG - 8415 SE 1ST AVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

REG - Regulatory Notices and Violations

Map ID: 3 **Source: TCEQ**

Regulated Entity Number: RN101834224 **REG - Regulatory Notices and Violations** **Banks ID: RN101834224**

DARLING INGREDIENTS AMARILLO **Rel. Loc.: 0.22mi N**

8415 SE 1ST AVE, AMARILLO, TX 79118.0 **Elevation: 3600.59 ft (+9.02 ft)**

Business Type:	INDUSTRIAL TLAP
Tceq Region:	REGION 01 - AMARILLO

Violations

Regulated Entity Number:	RN101834224
Notice Of Violation Id:	678498000000000.0
Category A Violation Citations:	nan
Category B Violation Citations:	116.115(c); 382.085(b)
Category C Violation Citations:	nan
Total Violation Count:	2
Investigation Number:	1437419
Investigation Approved Date:	2017-09-29
Notice Of Violation Date:	2017-09-29

Sites in Map ID 3 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	31
REG	DARLING INGREDIENTS AMARILLO	8415 SE 1ST AVE, AMARILLO, TX 79118.0	36
HW	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	40
LPST	VALLEY PROTEINS	8415 SE 1ST AVE, AMARILLO, TX 79118	42

End of REG Section

Map ID 1: HW - 110 BEEFCO RD

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

HW - Hazardous Waste

Map ID: 1		**Source: TCEQ**
Register #: 70702	**HW - Hazardous Waste**	**Banks ID: 70702**
VAL AGRI		**Rel. Loc.: 0.09mi N**
110 BEEFCO RD, AMARILLO, TX 79118		**Elevation: 3602.36 ft (+10.79 ft)**

Location Description:	
Tceq Permit:	
Facility Type:	Generator
Status:	MERGED
Tceq Facility Id:	25512
Last Nor Update:	2010-06-04
Notification Date:	1986-10-30

Sites in Map ID 1 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	SIGNAL FUEL	110 BEEFCO RD, AMARILLO, TX 79118	29
RCRA	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118-7300	32
RCRA SQG	CONAGRA FRESH MEATS FLAVORLAND	110 BEEFCO RR #2, AMARILLO, TX 79104	34
HW	VAL AGRI	110 BEEFCO RD, AMARILLO, TX 79118	37
HW	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118	38

Map ID 1: HW - 110 BEEFCO RD

Map ID: 1		**Source: TCEQ**
Register #: 31624	**HW - Hazardous Waste**	**Banks ID: 31624**
SWIFT INDEPENDENT PACKING		**Rel. Loc.: 0.09mi N**
110 BEEFCO RD, AMARILLO, TX 79118		**Elevation: 3602.36 ft (+10.79 ft)**

Location Description:	110 Beefco Rd, Amarillo, TX
Tceq Permit:	
Facility Type:	Generator, Transporter
Status:	INACTIVE
Tceq Facility Id:	9177
Last Nor Update:	2021-07-20
Notification Date:	1986-10-10

Sites in Map ID 1 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	SIGNAL FUEL	110 BEEFCO RD, AMARILLO, TX 79118	29
RCRA	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118-7300	32
RCRA SQG	CONAGRA FRESH MEATS FLAVORLAND	110 BEEFCO RR #2, AMARILLO, TX 79104	34
HW	VAL AGRI	110 BEEFCO RD, AMARILLO, TX 79118	37
HW	SWIFT INDEPENDENT PACKING	110 BEEFCO RD, AMARILLO, TX 79118	38

Map ID 2: HW - 102 BEEFCO RD

Map ID: 2		**Source: TCEQ**
Register #: 81509	**HW - Hazardous Waste**	**Banks ID: 81509**
A J HOLLANDER		**Rel. Loc.: 0.13mi N**
102 BEEFCO RD, AMARILLO, TX 79118		**Elevation: 3599.08 ft (+7.51 ft)**

Location Description:	102 Beefco Rd, Amarillo, TX
Tceq Permit:	
Facility Type:	Generator
Status:	INACTIVE
Tceq Facility Id:	36506
Last Nor Update:	2019-01-03
Notification Date:	1994-01-14

Waste Details

Reg Num	Facility Id	Waste Id	Tx Waste Code
81509	36506	74633	00014092
81509	36506	74637	00029032

Sites in Map ID 2 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	HOLL-TEX	102 BEEFCO RD, AMARILLO, TX 79118	30
HW	A J HOLLANDER	102 BEEFCO RD, AMARILLO, TX 79118	39

Map ID 3: HW - 8415 SE 1ST AVE

Map ID: 3		**Source: TCEQ**
Register #: 82981	**HW - Hazardous Waste**	**Banks ID: 82981**
VALLEY PROTEINS AMARILLO PLANT		**Rel. Loc.: 0.22mi N**
8415 SE 1ST AVE, AMARILLO, TX 79118		**Elevation: 3599.08 ft (+7.51 ft)**

Location Description:	8415 SE 1st Ave, Amarillo, TX
Tceq Permit:	
Facility Type:	Generator
Status:	INACTIVE
Tceq Facility Id:	99433
Last Nor Update:	2022-08-25
Notification Date:	1994-06-23

Waste Details

Reg Num:	82981
Facility Id:	99433
Waste Id:	101484
Tx Waste Code:	00019012
Description:	Cardboard containers stained with blood and grease from food processing waste.

Sites in Map ID 3 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	31
REG	DARLING INGREDIENTS AMARILLO	8415 SE 1ST AVE, AMARILLO, TX 79118.0	36
HW	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	40
LPST	VALLEY PROTEINS	8415 SE 1ST AVE, AMARILLO, TX 79118	42

Map ID 4: HW - 7801 E INTERSTATE 40

Map ID: 4		**Source: TCEQ**
Register #: 82174	**HW - Hazardous Waste**	**Banks ID: 82174**
AMARILLO AUTO AUCTION		**Rel. Loc.: 0.38mi S**
7801 E INTERSTATE 40, AMARILLO, TX 79118		**Elevation: 3612.20 ft (+20.64 ft)**

Location Description:	7801 E Interstate 40, Amarillo, TX
Tceq Permit:	
Facility Type:	Generator
Status:	INACTIVE
Tceq Facility Id:	37339
Last Nor Update:	2005-04-22
Notification Date:	1994-06-22

Waste Details

Reg Num:	82174
Facility Id:	37339
Waste Id:	83129
Tx Waste Code:	0001203H
Description:	Solvent & paint waste material - Damaged vehicles are repaired & repainted to li

End of HW Section

Map ID 3: LPST - 8415 SE 1ST AVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

LPST - Leaking Petroleum Storage Tank

Map ID: 3	**LPST - Leaking Petroleum Storage Tank**	**Source: TCEQ**
LPST ID: 102940		**Banks ID: 102940**
VALLEY PROTEINS		**Rel. Loc.: 0.22mi N**
8415 SE 1ST AVE, AMARILLO, TX 79118		**Elevation: 3599.08 ft (+7.51 ft)**

Reference Number:	RN101834224
Tceq Region:	REGION 01 - AMARILLO
Nearest City Name:	AMARILLO
Project Manager:	PWINSOR
Leak Discovered Date:	1992-04-27
Leak Reported Date:	1992-05-06
Leak Entered Date:	1992-05-21
Leak Closure Date:	1999-04-23
Priority Status:	4.2 - NO GW IMPACT NO APPARENT THREATS OR IMPACTS TO RECEPTORS
Corrective Action Status:	6P - FINAL PENDING WELL PLUG

Sites in Map ID 3 Cluster

Dataset	Facility Site Name	Facility Site Address	Page #
PST	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	31
REG	DARLING INGREDIENTS AMARILLO	8415 SE 1ST AVE, AMARILLO, TX 79118.0	36
HW	VALLEY PROTEINS AMARILLO PLANT	8415 SE 1ST AVE, AMARILLO, TX 79118	40
LPST	VALLEY PROTEINS	8415 SE 1ST AVE, AMARILLO, TX 79118	42

Map ID 5: LPST - 715 S LAKESIDE DR

Map ID: 5	**LPST - Leaking Petroleum Storage Tank**	**Source: TCEQ**
LPST ID: 118386		**Banks ID: 118386**
PILOT TRAVEL CENTER 436		**Rel. Loc.: 0.44mi SE**
715 S LAKESIDE DR, AMARILLO, TX 79118		**Elevation: 3582.81 ft (-8.76 ft)**

Reference Number:	RN103125720
Tceq Region:	REGION 01 - AMARILLO
Nearest City Name:	AMARILLO
Project Manager:	THASAN
Leak Discovered Date:	2010-05-24
Leak Reported Date:	2010-05-24
Leak Entered Date:	2010-07-30
Leak Closure Date:	2011-11-10
Priority Status:	4.2 - NO GW IMPACT NO APPARENT THREATS OR IMPACTS TO RECEPTORS
Corrective Action Status:	6P - FINAL PENDING WELL PLUG

End of LPST Section

End of Mapped Sites Details Section

Unmapped Site: ERNS (221357)

Unmapped Site	ERNS - Emergency Response Notification System	Source: EPA/National Response Center
NRC Report #: 221357		Banks ID: 221357

N LAKESIDE, AMARILLO, TX

Incident Date Time:	1994-02-11 15:30:00
Responsible Company:	SOUTHWESTERN PUBLIC SVC
Source:	UNAVAILABLE

ERNS Details

Additional Info:	THE DURATION OF THE RELEASE WAS APPROX 45 MIN
Additional Medium Info:	WASTE WATER POND
Any Fatalities:	U
Description Of Incident:	PUMP SEAL ON COOLING WATER SYSTEM / THE RELEASE WAS CAUSED BY SEALFAILURE
Desc Remedial Action:	CONTAINED MAT'L / SHUT DOWN PUMPS
Incident Cause:	EQUIPMENT FAILURE
Incident Date Time:	1994-02-11 15:30:00
Incident Location:	
Medium Desc:	UNKNOWN
Number Fatalities:	
Pipeline Type:	UNKNOWN
Railroad Name:	
Responsible Company:	SOUTHWESTERN PUBLIC SVC
Seqnos:	221357
Source:	UNAVAILABLE
Type Of Incident:	FIXED

Materials Involved

Name Of Material:	SODIUM DICHROMATE
Seqnos:	221357

Unmapped Site: ERNS (452236)

Unmapped Site	ERNS - Emergency Response Notification System	Source: EPA/National Response Center
NRC Report #: 452236		Banks ID: 452236

ON LAKESIDE DRIVE, AMARILLO, TX

Incident Date Time:	1998-08-24 17:00:00
Responsible Company:	
Source:	

ERNS Details

Additional Info:	WX:CLEAR TEMP:97 F WIND:CALM / WILL NOTIFY:TNRCC / NO ADDITIONALINFORMATION
Additional Medium Info:	POND ON SITE
Any Fatalities:	U
Description Of Incident:	FRAC TANK / CORROSION ON A NIPPLE FOR THE TANK / TANK IS NOT REGULATEDBY THE DOT
Desc Remedial Action:	ESTIMATED RELEASE IS BETWEEN 300 AND 500 GALLONS / NEUTRALIZED THE ACID/ MATERIAL HAS BEEN CONTAINED IN A POND
Incident Cause:	EQUIPMENT FAILURE
Incident Date Time:	1998-08-24 17:00:00
Incident Location:	
Medium Desc:	WATER
Number Fatalities:	
Pipeline Type:	UNKNOWN
Railroad Name:	
Responsible Company:	
Seqnos:	452236
Source:	
Type Of Incident:	FIXED

Materials Involved

Name Of Material:	CITRIC ACID
Seqnos:	452236

Unmapped Site: ERNS (614880)

Unmapped Site	ERNS - Emergency Response Notification System	Source: EPA/National Response Center
NRC Report #: 614880		Banks ID: 614880

LAKESIDE DRIVE, AMARILLO, TX

Incident Date Time:	2002-06-29 19:30:00
Responsible Company:	XCEL ENERGY
Source:	TELEPHONE

ERNS Details

Additional Info:	CALLER WILL NOTIFY: TEXAS ERC
Additional Medium Info:	
Any Fatalities:	N
Description Of Incident:	A SULFURIC ACID LINE ON A COOLING TOWER CAME APART RELEASING MATERIAL.
Desc Remedial Action:	MATERIAL DIKED, ERT IS GOING TO NEUTRALIZE MATERIAL WITH SODA ASH.
Incident Cause:	EQUIPMENT FAILURE
Incident Date Time:	2002-06-29 19:30:00
Incident Location:	NICOLS STATION 7 MILES NORTH OF AMARILLO
Medium Desc:	LAND
Number Fatalities:	
Pipeline Type:	
Railroad Name:	
Responsible Company:	XCEL ENERGY
Seqnos:	614880
Source:	TELEPHONE
Type Of Incident:	FIXED

Materials Involved

Name Of Material:	SULFURIC ACID
Seqnos:	614880

Unmapped Site: ERNS (837746)

Unmapped Site	ERNS - Emergency Response Notification System	Source: EPA/National Response Center
NRC Report #: 837746		Banks ID: 837746

3RD STREET, AMARILLO, TX

Incident Date Time:	2007-06-06 15:30:00
Responsible Company:	
Source:	TELEPHONE

ERNS Details

Additional Info:	THE LOCATION IS ABOUT A BLOCK PAST AN OLD BEEF PROCESSING PLANT THAT IS CLOSED DOWN.
Additional Medium Info:	//ASPHALT//STREET
Any Fatalities:	N
Description Of Incident:	CALLER IS REPORTING A RELEASE OF MATERIAL FROM A BARREL THAT IS SITTING IN-FRONT OF A BUILDING DUE TO UNKNOWN CAUSES. THE MATERIAL LOOKS TO BE OIL AND IS RUNNING FROM THE BUILDING DOWN THE STREET.
Desc Remedial Action:	NONE
Incident Cause:	UNKNOWN
Incident Date Time:	2007-06-06 15:30:00
Incident Location:	UNDER THE MIRROR BRIDGE
Medium Desc:	LAND
Number Fatalities:	
Pipeline Type:	
Railroad Name:	
Responsible Company:	
Seqnos:	837746
Source:	TELEPHONE
Type Of Incident:	STORAGE TANK

Materials Involved

Name Of Material:	OTHER OIL
Seqnos:	837746

Unmapped Site: SW (PERMAPP_785)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

TCEQ Closed Landfill Inventory
PERMAPP: PERMAPP_785 **SW - Solid Waste** **Banks ID: PERMAPP_785**

.25M S OF IH 40, ON WHITAKER ROAD, IN CITY OF AMARILLO.,
AMARILLO, TX

Unmapped Site: SW (UNUM_1847)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

TCEQ Closed Landfill Inventory
Unnumbered: UNUM_1847 **SW - Solid Waste** **Banks ID: UNUM_1847**

CITY OF AMARILLO

BLK 7 & E PORTION OF BLK 8, W OF AMARILLO INDUSTRIAL PARK., TX

Unmapped Site: SW (UNUM_566)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site		**Source: TCEQ**
TCEQ Closed Landfill Inventory **Unnumbered: UNUM_566**	**SW - Solid Waste**	**Banks ID: UNUM_566**

Boone site

.4 mi W of S Osage extension, TX

Unmapped Site: SPILL (155781)

Unmapped Site		Source: TCEQ
Incident Number: 155781	**SPILL - Spill**	**Banks ID: 155781**
L & L PALLET SUPPLY TRENCH BURNER PORTABLE, AMARILLO, TX		

Incident Type:	Complaint
Notif Rcvd Dt:	
Incident Start Date:	
Media Cd:	WASTE
Incident Status:	Closed
Material:	Sodium hypochlorite
Amount:	0

Unmapped Site: SPILL (178011)

Unmapped Site		Source: TCEQ
Incident Number: 178011	**SPILL - Spill**	**Banks ID: 178011**
MCGEE TRUCKING CO **RT 3, AMARILLO, TX**		

Incident Type:	Complaint
Notif Rcvd Dt:	
Incident Start Date:	2013-01-18
Media Cd:	WASTE
Incident Status:	Closed
Material:	Used Oil
Amount:	0

Unmapped Site: SPILL (17919)

Unmapped Site		Source: TCEQ
Incident Number: 17919	**SPILL - Spill**	**Banks ID: 17919**
COMPLAINT INCIDENT AT 10508 IH-40 E LOWE TRUCK SERVICE, AMARILLO, TX		

Incident Type:	Complaint
Notif Rcvd Dt:	03/04/2003
Incident Start Date:	
Media Cd:	WASTE
Incident Status:	Closed
Material:	Waste oil
Amount:	0

Unmapped Site: SPILL (26481)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site		Source: TCEQ
Incident Number: 26481	SPILL - Spill	Banks ID: 26481

EMERGENCY RESPONSE SITE ON WHITAKER ROAD

SPILL SITE LOCATED .25 MILE S OF IH-40 ON WHITAKER ROAD, AMARILLO, TX

Incident Type:	Emergency Response
Notif Rcvd Dt:	06/29/2003
Incident Start Date:	2003-06-29
Media Cd:	WASTE
Incident Status:	Closed
Material:	Diesel fuel
Amount:	45 GALLONS

Unmapped Site: SPILL (5064)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site		Source: TCEQ
Incident Number: 5064	SPILL - Spill	Banks ID: 5064

7900 I 40 E FUELING DEPOT

FUELING DEPOT (PETRO TRUCK STOP), AMARILLO, TX

Incident Type:	Emergency Response
Notif Rcvd Dt:	07/31/2002
Incident Start Date:	2002-07-31
Media Cd:	WASTE
Incident Status:	Closed
Material:	Diesel fuel
Amount:	30 GALLONS

Unmapped Site: SPILL (17899)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

Incident Number: 17899 **SPILL - Spill** **Banks ID: 17899**

ER SITE BETWEEN MILE MARKERS 141 & 142 ON IH40 E

IH40 E BETWEEN MILE MARKERS 141 & 142 NEAR AMARILLO, AMARILLO, TX

Incident Type:	Emergency Response
Notif Rcvd Dt:	02/27/2003
Incident Start Date:	2003-02-27
Media Cd:	WASTE
Incident Status:	Closed
Material:	Diesel fuel
Amount:	100 GALLONS

Unmapped Site: PST (47470)

Unmapped Site		Source: TCEQ
Facility #: 47470	PST - Petroleum Storage Tank	Banks ID: 47470

ROCK D WAKEFIELD

RT 5 102 YUMA, AMARILLO, TX

Facility Type:	FARM OR RESIDENTIAL
Facility Begin Date:	1989-03-09
Facility Status:	INACTIVE
Facility Exempt Status:	Y
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	ROCK D WAKEFIELD
Contact Phone:	8066221340

Underground Storage Tanks

Ust Id:	123810
Facility Number:	47470
Tceq Customer Id:	78707
Tank Id:	1
Tank Installation Date:	1984-01-01
Tank Capacity:	500
Tank Status:	REMOVED FROM GROUND
Tank Status Begin Date:	1990-01-01
Piping Type:	
Substance Stored:	GASOLINE
Tank Materials:	Steel
Piping Materials:	Steel
Tank Corrosion Protection Method:	
Piping Corrosion Protection Method:	

Unmapped Site: PST (12439)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

Facility #: 12439 **PST - Petroleum Storage Tank** **Banks ID: 12439**

H B JORDAN & CO

1 5 MI E OF WASHBURN, AMARILLO, TX

Facility Type:	UNKNOWN
Facility Begin Date:	1986-08-01
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	JW JORDAN
Contact Phone:	8063723012

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
32445	12439	51492	1	1970-01-01	2000
32446	12439	51492	2	1970-01-01	1000

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1993-08-01		GASOLINE	Steel
REMOVED FROM GROUND	1993-08-01		DIESEL	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		

Unmapped Site: PST (57223)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

Facility #: 57223 **PST - Petroleum Storage Tank** **Banks ID: 57223**

DAMMIER & DAMMIER

RR 2, AMARILLO, TX 79118

Facility Type:	FARM OR RESIDENTIAL
Facility Begin Date:	1991-01-09
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	
Contact Phone:	8063351257

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
137573	57223	87405	1	1978-06-01	10000
137572	57223	87405	2	1978-06-01	10000

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1992-09-22	Suction	GASOLINE	Steel
REMOVED FROM GROUND	1992-09-22	Suction	DIESEL	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		

Unmapped Site: PST (53690)

Unmapped Site		Source: TCEQ
Facility #: 53690	PST - Petroleum Storage Tank	Banks ID: 53690

HOLLYWOOD ROAD WASTEWATER TREAT

S OF CITY, AMARILLO, TX

Facility Type:	FLEET REFUELING
Facility Begin Date:	1990-05-14
Facility Status:	ACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	1
Contact Name:	DEBORAH R FRANKLIN
Contact Phone:	8066220722

Aboveground Storage Tanks

Ast Id:	160706
Facility Number:	53690
Tceq Customer Id:	43675
Tank Id:	1
Tank Installation Date:	1979-01-01
Tank Capacity In Gallons:	2368
Tank Status:	IN USE
Tank Status Begin Date:	1979-01-01
Tank Materials:	Steel
Substance Stored:	DIESEL
Stage I Vapor Recovery:	
Stage I Installation Date:	

Unmapped Site: PST (1534)

Unmapped Site		Source: TCEQ
Facility #: 1534	PST - Petroleum Storage Tank	Banks ID: 1534
BEAZER WEST LAKESIDE, AMARILLO, TX		

Facility Type:	UNKNOWN
Facility Begin Date:	1989-09-01
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	JAMES W DORRIS
Contact Phone:	2142632181

Underground Storage Tanks

Ust Id:	3860
Facility Number:	1534
Tceq Customer Id:	88172
Tank Id:	1
Tank Installation Date:	1963-01-01
Tank Capacity:	1000
Tank Status:	REMOVED FROM GROUND
Tank Status Begin Date:	1991-10-31
Piping Type:	
Substance Stored:	DIESEL
Tank Materials:	Steel
Piping Materials:	Steel
Tank Corrosion Protection Method:	
Piping Corrosion Protection Method:	

Unmapped Site: PST (4220)

Unmapped Site		**Source: TCEQ**
Facility #: 4220	**PST - Petroleum Storage Tank**	**Banks ID: 4220**
FORAN CONSTRUCTION		
POTTER, AMARILLO, TX		

Facility Type:	FLEET REFUELING
Facility Begin Date:	1986-06-18
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	JOE FORAN
Contact Phone:	8063733244

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
10291	4220	42914	1	1971-01-01	500
10292	4220	42914	2	1974-01-01	4000

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1989-08-23		DIESEL	Steel
REMOVED FROM GROUND	1989-08-23		GASOLINE	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		

Unmapped Site: PST (29793)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site — **Source: TCEQ**

Facility #: 29793 — **PST - Petroleum Storage Tank** — **Banks ID: 29793**

TAYLOR PETROLEUM

RT 3 A, AMARILLO, TX

Facility Type:	UNKNOWN
Facility Begin Date:	1986-10-31
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	D L KNOLL
Contact Phone:	8063581301

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
78596	29793	64489	1	1982-01-01	4000
78595	29793	64489	2	1982-01-01	4000
78597	29793	64489	3	1982-01-01	4000

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1990-04-16		GASOLINE	Steel
REMOVED FROM GROUND	1990-04-16		GASOLINE	Steel
REMOVED FROM GROUND	1990-04-16		DIESEL	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		
Steel		

Unmapped Site: PST (65939)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site		**Source: TCEQ**
Facility #: 65939	**PST - Petroleum Storage Tank**	**Banks ID: 65939**

VACANT

RT 5, AMARILLO, TX

Facility Type:	FARM OR RESIDENTIAL
Facility Begin Date:	1987-08-31
Facility Status:	INACTIVE
Facility Exempt Status:	Y
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	AUDREY HICKMAN
Contact Phone:	8063559806

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
171843	65939	98355	1	1987-08-31	3000
172046	65939	98355	2	1987-08-31	

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1994-09-03			Steel
REMOVED FROM GROUND	1994-09-03			

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method

Unmapped Site: PST (16956)

Unmapped Site		Source: TCEQ
Facility #: 16956	PST - Petroleum Storage Tank	Banks ID: 16956
AMARILLO TX ARSR SOUTH OF US 60 66 ON F, AMARILLO, TX		

Facility Type:	
Facility Begin Date:	1986-08-25
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	F W BELL
Contact Phone:	5057661512

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
43126	16956	55535	1	1981-01-01	2000
43127	16956	55535	2	1945-01-01	5000

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1995-12-01		DIESEL	Steel
REMOVED FROM GROUND	1990-07-16	Gravity	USED OIL	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		

Unmapped Site: PST (16917)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site		**Source: TCEQ**
Facility #: 16917	**PST - Petroleum Storage Tank**	**Banks ID: 16917**

BERNSON GEORGE C

RT 3 B, AMARILLO, TX

Facility Type:	UNKNOWN
Facility Begin Date:	1986-08-22
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	G C BERNSON
Contact Phone:	8063830991

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
43011	16917	55500	1	1980-01-01	1000
43010	16917	55500	2	1980-01-01	1000

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1988-07-31		DIESEL	Steel
REMOVED FROM GROUND	1988-07-31		GASOLINE	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		

Unmapped Site: PST (55788)

Unmapped Site		Source: TCEQ
Facility #: 55788	PST - Petroleum Storage Tank	Banks ID: 55788
PANHANDLE WESTERN MCCORMICK, AMARILLO, TX		

Facility Type:	
Facility Begin Date:	1990-09-24
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	CW CROUCH
Contact Phone:	8063524762

Underground Storage Tanks

Ust Id:	135432
Facility Number:	55788
Tceq Customer Id:	85563
Tank Id:	1
Tank Installation Date:	1987-08-31
Tank Capacity:	2000
Tank Status:	REMOVED FROM GROUND
Tank Status Begin Date:	1990-07-03
Piping Type:	
Substance Stored:	UNKNOWN
Tank Materials:	
Piping Materials:	
Tank Corrosion Protection Method:	
Piping Corrosion Protection Method:	

Unmapped Site: PST (55154)

Unmapped Site		Source: TCEQ
Facility #: 55154	PST - Petroleum Storage Tank	Banks ID: 55154

FARM HEADQUARTERS

SE OF AMARILLO, AMARILLO, TX

Facility Type:	FARM OR RESIDENTIAL
Facility Begin Date:	1990-07-27
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	
Contact Phone:	8063721253

Aboveground Storage Tanks

Ast Id:	161655
Facility Number:	55154
Tceq Customer Id:	84088
Tank Id:	1
Tank Installation Date:	1960-01-01
Tank Capacity In Gallons:	12000
Tank Status:	OUT OF USE
Tank Status Begin Date:	2001-08-30
Tank Materials:	Steel
Substance Stored:	DIESEL
Stage I Vapor Recovery:	
Stage I Installation Date:	

Unmapped Site: PST (20082)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

Facility #: 20082 **PST - Petroleum Storage Tank** **Banks ID: 20082**

WHEELABRATOR COAL SER

LAKESIDE HARRINGT, AMARILLO, TX

Facility Type:	UNKNOWN
Facility Begin Date:	1986-09-11
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	DWAYNE STILES
Contact Phone:	8063810261

Underground Storage Tanks

Ust Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity
51728	20082	57171	1	1975-01-01	6000
51727	20082	57171	2	1975-01-01	4000
51726	20082	57171	3	1975-01-01	4000

Tank Status	Tank Status Begin Date	Piping Type	Substance Stored	Tank Materials
REMOVED FROM GROUND	1992-09-23		DIESEL	Steel
REMOVED FROM GROUND	1992-11-16		GASOLINE	Steel
REMOVED FROM GROUND	1992-11-16		DIESEL	Steel

Piping Materials	Tank Corrosion Protection Method	Piping Corrosion Protection Method
Steel		
Steel		
Steel		

Unmapped Site: PST (62946)

Unmapped Site		**Source: TCEQ**
Facility #: 62946	**PST - Petroleum Storage Tank**	**Banks ID: 62946**
MCGEE TRUCKING		
RT 3, AMARILLO, TX		

Facility Type:	UNKNOWN
Facility Begin Date:	1992-05-07
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	
Contact Phone:	8063351814

Aboveground Storage Tanks

Ast Id	Facility Number	Tceq Customer Id	Tank Id	Tank Installation Date	Tank Capacity In Gallons
166191	62946	93595	1	1992-01-01	6000
166192	62946	93595	2	1992-01-01	8000

Tank Status	Tank Status Begin Date	Tank Materials	Substance Stored	Stage I Vapor Recovery
OUT OF USE	2005-08-31	Steel	DIESEL	
OUT OF USE	2005-08-31	Steel	DIESEL	

Unmapped Site: PST (28043)

Unmapped Site		Source: TCEQ
Facility #: 28043	PST - Petroleum Storage Tank	Banks ID: 28043
MARKLE MFG POTTER, AMARILLO, TX		

Facility Type:	
Facility Begin Date:	1986-10-22
Facility Status:	INACTIVE
Facility Exempt Status:	N
Ust Financial Assurance Required:	N
Number Of Usts:	
Number Of Asts:	
Contact Name:	MURIEL BUCKHOLT
Contact Phone:	8063532101

Underground Storage Tanks

Ust Id:	73343
Facility Number:	28043
Tceq Customer Id:	63005
Tank Id:	1
Tank Installation Date:	1971-01-01
Tank Capacity:	1000
Tank Status:	REMOVED FROM GROUND
Tank Status Begin Date:	1990-10-08
Piping Type:	
Substance Stored:	GASOLINE
Tank Materials:	Steel
Piping Materials:	Steel
Tank Corrosion Protection Method:	
Piping Corrosion Protection Method:	

Unmapped Site: RCRA (TXD980598585)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: EPA**

EPA Handler ID: TXD980598585 **RCRA - RCRA** **Banks ID: TXD980598585**

AMERICAN TELEPHONE AND TELEGRAPH LONG DI

9.8 MI W NW L436270, AMARILLO, TX 79107

Active Site Indicator:	Inactive
Activity Location:	TX
Non Notifier:	Not a non-notifier
Receive Date:	2001-08-23
Accessibility:	Not provided
Region:	06
State:	TX
Generator Status Universe:	N
Mailing Address:	811 MAIN ST
Mailing City:	KANSAS CITY
Mailing State:	MO
Mailing Zip Code:	64105
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	811 MAIN ST
Contact City:	KANSAS CITY
Contact State:	MO
Contact Zip:	64105
Contact Title:	
Owner Name:	AMERICAN TELEPHONE AND TELEGRAPH LONG DI
Operator Name:	AMERICAN TELEPHONE AND TELEGRAPH LONG DI
Operator Type:	Not provided
Operator Seq Num:	2
Naics Description:	
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Injection Activity:	N
Receives Waste From Offsite:	N
Universal Waste:	N
Universal Waste Dest Facility:	N
Used Oil Universe:	NNNNNNN
Federal Universal Waste:	N
Federal Indicator:	---
Hsm:	N
Gpra Permit Baseline:	Not on the Baseline
Gpra Renewals Baseline:	Not on the Baseline
Permit Renewal Workload:	------
Permit Workload Universe:	------
Permit Progress Universe:	------
Post Closure Workload Universe:	------
Closure Workload Universe:	------

Under Discretionary Auth Universe:	N
Environmental Control Indicator:	N
Institutional Control Indicator:	N
Human Exposure Indicator:	N
Groundwater Controls Indicator:	N
Full Enforcement Universe:	------
Snc Universe:	N
Unaddressed Snc:	N
Addressed Snc:	N
Snc With Compliance Sched:	N
Financial Assurance Required:	-----
Handler Date Of Last Change:	2004-03-25

Waste Codes

Epa Handler Id	Source Type	Waste Code Type	Waste Description	Active Status
TXD980598585	N	D	CORROSIVE WASTE	Y
TXD980598585	N	D	DESCRIPTION	N

Unmapped Site: RCRA (TXD988041380)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: EPA**

EPA Handler ID: TXD988041380 **RCRA - RCRA** **Banks ID: TXD988041380**

HIGHLAND COMPRESSOR STATION

7M N E, AMARILLO, TX 79101

Active Site Indicator:	Inactive
Activity Location:	TX
Non Notifier:	Not a non-notifier
Receive Date:	2013-03-07
Accessibility:	Not provided
Region:	06
State:	TX
Generator Status Universe:	N
Mailing Address:	801 S PIERCE
Mailing City:	AMARILLO
Mailing State:	TX
Mailing Zip Code:	79101
Contact Name:	HERB HARLESS
Contact Address:	801 S PIERCE
Contact City:	AMARILLO
Contact State:	TX
Contact Zip:	79101
Contact Title:	
Owner Name:	WESTAR TRANSMISSION
Operator Name:	
Operator Type:	Not provided
Operator Seq Num:	
Naics Description:	
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Injection Activity:	N
Receives Waste From Offsite:	N
Universal Waste:	N
Universal Waste Dest Facility:	N
Used Oil Universe:	NNNNNNN
Federal Universal Waste:	N
Federal Indicator:	---
Hsm:	N
Gpra Permit Baseline:	Not on the Baseline
Gpra Renewals Baseline:	Not on the Baseline
Permit Renewal Workload:	------
Permit Workload Universe:	------
Permit Progress Universe:	------
Post Closure Workload Universe:	------
Closure Workload Universe:	------

Under Discretionary Auth Universe:	N
Environmental Control Indicator:	N
Institutional Control Indicator:	N
Human Exposure Indicator:	N
Groundwater Controls Indicator:	N
Full Enforcement Universe:	------
Snc Universe:	N
Unaddressed Snc:	N
Addressed Snc:	N
Snc With Compliance Sched:	N
Financial Assurance Required:	-----
Handler Date Of Last Change:	2013-03-07

Waste Codes

Epa Handler Id	Source Type	Waste Code Type	Waste Description	Active Status
TXD988041380	N	D	CORROSIVE WASTE	Y
TXD988041380	N	D	DESCRIPTION	N
TXD988041380	N	D	IGNITABLE WASTE	Y

Unmapped Site: HW (61023)

Unmapped Site		Source: TCEQ
Register #: 61023	HW - Hazardous Waste	Banks ID: 61023

AT&T ADYU TEXAS

9.8 Mi W NW L436270, Amarillo, TX, Amarillo, TX

Location Description:	9.8 Mi W NW L436270, Amarillo, TX
Tceq Permit:	
Facility Type:	Generator
Status:	INACTIVE
Tceq Facility Id:	19399
Last Nor Update:	2018-02-12
Notification Date:	2001-08-23

Unmapped Site: HW (H0001)

Unmapped Site		Source: TCEQ
Register #: H0001	**HW - Hazardous Waste**	**Banks ID: H0001**

CITY OF AMARILLO

S of Osage, Amarillo, TX, Amarillo, TX

Location Description:	S of Osage, Amarillo, TX
Tceq Permit:	
Facility Type:	Receiver
Status:	INACTIVE
Tceq Facility Id:	33675
Last Nor Update:	2018-02-27
Notification Date:	2001-08-23

Unmapped Site: HW (38116)

Unmapped Site		Source: TCEQ
Register #: 38116	HW - Hazardous Waste	Banks ID: 38116

TRANSLEASE

N 1/2 Section 30 Block 8, I&GN RRC Surv, Amarillo, TX, Amarillo, TX

Location Description:	N 1/2 Section 30 Block 8, I&GN RRC Surv, Amarillo, TX
Tceq Permit:	
Facility Type:	Transporter
Status:	INACTIVE
Tceq Facility Id:	14748
Last Nor Update:	2018-02-23
Notification Date:	1987-08-07

Unmapped Site: SW (785)

Unmapped Site		Source: TCEQ
MSW ID: 785	SW - Solid Waste	Banks ID: 785

CUSTOMIZED SERVICE LANDFILL

.25 MILE S OF IH 40 ON WHITAKER ROAD IN CITY OF AMARILLO, AMARILLO, TX

Program Name:	MSW
Physical Type:	Sanitary Landfill - daily cover required
Legal Status:	WITHDRAWN
Legal Status Date:	1976-09-29
Physical Site Status:	CLOSED
Region:	REGION 01 - AMARILLO
Phys Addr Zip 4:	

Unmapped Site: SPILL (17899)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site | **Source: TCEQ**

Incident #: 17899 | **SPILL - Spill** | **Banks ID: 17899**

ER SITE BETWEEN MILE MARKERS 141 & 142 ON IH40 E

IH40 E BETWEEN MILE MARKERS 141 & 142 NEAR AMARILLO, AMARILLO, TX

Customer Number:	CN600277867
Customer Name:	WERNER ENTERPRISES INC
Mailing Address:	
State:	
Zip Code:	
Incident Status:	CLOSED
Incident Start Date:	2003-02-27
Incident Received Date:	2003-03-27
Incident Status Date:	2003-03-27
Media:	WASTE
Receiving Water Body:	
Incident Source:	Truck
Material Released:	Diesel fuel
Material Released Amount:	100
Spill Classification:	005_HAZMIN
Effect:	ENVIRONMENTAL
Nature:	WASTE - DO NOT USE AFTER 04/04
Incident Comment:	
Incident Action Taken:	
Incident Description:	An accident located between mile marker 141 and 142 on I-40 released 100 gallons of diesel. The spill occurred from a saddle tank on a Werner Enterprises truck. Ecological Environmental responded to the spill and initiated cleanup activities. Final report received, no further action required.
Investigation Number:	
Tceq Region:	REGION 01 - AMARILLO
Spill Quantity:	100 GALLONS

Unmapped Site: SPILL (26481)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site | **Source: TCEQ**

Incident #: 26481 | **SPILL - Spill** | **Banks ID: 26481**

EMERGENCY RESPONSE SITE ON WHITAKER ROAD

SPILL SITE LOCATED .25 MILE S OF IH-40 ON WHITAKER ROAD, AMARILLO, TX 79118

Customer Number:	CN600813745
Customer Name:	CRETE CARRIER CORPORATION
Mailing Address:	
State:	
Zip Code:	
Incident Status:	CLOSED
Incident Start Date:	2003-06-29
Incident Received Date:	2003-08-28
Incident Status Date:	2003-08-28
Media:	WASTE
Receiving Water Body:	
Incident Source:	tractor trailer
Material Released:	Diesel fuel
Material Released Amount:	45
Spill Classification:	005_HAZMIN
Effect:	ENVIRONMENTAL
Nature:	WASTE - DO NOT USE AFTER 04/04
Incident Comment:	
Incident Action Taken:	
Incident Description:	Spill occurred when a diesel saddle tank ruptured, spilling approximately 45 gallons near TA Truck Stop at I-40 and Whitaker. Spill was contained to concrete and asphalt. Final report received, no further action required.
Investigation Number:	
Tceq Region:	REGION 01 - AMARILLO
Spill Quantity:	45 GALLONS

Unmapped Site: HW (RN102403474)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

Regulated Entity Number:
RN102403474 **HW - Hazardous Waste** **Banks ID: RN102403474**

KWIK STOP

AMARILLO POTTER COUNTY TEXAS, AMARILLO, TX 79104.0

Business Type:	RETAIL
Mailing Address:	937 S GRAND ST
Mailing City:	AMARILLO
Mailing State:	TX
Mailing Zip Code:	79104.0

Violations

Regulated Entity Number:	RN102403474
Investigation Number:	1113546
Noe Date:	2013-08-14
Tceq Docket Number And Creation Dates:	2013-1647-PST-E; 2014-FEB-09
Total Violation Count:	2
Notice Of Enforcement Id:	718581722013224
Cat A Violation Tracking Numbers:	511335
Cat A Violation Citations:	26.3475(a); 334.50(b)(2)
Cat B Violation Tracking Numbers:	
Cat B Violation Citations:	
Cat C Violation Tracking Numbers:	
Cat C Violation Citations:	

Unmapped Site: HW (RN105831150)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

Regulated Entity Number:
RN105831150 **HW - Hazardous Waste** **Banks ID: RN105831150**

EL PASO NATURAL GAS PIPELINE POTTER COUNTY

POTTER COUNTY PIPELINE SEGMENT, TX

Business Type:	
Mailing Address:	
Mailing City:	
Mailing State:	
Mailing Zip Code:	

Violations

Regulated Entity Number:	RN105831150
Investigation Number:	872896
Noe Date:	2011-03-15
Tceq Docket Number And Creation Dates:	; 2012-JUN-11
Total Violation Count:	2
Notice Of Enforcement Id:	169315492011013
Cat A Violation Tracking Numbers:	421182
Cat A Violation Citations:	382.085(a)
Cat B Violation Tracking Numbers:	
Cat B Violation Citations:	
Cat C Violation Tracking Numbers:	421634
Cat C Violation Citations:	101.201(a)(2)(F); 101.201(a)(2)(G)

Unmapped Site: HW (RN105163281)

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Unmapped Site **Source: TCEQ**

Regulated Entity Number:
RN105163281 **HW - Hazardous Waste** **Banks ID: RN105163281**

OASIS RV RESORT

AMARILLO POTTER COUNTY TEXAS, AMARILLO, TX

Business Type:	
Mailing Address:	2715 ARNOT RD
Mailing City:	AMARILLO
Mailing State:	TX
Mailing Zip Code:	79124.0

Violations

Regulated Entity Number:	RN105163281
Investigation Number:	886830
Noe Date:	2011-01-21
Tceq Docket Number And Creation Dates:	2011-0163-PWS-E; 2011-SEP-16
Total Violation Count:	11
Notice Of Enforcement Id:	641304452011003
Cat A Violation Tracking Numbers:	
Cat A Violation Citations:	
Cat B Violation Tracking Numbers:	420205; 420211; 420795; 420796; 420836; 420837; 420842; 420843; 420844; 420916; 420917
Cat B Violation Citations:	290.109(c)(2)(A)(i); 290.109(c)(2)(F); 290.109(c)(3)(A)(i); 290.109(c)(3)(A)(ii); 290.122(c)(2)(B); 341.033(d)
Cat C Violation Tracking Numbers:	
Cat C Violation Citations:	

Unmapped Site: HW (RN109218099)

Unmapped Site **Source: TCEQ**

Regulated Entity Number:
RN109218099 **HW - Hazardous Waste** **Banks ID: RN109218099**

EL PAPA ACCESSORIES WHEELS & TIRES

AMARILLO POTTER COUNTY TEXAS, TX 79107.0

Business Type:	
Mailing Address:	1107 E AMARILLO BLVD
Mailing City:	AMARILLO
Mailing State:	TX
Mailing Zip Code:	79107.0

Violations

Regulated Entity Number:	RN109218099
Investigation Number:	1382179
Noe Date:	2016-12-21
Tceq Docket Number And Creation Dates:	2017-0025-MSW-E; 2017-JUN-06
Total Violation Count:	1
Notice Of Enforcement Id:	988518242016351
Cat A Violation Tracking Numbers:	
Cat A Violation Citations:	
Cat B Violation Tracking Numbers:	607248
Cat B Violation Citations:	328.60(a); 361.112(a)
Cat C Violation Tracking Numbers:	
Cat C Violation Citations:	

Court Details

Program:	MUNICIPAL SOLID WASTE
Case Number:	53816
Tceq Docket Number:	2017-0025-MSW-E
Customer Name:	ZAMARIPPA, FERNANDO
County:	POTTER
Order Date:	2017-06-06
Penalty Assessed:	3937
Penalty Deferred:	787
Payable Amount:	3150
Sep Offset:	0
Regulated Entity Number:	RN109218099

Unmapped Site: HW (RN102386893)

Unmapped Site **Source: TCEQ**

Regulated Entity Number:
RN102386893 **HW - Hazardous Waste** **Banks ID: RN102386893**

J-N-B QUICKI SHOP 2

AMARILLO POTTER COUNTY TEXAS, AMARILLO, TX 79108.0

Business Type:	RETAIL
Mailing Address:	4809 RIVER RD
Mailing City:	AMARILLO
Mailing State:	TX
Mailing Zip Code:	79108.0

Violations

Regulated Entity Number:	RN102386893
Investigation Number:	997175
Noe Date:	2012-05-03
Tceq Docket Number And Creation Dates:	2012-0999-PST-E; 2012-NOV-22
Total Violation Count:	2
Notice Of Enforcement Id:	673401232012102
Cat A Violation Tracking Numbers:	463708
Cat A Violation Citations:	26.3475(a); 334.50(b)(2)
Cat B Violation Tracking Numbers:	
Cat B Violation Citations:	
Cat C Violation Tracking Numbers:	
Cat C Violation Citations:	

Dataset	Source	Dataset Description	Update Schedule	Requested Date	Received Date	Update Date	Source Update Date
RCRA COR - RCRA - Corrective Actions (FED)	EPA	These sites are registered hazardous waste generators or handlers that fall under the Resource Conservation and Recovery Act (RCRA) and subject to corrective action activity.	Quarterly	2025-07-29	2025-07-29	2025-08-04	2025-07-28
RCRA TSD - RCRA - Treatment, Storage, Disposal (FED)	EPA	This database lists all treatment, storage and disposal of hazardous material sites that fall under the Resource Conservation and Recovery Act (RCRA). All hazardous waste TSD facilities are required to notify EPA of their existence.	Quarterly	2025-07-29	2025-07-29	2025-08-04	2025-07-28
RCRA - RCRA (FED)	EPA	This database lists all sites that fall under the Resource Conservation and Recovery Act (RCRA) and are not classifiable as treatment, storage, disposers of hazardous material, hazardous waste generator or subject to corrective action activity.	Quarterly	2025-07-29	2025-07-29	2025-08-04	2025-07-28
CER NPL - CERCLIS - National Priority List (FED)	EPA	NPL is the list of high priority hazardous waste sites in the United States eligible for long-term remedial action financed under the federal Superfund program or SEMS database (formerly known as the CERCLIS database). The EPA will only add sites to the NPL list based upon completion of the Hazard Ranking System (HRS) screening, public solicitation of comments about the proposed site, and after all comments have been addressed.	Quarterly	2025-07-29	2025-07-29	2025-07-29	2025-06-26
CER - CERCLIS (FED)	EPA	The EPA maintains the SEMS database to track sites under the Comprehensive Environmental Response, Compensation, and Liability Act, a federal law designed to clean up abandoned hazardous waste sites. These sites are either proposed, listed or under review currently to be a part of the National Priority List.	Quarterly	2025-07-29	2025-07-29	2025-07-29	2025-06-26
CER NFRAP - CERCLIS - No Further Remedial Action Planned (FED)	EPA	From the Superfund Enterprise Management System (SEMS) database No Further Remedial Action Planned or NFRAP have been removed from the listing. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the site being placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.	Quarterly	2025-07-29	2025-07-29	2025-07-29	2025-06-26
CER DNPL - CERCLIS - Delisted National Priority List (FED)	EPA	DNPL is a list of all sites that have been deleted from the EPA NPL list (SEMS database). These sites are taken off the NPL list usually due to no further response or remedial action being required on them. Notices to delete NPL sites are published in the Federal Register and become effective unless the EPA receives significant adverse or critical comments during the 30-day public comment period.	Quarterly	2025-07-29	2025-07-29	2025-07-29	2025-06-26
FED BF - Federal Brownfield (FED)	EPA	A listing of sites that assist the EPA in collecting, tracking, and updating information of sites in relation to the Small Business Liability Relief and Brownfields Revitalization Act. These sites are real property that is either abandoned or underutilized where redevelopment or expansion is complicated by real or perceived environmental contamination.	Quarterly	2025-08-25	2025-08-25	2025-08-27	2025-08-25

Dataset	Source	Dataset Description	Update Schedule	Requested Date	Received Date	Update Date	Source Update Date
RCRA LQG - RCRA - Large Quantity Generators (FED)	EPA	The EPA regulates all Hazardous Waste Generators subject to the Resource Conservation and Recovery Act (RCRA). They are classified by the quantity of hazardous waste generated. A Large Quantity Generator (LQG) generates over 1,000 kg of waste per month.	Quarterly	2025-07-29	2025-07-29	2025-08-04	2025-07-28
FED EC - Federal Engineering Control (FED)	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination. ECs are a type of Activity and Use Limitation (AUL).	Quarterly	2025-08-25	2025-08-25	2025-08-27	2025-08-25
ERNS - Emergency Response Notification System (FED)	EPA/National Response Center	ERNS is a national database used to store information on unauthorized releases of oil and hazardous substances that have been reported to the National Response Center since 2001. The NRC is the sole federal point of contact for reporting oil and chemical spills. Prior to 2001 this information was maintained by the EPA.	Annually	2025-01-28	2025-01-28	2025-01-29	2025-01-28
FED IC - Federal Institutional Control (FED)	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use. ICs are meant to supplement Engineering Controls and will rarely be the sole remedy at a site. ICs are a type of Activity and Use Limitation (AUL).	Quarterly	2025-08-25	2025-08-25	2025-08-27	2025-08-25
RCRA VSG - RCRA - Very Small Quantity Generators (FED)	EPA	The EPA regulates all Hazardous Waste Generators subject to the Resource Conservation and Recovery Act (RCRA). They are classified by the quantity of hazardous waste generated. A Very Small Quanity Generator (VSG) generates less than 100 kg of waste per month.	Quarterly	2025-07-29	2025-07-29	2025-08-04	2025-07-28
PFAS - PFAS Contamination (FED)	US Environmental Protection Agency	This dataset originates from the U.S. Environmental Protection Agency's (EPA) cross-agency effort to address per and polyfluoroalkyl substances (PFAS) and make that work transparent. The tools are intended to provide states, tribes, federal partners, and the public with information on PFAS manufacture, release, and occurrence in the environment as well as facilities potentially handling PFAS. These tools combine multiple data sources so that the user can explore various PFAS data in a region, state, or community. This source does not include all PFAS data, information, or resources.	Quarterly	2025-09-12	2025-09-12	2025-09-12	2025-09-12
RCRA SQG - RCRA - Small Quantity Generators (FED)	EPA	The EPA regulates all Hazardous Waste Generators subject to the Resource Conservation and Recovery Act (RCRA). They are classified by the quantity of hazardous waste generated. A Small Quantity Generator (SQG) generates between 100kg and 1,000 kg of waste per month.	Quarterly	2025-07-29	2025-07-29	2025-08-04	2025-07-28
ST PL - State National Priority List (TX)	TCEQ	This database contains sites determined by the TCEQ that may constitute an imminent and substantial endangerment to public health and safety or to the environment due to a release or threatened release of hazardous substances into the environment.	Quarterly	2025-08-05	2025-08-06	2025-08-18	2025-08-05

Dataset	Source	Dataset Description	Update Schedule	Requested Date	Received Date	Update Date	Source Update Date
HW - Hazardous Waste (TX)	TCEQ	This database contains information on facilities which store, process, or dispose of hazardous waste as maintained by the Industrial and Hazardous Waste Permits section of the TCEQ.	Quarterly	2025-07-29	2025-07-29	2025-07-29	2024-05-06
BF - State Brownfield (TX)	TCEQ	Brownfield sites are former industrial properties that lie dormant or underutilized due to liability associated with real or perceived contamination. In Texas, the TCEQ, in close partnership with the EPA and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of Brownfield's through the development of regulatory, tax, and technical assistance tools.	Quarterly	2025-07-08	2025-07-08	2025-07-08	2025-07-07
VCP - Voluntary Cleanup Program (TX)	RRC	The Operator Cleanup Program (OCP) under the Site Remediation Section is tasked with oversight of complex pollution cleanups performed by the oil and gas industry. Complex sites include those that occur in sensitive environmental areas as defined by 16 TAC3.91 (SWR 91) and may require site specific cleanup levels based on risk.	Quarterly	2025-08-15	2025-08-15	2025-08-18	2025-08-15
HW - Hazardous Waste (TX)	TCEQ	This dataset lists various court orders affecting a site, including Notices of Enforcement and Administrative Orders.	Quarterly	2025-09-15	2025-09-15	2025-09-15	2025-09-13
SW - Solid Waste (TX)	TCEQ	This database is a listing of closed and abandoned municipal solid waste landfills. The sites included are either unauthorized (UNUM_) or permitted (PERMAPP_).	Historical	2011-03-06	2011-03-06	2011-03-06	2011-03-06
BF - State Brownfield (TX)	RRC	The Railroad Commission of Texas' Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.	Quarterly	2025-07-14	2025-07-14	2025-07-17	2025-07-14
VCP - Voluntary Cleanup Program (TX)	RRC	The Railroad Commission of Texas Voluntary Cleanup Program provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination.	Quarterly	2025-07-14	2025-07-14	2025-07-17	2025-07-14
LPST - Leaking Petroleum Storage Tank (TR6)	EPA	The Tribal LUST database (maintained by EPA Region 6) provides information on leaking underground storage tank on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	2025-07-30	2025-07-30	2025-07-30	2025-04-21
HW COR - Hazardous Waste Corrective Action (TX)	TCEQ	The mission of the TCEQ's industrial and hazardous waste (IHW) corrective action program is to oversee the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes.	Quarterly	2025-08-05	2025-08-13	2025-08-18	2025-08-07
VCP - Voluntary Cleanup Program (TX)	TCEQ	This database contains sites from the Voluntary Cleanup Program (VCP). The VCP records contain information on contaminated sites that private parties have cleaned up through assistance from the State in the form of administrative, technical, and legal incentives.	Quarterly	2025-08-05	2025-08-13	2025-08-18	2025-08-13
LPST - Leaking Petroleum Storage Tank (TX)	TCEQ	This database contains information on leaking storage tanks, equipment failures, compliance, and releases in the state.	Quarterly	2025-08-12	2025-08-12	2025-08-18	2025-08-04

Dataset	Source	Dataset Description	Update Schedule	Requested Date	Received Date	Update Date	Source Update Date
SW - Solid Waste (TX)	TCEQ	The SWLF database contains records of municipal solid waste facilities that may accept various types of municipal solid waste for processing or disposal, depending on the type of facility. A Municipal Solid Waste facility may also accept certain special wastes and non-hazardous industrial solid wastes if approved by the TCEQ executive director.	Quarterly	2025-07-08	2025-07-08	2025-07-08	2025-07-04
VCP - Voluntary Cleanup Program (TX)	TCEQ	This database contains sites from the Innocent Operator Program (IOP). The IOP records are sites that have received certificates from the State acknowledging that their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination.	Quarterly	2025-08-05	2025-08-13	2025-08-18	2025-08-13
REG - Regulatory Notices and Violations (TX)	TCEQ	Investigations resulting in a Notice of Violation (NOV) and the details associated with each violation. An investigation may be listed more than once if there were multiple violations associated to that investigation. Multiple violations may be due to identified noncompliance with different regulatory requirements (citations).	Historical	2025-05-21	2025-05-21	2025-05-21	2024-07-02
DRYC - Dry Cleaner (TX)	TCEQ	Dry Cleaner data houses both the DCRP Program information and PERC information released by the TCEQ. The DCRP database contains records funded for state-lead clean up of dry cleaner related contaminated sites. The DCRP administers the Dry Cleaning Facility Release Fund to assist with remediation of contamination caused by dry cleaning solvents. There are two listings from this program: LIST#1 - A historic listing of any facility that registered with the DCRP indicating whether or not the facility has used Perchloroethylene (PERC) in the past. LIST#2 - A Prioritization list of dry cleaner sites Facilities on this list will be investigated in order to determine the existence and or extent of possible contamination. Facilities which are not current on their DCRP payments get dropped from the program.	Quarterly	2025-08-07	2025-08-07	2025-08-07	2025-03-31
PST - Petroleum Storage Tank (TX)	TCEQ	This database contains information on above and underground storage tanks, compliance, and releases in the state.	Quarterly	2025-08-18	2025-08-18	2025-08-19	2025-08-07
IC - State Institutional Control (TX)	RRC	The Railroad Commission of Texas Voluntary Cleanup Program provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination.	Quarterly	2025-07-14	2025-07-14	2025-07-17	2025-07-14
MSD - Municipal Setting Designation (TX)	TCEQ	TCEQ defines a Municipal Settings Designation (MSD) as an official state designation given to a property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level. The prohibition must be in the form of a city ordinance, or a restrictive covenant that is enforceable by the city and filed in the property records.	Quarterly	2025-08-15	2025-08-19	2025-08-27	2025-08-25

Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Requested Date	Received Date	Update Date	Source Update Date
AP - Affected Property (TX)	TCEQ	The Texas Groundwater Protection Committee (TGPC) Joint Groundwater Monitoring and Contamination Report, SFR-56 lists all active and inactive groundwater contamination cases in the state and their enforcement status	Quarterly	2025-07-08	2025-07-08	2025-07-08	2025-05-08
DRYC - Dry Cleaner (FED)	Banks Enviro nmental Data	This is a listing of sites generated through internal research at Banks Environmental Data which once contained a dry cleaning facility	Historical	2023-07-19	2023-07-19	2023-07-19	2023-07-19
SPILL - Spill (TX)	TCEQ	Historical Emergency Response Spills once tracked by TCEQ's Consolidated Compliance and Enforcement Data System, contains "open", "closed", and "referred" incidents dating back to 2001.	Historical	2022-09-09	2022-10-04	2025-04-21	2022-10-04
EC - State Engineering Control (TX)	TCEQ	This database includes Voluntary Cleanup Program (VCP) or Innocent Operator Program (IOP) sites that have been remediated and have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination.	Quarterly	2025-08-05	2025-08-13	2025-08-18	2025-08-13
PST - Petroleum Storage Tank (TR6)	EPA	The Tribal UST database (maintained by EPA Region 6) provides underground storage tank information on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	2025-07-30	2025-07-30	2025-07-30	2025-04-21
SPILL - Spill (TX)	TCEQ	Emergency Response Spills received by the TCEQ are assigned an Incident Tracking Number. The information submitted by the reporting party is documented and associated to that unique number and then further investigated. An Incident Tracking Number may be listed more than once if there are multiple Customer Names, Released Materials, Media, and/or Effects. Contains "closed" and "referred" incidents.	Quarterly	2025-08-27	2025-08-27	2025-09-02	2025-08-27
AP - Affected Property (TX)	TCEQ	The purpose of the APAR is to document all relevant affected property information to identify all release sources and COCs, determine the extent of all COCs, identify all transport/exposure pathways, and to determine if any response actions are necessary.	Quarterly	2025-06-17	2025-06-26	2025-07-08	2025-06-11
IC - State Institutional Control (TX)	TCEQ	This database includes Voluntary Cleanup Program (VCP) or Innocent Operator Program (IOP) sites that have been remediated and have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use.	Quarterly	2025-08-05	2025-08-13	2025-08-18	2025-08-13

Disclaimer

The Banks Environmental Data Regulatory Database Report was prepared based upon data obtained from State, Tribal, and Federal sources known to Banks Environmental Data at the time the data was obtained. Great care has been taken by Banks in obtaining the best available data from the best available sources. However, there is a possibility that there are sources of data applicable or pertaining to this report's target property, and/or surrounding properties, to which Banks does not have access or has not accessed. Furthermore, although Banks Environmental Data performs quality assurance and quality control on all data, including data it obtains, Banks recognizes that inaccuracies in data from these sources may, and do, exist; accordingly, inaccurate data may have been used or relied upon in the preparation of this report. Even though Banks Environmental Data performs a thorough and diligent search to locate and fix any inaccuracies in the data relied upon in the preparation of this report, Banks cannot guarantee or warrant the accuracy of the locations, information, data, or report. The purchaser of this report accepts this report "as is" and assumes all risk related to any potential in accuracy contained in the report or not reported in it, whether due to a reliance by Banks Environmental Data on inaccurate data, or for any other reason [including but not limited to the negligence or express negligence of Banks Environmental Data]. If this report is being used for the Records Review section of a Phase I Site Assessment according to the ASTM 1527-21, for EPA's All Appropriate Inquiry, or for any other purpose (public or private), all liability and responsibility is assumed by the Environmental Professional or other individual or entity acquiring the report.

Date: 2024
Source: USDA

0 500 1,000 2,000 Feet

BANKS
ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Date: 2016
Source: USDA

0 500 1,000 2,000 Feet

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Date: 2010
Source: USDA

0 500 1,000 2,000 Feet

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Date: 2004
Source: USDA

0 500 1,000 2,000 Feet

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Date: 1995
Source: USGS

0 500 1,000 2,000 Feet

BANKS
ENVIRONMENTAL DATA
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Date: 1985
Source: USGS

0 500 1,000 2,000 Feet

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Date: 1973
Source: USGS

0 500 1,000 2,000 Feet

BANKS ENVIRONMENTAL DATA
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Date: 1967
Source: USGS

0 500 1,000 2,000 Feet

BANKS
ENVIRONMENTAL DATA
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Date: 1953
Source: USGS

0 500 1,000 2,000 Feet

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Date: 1942
Source: ASCS

0 500 1,000 2,000 Feet

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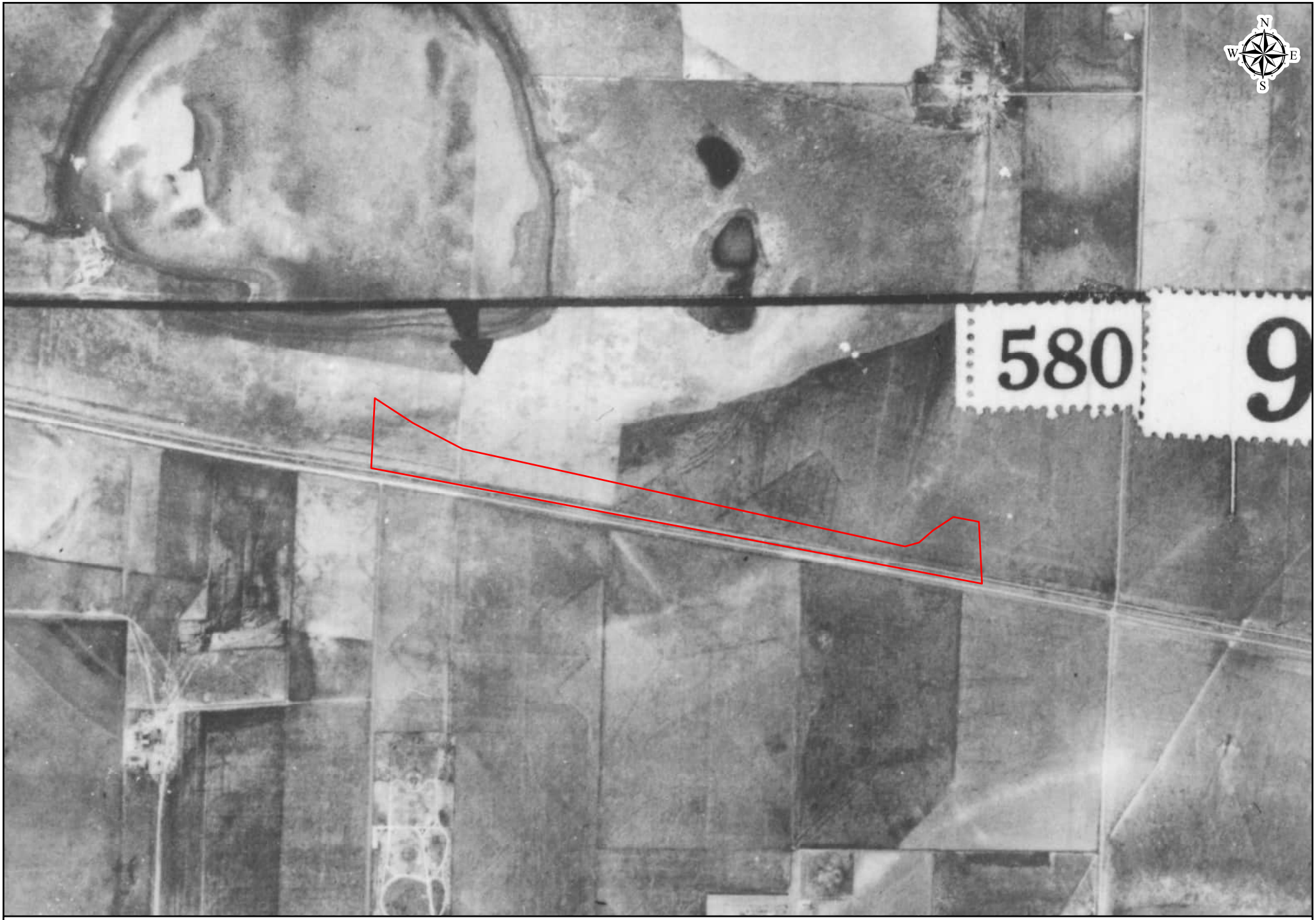

Date: 1938
Source: ASCS

0 500 1,000 2,000 Feet

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AERIAL SOURCE DEFINITIONS

Acronym	Agency
NASA	National Aeronautics & Space Administration
AMS	Army Mapping Service
ASCS	Agricultural Stabilization & Conservation Service
SCS	Soil Conservation Service
USBR	United States Bureau of Reclamation
Fairchild	Fairchild Aerial Surveys
TXDOT	Texas Department of Transportation
BLM	Bureau of Land Management
USAF	United States Air Force
USCOE	United States Corps of Engineers
USDA	United States Department of Agriculture
USGS	United States Geological Survey
WALLACE	Wallace-Zingery Aerial Surveys
TNRIS	Texas Natural Resources Information System

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Attachment D

2025 Monitoring Well Data

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ANALYTICAL REPORT

PREPARED FOR

Attn: Peyton DeMarais
Talon/LPE
921 N. Bivins St.
Amarillo, Texas 79107

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JOB DESCRIPTION

BNSF MW Sampling Amarillo
Amarillo TX

JOB NUMBER

860-110042-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

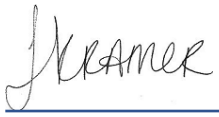
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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9/3/2025 12:47:45 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Table of Contents

Definitions/Glossary

Client: Talon/LPE
Project/Site: BNSF MW Sampling Amarillo

Job ID: 860-110042-1
SDG: Amarillo TX

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 860-110042-1 — Eurofins Houston

Job Narrative
860-110042-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 8/26/2025 8:50 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Hydrocarbons
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Talon/LPE
Project/Site: BNSF MW Sampling Amarillo

Job ID: 860-110042-1
SDG: Amarillo TX

Client Sample ID: MW

Lab Sample ID: 860-110042-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00169		0.00100	0.000475	mg/L	1		8260C	Total/NA
Ethylbenzene	0.00199		0.00100	0.000385	mg/L	1		8260C	Total/NA
m,p-Xylenes	0.00347		0.00200	0.00124	mg/L	1		8260C	Total/NA
o-Xylene	0.000776	J	0.00100	0.000502	mg/L	1		8260C	Total/NA
Xylenes, Total	0.00425		0.00200	0.00124	mg/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW

Date Collected: 08/25/25 12:50
Date Received: 08/26/25 08:50

Lab Sample ID: 860-110042-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 01:08	1
Toluene	**0.00169**		0.00100	0.000475	mg/L			08/29/25 01:08	1
Ethylbenzene	**0.00199**		0.00100	0.000385	mg/L			08/29/25 01:08	1
m,p-Xylenes	**0.00347**		0.00200	0.00124	mg/L			08/29/25 01:08	1
o-Xylene	**0.000776**	**J**	0.00100	0.000502	mg/L			08/29/25 01:08	1
Xylenes, Total	**0.00425**		0.00200	0.00124	mg/L			08/29/25 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/29/25 01:08*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*08/29/25 01:08*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*08/29/25 01:08*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/29/25 01:08*	*1*

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<0.856	U	4.84	0.856	mg/L		08/28/25 10:07	08/30/25 21:04	1
>C12-C28	<0.835	U	4.84	0.835	mg/L		08/28/25 10:07	08/30/25 21:04	1
>C28-C35	<0.835	U	4.84	0.835	mg/L		08/28/25 10:07	08/30/25 21:04	1
Total TPH 1005	<0.856	U	4.84	0.856	mg/L			08/30/25 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*08/28/25 10:07*	*08/30/25 21:04*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*08/28/25 10:07*	*08/30/25 21:04*	*1*

Surrogate Summary

Client: Talon/LPE
Project/Site: BNSF MW Sampling Amarillo

Job ID: 860-110042-1
SDG: Amarillo TX

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-110002-D-1 MS	Matrix Spike	109	87	91	94
860-110042-1	MW	106	92	93	96
LCS 860-258541/3	Lab Control Sample	109	90	94	94
LCSD 860-258541/4	Lab Control Sample Dup	107	91	93	94
MB 860-258541/8	Method Blank	111	94	94	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO	OTPH
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
860-110042-1	MW	103	105
LCS 860-258396/2-A	Lab Control Sample	124	126
LCSD 860-258396/3-A	Lab Control Sample Dup	126	130
MB 860-258396/1-A	Method Blank	104	102

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-258541/8
Matrix: Water
Analysis Batch: 258541

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/28/25 23:25	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/28/25 23:25	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/28/25 23:25	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 23:25	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/28/25 23:25	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*		*08/28/25 23:25*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*08/28/25 23:25*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 131*		*08/28/25 23:25*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/28/25 23:25*	*1*

Lab Sample ID: LCS 860-258541/3
Matrix: Water
Analysis Batch: 258541

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04642		mg/L		93	75 - 125		
Toluene			0.0500	0.04705		mg/L		94	75 - 130		
Ethylbenzene			0.0500	0.05023		mg/L		100	75 - 125		
m,p-Xylenes			0.0500	0.05095		mg/L		102	75 - 125		
o-Xylene			0.0500	0.05199		mg/L		104	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*
4-Bromofluorobenzene (Surr)	*90*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 860-258541/4
Matrix: Water
Analysis Batch: 258541

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04596		mg/L		92	75 - 125	1	25
Toluene			0.0500	0.04659		mg/L		93	75 - 130	1	25
Ethylbenzene			0.0500	0.04925		mg/L		98	75 - 125	2	25
m,p-Xylenes			0.0500	0.04976		mg/L		100	75 - 125	2	25
o-Xylene			0.0500	0.05066		mg/L		101	75 - 125	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*
4-Bromofluorobenzene (Surr)	*91*		*74 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 131*
Toluene-d8 (Surr)	*94*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-110002-D-1 MS
Matrix: Water
Analysis Batch: 258541

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000460	U	0.0500	0.03781		mg/L		76	66 - 142
Toluene	0.00973		0.0500	0.04861		mg/L		78	59 - 139
Ethylbenzene	0.0407		0.0500	0.08253		mg/L		84	75 - 125
m,p-Xylenes	0.0743		0.0500	0.1153		mg/L		82	75 - 125
o-Xylene	0.0210		0.0500	0.06358		mg/L		85	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*
4-Bromofluorobenzene (Surr)	*87*		*74 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 131*
Toluene-d8 (Surr)	*94*		*80 - 120*

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Lab Sample ID: MB 860-258396/1-A
Matrix: Water
Analysis Batch: 258989

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258396

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<0.885	U	5.00	0.885	mg/L		08/28/25 10:07	08/30/25 20:48	1
>C12-C28	<0.863	U	5.00	0.863	mg/L		08/28/25 10:07	08/30/25 20:48	1
>C28-C35	<0.863	U	5.00	0.863	mg/L		08/28/25 10:07	08/30/25 20:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*08/28/25 10:07*	*08/30/25 20:48*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*08/28/25 10:07*	*08/30/25 20:48*	*1*

Lab Sample ID: LCS 860-258396/2-A
Matrix: Water
Analysis Batch: 258989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258396

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C6-C12			100	108.9		mg/L		109	75 - 125
>C12-C28			100	117.1		mg/L		117	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*124*		*70 - 130*
o-Terphenyl (Surr)	*126*		*70 - 130*

Lab Sample ID: LCSD 860-258396/3-A
Matrix: Water
Analysis Batch: 258989

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258396

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C12			100	112.2		mg/L		112	75 - 125	3	20
>C12-C28			100	115.0		mg/L		115	75 - 125	2	20

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Lab Sample ID: LCSD 860-258396/3-A
Matrix: Water
Analysis Batch: 258989

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258396

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	130		70 - 130

QC Association Summary

Client: Talon/LPE
Project/Site: BNSF MW Sampling Amarillo

Job ID: 860-110042-1
SDG: Amarillo TX

GC/MS VOA

Analysis Batch: 258541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110042-1	MW	Total/NA	Water	8260C	
MB 860-258541/8	Method Blank	Total/NA	Water	8260C	
LCS 860-258541/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-258541/4	Lab Control Sample Dup	Total/NA	Water	8260C	
860-110002-D-1 MS	Matrix Spike	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 258396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110042-1	MW	Total/NA	Water	TX_1005_W_Prep	
MB 860-258396/1-A	Method Blank	Total/NA	Water	TX_1005_W_Prep	
LCS 860-258396/2-A	Lab Control Sample	Total/NA	Water	TX_1005_W_Prep	
LCSD 860-258396/3-A	Lab Control Sample Dup	Total/NA	Water	TX_1005_W_Prep	

Analysis Batch: 258989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110042-1	MW	Total/NA	Water	TX 1005	258396
MB 860-258396/1-A	Method Blank	Total/NA	Water	TX 1005	258396
LCS 860-258396/2-A	Lab Control Sample	Total/NA	Water	TX 1005	258396
LCSD 860-258396/3-A	Lab Control Sample Dup	Total/NA	Water	TX 1005	258396

Analysis Batch: 259187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110042-1	MW	Total/NA	Water	TX 1005	

Lab Chronicle

Client: Talon/LPE
Project/Site: BNSF MW Sampling Amarillo

Job ID: 860-110042-1
SDG: Amarillo TX

Client Sample ID: MW
Date Collected: 08/25/25 12:50
Date Received: 08/26/25 08:50

Lab Sample ID: 860-110042-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	258541	08/29/25 01:08	A1S	EET HOU
Total/NA	Prep	TX_1005_W_Prep			31 mL	3 mL	258396	08/28/25 10:07	IS	EET HOU
Total/NA	Analysis	TX 1005		1			258989	08/30/25 21:04	W1N	EET HOU
Total/NA	Analysis	TX 1005		1			259187	08/30/25 21:04	RJT	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: BNSF MW Sampling Amarillo

Job ID: 860-110042-1
SDG: Amarillo TX

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Method Summary

Client: Talon/LPE
Project/Site: BNSF MW Sampling Amarillo

Job ID: 860-110042-1
SDG: Amarillo TX

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
TX 1005	Texas - Total Petroleum Hydrocarbon (GC)	TCEQ	EET HOU
5030C	Purge and Trap	SW846	EET HOU
TX_1005_W_Prep	Extraction - Texas Total petroleum Hyrdocarbons	TCEQ	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TCEQ = Texas Commission of Environmental Quality

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Talon/LPE
Project/Site: BNSF MW Sampling Amarillo

Job ID: 860-110042-1
SDG: Amarillo TX

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-110042-1	MW	Water	08/25/25 12:50	08/26/25 08:50	Texas

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

TRK# 8839 4591 0755

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Peyton DeMarais	Bill to: (if different)	
Company Name:	Talon/LPE	Company Name:	
Address:	921 N Bivins Street	Address:	
City, State ZIP:	Amarillo, Texas 79107	City, State ZIP:	
Phone:	469-338-2553	Email:	pdemarais@talonlpe.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other

Project Name:	BNSF MW Sampling Amarillo	Turn Around	☑ Routine ☐ Rush
Project Number:	701200.004.36	Due Date:	
Project Location:	Amarillo, TX	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	B. Jamison		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX	Parameters: TPH	Sample Comments
MW	L	8/25/2025	12:50		Grab	6		X	X	

860-110042 Chain of Custody

29/27
Nov 368

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Brayden Jamison	FedEx	8-25-25 16:30	2	[illegible]	8-26-25 8:30
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 860-110042-1
SDG Number: Amarillo TX

Login Number: 110042
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Attachment E

Payment Voucher

TCEQ ePay Receipt

Transaction Information

Trace Number:	582EA000685928
Date:	09/22/2025 07:15 PM
Payment Method:	CC - Authorization 000005972Z
ePay Actor:	NAOMI WALKER
TCEQ Amount:	$315.00
Texas.gov Fee:	$7.34
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.

Payment Contact Information

Name:	NAOMI WALKER
Company:	ERM ON BEHALF OF BNSF
Address:	11801 DOMAIN BOULEVARD 03B100, AUSTIN, TX 78758
Phone:	360-929-3484

Cart Items

Voucher	Fee Description	AR Number	Amount
784369	WW PERMIT - MINOR FACILITY NOT SUBJECT TO 40 CFR 400-471 - RENEWAL		$300.00
784370	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		$15.00
		TCEQ Amount:	**$315.00**

TCEQ ePay Voucher Receipt

Transaction Information

Voucher Number:	784369
Trace Number:	582EA000685928
Date:	09/22/2025 07:15 PM
Payment Method:	CC - Authorization 000005972Z
Voucher Amount:	$300.00
Fee Type:	WW PERMIT - MINOR FACILITY NOT SUBJECT TO 40 CFR 400-471 - RENEWAL
ePay Actor:	NAOMI WALKER

Payment Contact Information

Name:	NAOMI WALKER
Company:	ERM ON BEHALF OF BNSF
Address:	11801 DOMAIN BOULEVARD 03B100, AUSTIN, TX 78758
Phone:	360-929-3484

Site Information

Site Name:	AMARILLO EASTERN FUELING FACILITY
Site Location:	LOCATED N OF SE 3RD AVE APPROX 0.25 MILE WEST OF LAKESIDE DR IN AMARILLO

Customer Information

Customer Name:	BNSF RAILWAY COMPANY
Customer Address:	2500 LOU MENK DRIVE AOB-3, FORTH WORTH, TX 76131

Other Information

Program Area ID:	0002376000
Comments:	Permit Renewal Fee for BNSF Amarillo Eastern Fueling facility WQ0002376000

TCEQ ePay Voucher Receipt

Transaction Information

Voucher Number:	784370
Trace Number:	582EA000685928
Date:	09/22/2025 07:15 PM
Payment Method:	CC - Authorization 000005972Z
Voucher Amount:	$15.00
Fee Type:	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE
ePay Actor:	NAOMI WALKER

Payment Contact Information

Name:	NAOMI WALKER
Company:	ERM ON BEHALF OF BNSF
Address:	11801 DOMAIN BOULEVARD 03B100, AUSTIN, TX 78758
Phone:	360-929-3484

Attachment F

Core Data Form

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

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

☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 600276901		RN 102806833

SECTION II: Customer Information

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

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

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

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

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
0800768525	14160340007	416034000	063624324

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

12. Number of Employees	13. Independently Owned and Operated?
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher	☒ Yes ☐ No

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

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

15. Mailing Address:	2500 Lou Menk Drive AOB3						
	City	Fort Worth	State	TX	ZIP	76131	ZIP + 4

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	sanders.kilpatrick@bnsf.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(817) 352-0027		(817) 352-7749

SECTION III: Regulated Entity Information

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

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

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

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

Amarillo Eastern Fueling Facility

23. Street Address of the Regulated Entity: (No PO Boxes)	No street address							
	City		State		ZIP		ZIP + 4	
24. County	Potter							

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

25. **Description to Physical Location:**	Located north of SE 3rd Avenue, approximately 0.25 miles west of Lakeside Drive in the City of Amarillo, Potter County, Texas

26. Nearest City	State	Nearest ZIP Code
Amarillo	TX	79112

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

27. **Latitude (N)** In Decimal:	35.2035°	28. Longitude (W) In Decimal:	-101.7604°

Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
35	12	12.5994	-101	45	37.44

29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)
4011	4013	482111	488210

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

Diesel-locomotive refueling facility

34. Mailing Address:	2500 Lou Menk Drive AOB3							
	City	Fort Worth	State	TX	ZIP	76131	ZIP + 4	

35. E-Mail Address:	Sanders.kilpatrick@bnsf.com

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(817) 352-0027		(817) 352-7749

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0002376000			

SECTION IV: Preparer Information

40. Name:	Sanders Kilpatrick	**41. Title:**	Manager Environmental Operations

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(817) 352-0027		(817) 352-7749	sanders.kilpatrick@bnsf.com

SECTION V: Authorized Signature

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

Company:	BNSF Railway Company	**Job Title:**	Manager Environmental Operations
Name *(In Print):*	Sanders Kilpatrick	**Phone:**	(817) 352- **0027**
Signature:		**Date:**	10/8/2025

Attachment G

Supplemental Permit Information Form (SPIF)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

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

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

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

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. 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.

The following applies to all applications:

1. Permittee: BNSF Railway Company

   Permit No. WQ00 02376000 EPA ID No. TX 0119261

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

   Located north of SE 3rd Avenue, approximately 0.25 miles west of Lakeside Drive in the City of Amarillo, Potter County, Texas

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

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

First and Last Name: Sanders Kilpatrick

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: Manager of Environmental Operations

Mailing Address: 2500 Lou Menk Drive AOB3

City, State, Zip Code: Fort Worth, TX 76131

Phone No.: 817-352-0027 Ext.: N/A Fax No.: 817-352-7749

E-mail Address: sanders.kilpatrick@bnsf.com

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

N/A

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

To a playa lake basin in the watershed of the Upper Prairie Dog Town Fork of the Red River, Classified Segment 0229 of the Red River Basin

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

N/A

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

No disturbances; vegetation is dry scrub brush and tumbleweeds. Land use: railroad right-of-way.

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

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

N/A

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

N/A

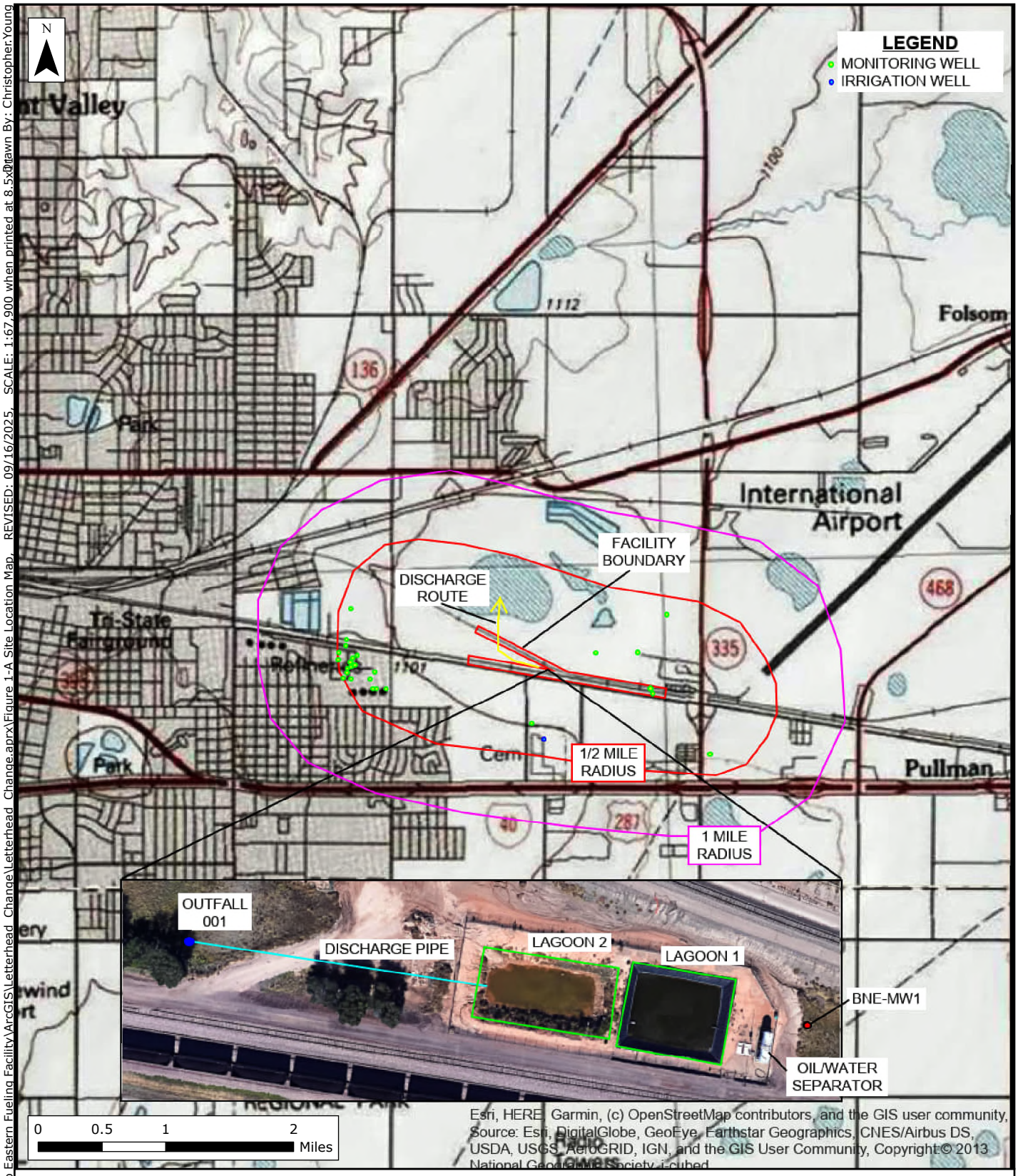

Figure A-1
Site Location Map
BNSF Amarillo Eastern Fueling Facility
TPDES Permit Application
Potter County, Texas

ERM

Source: Esri - World Topoographic Map; WGS 1984 Web Mercator Auxiliary Sphere

M:\US\Projects\A-C\BNSF\Amarillo Eastern Fueling Facility\ArcGIS\Letterhead_Change\Letterhead_Change.aprx\Figure 1-A Site Location Map, REVISED: 09/16/2025, SCALE: 1:67,900 when printed at 8.5x11 Drawn By: Christopher.Young