Technical 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. Second notice (NAPD-Notice of Preliminary Decision)
   - English
   - Alternative Language (Spanish)
4. Application materials *
5. Draft permit *
6. Technical summary or fact sheet *

Portada de Paquete Técnico

Este archivo contiene los siguientes documentos:

1. Resumen de la solicitud (en lenguaje sencillo)
   - Inglés
   - Idioma alternativo (español)
2. Primer aviso (NORI, Aviso de Recepción de Solicitud e Intención de Obtener un Permiso)
   - Inglés
   - Idioma alternativo (español)
3. Segundo aviso (NAPD, Aviso de Decisión Preliminar)
   - Inglés
   - Idioma alternativo (español)
4. Materiales de la solicitud **
5. Proyecto de permiso **
6. Resumen técnico u hoja de datos **

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS
Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER
The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

City of Somerset ((CN600528061) operates the City of Somerset Wastewater Treatment Facility (RN101609139), an activated sludge facility operated in extended aeration mode. The facility is located at 20280 Payne Road, in Somerset, Bexar County, Texas 78069. This application is for a renewal to discharge 320,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and Escherichia coli. Domestic wastewater is treated by a mechanical bar screen, aeration basins, final clarifiers, and a chlorine contact chamber.

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.

City of Somerset (CN600790620) opera City of Somerset Wastewater Treatment Facility (RN101609139), una instalacion de tratamiento de aguas residuales. La instalación está ubicada en 20280 Payne Road, en Somerset, Condado de Bexar, Texas 78069. Esta solicitud es para una renovacion para descargar 320,000 galones por dia de aguas residuals domesticas tratadas.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxigeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. Aguas residuals domesticas están tratado por una reja de barra mecanica, cuencas de aireacion, clarificadores finales, y una camara de contacto de cloro.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0011822001

APPLICATION. City of Somerset, 7360 East 6th Street, Somerset, Texas 78069, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0011822001 (EPA I.D. No. TX0074331) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 320,000 gallons per day. The domestic wastewater treatment facility is located at 20280 Payne Road, in the city of Somerset, in Bexar County, Texas 78069. The discharge route is from the plant site to an unnamed creek; thence to an unnamed tributary of Elm Creek; thence to Elm Creek; thence to the Medina River Below Diversion Lake. TCEQ received this application on August 21, 2024. The permit application will be available for viewing and copying at Somerset City Hall, 7360 East 6th Street, Somerset, in Bexar County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/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=-98.649794,29.219414&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 the City of Somerset at the address stated above or by calling Mr. Michael Montney, Operations Director, at 830-701-4100.

Issuance Date: September 9, 2024

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO NO. WQ0011822001

SOLICITUD. City of Somerset 7360 East 6th Street Somerset Texas 78069 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0011822001 (EPA I.D. No. TX 0074331) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 320,000 galones por día. La planta está ubicada 20280 Payne Road en el Condado de Bexar, Texas 78069. La ruta de descarga es del sitio de la planta a La ruta de descarga es desde el sitio de la planta hasta un arroyo sin nombre: de allí a un afluente sin nombre de Elm Creek: de allí a Elm Creek, de allí al río Medina debajo del lago Diversión. La TCEQ recibió esta solicitud el 21 de Augusto, 2024 La solicitud para el permiso estará disponible para leerla y copiarla en Somerset City Hall 7360 East 6th Street, Somerset, en el condado de Bexar antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications
La solicitud, incluidas las actualizaciones, y los avisos asociados están disponibles electrónicamente en la siguiente página web:
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.649794,29.219414&level=18

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

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

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

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

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

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

designe cual lista(s) y envia por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

También se puede obtener información adicional del City of Somerset a la dirección indicada arriba o llamando a Mr. Michael Montney, Director de Operaciones al 830-701-4100.

Fecha de emission: 9 de septiembre de 2024

Texas Commission on Environmental Quality

NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR TPDES PERMIT FOR MUNICIPAL WASTEWATER

RENEWAL

PERMIT NO. WQ0011822001

APPLICATION AND PRELIMINARY DECISION. City of Somerset, 7360 East 6th Street, Somerset, Texas 78069, has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0011822001 which authorizes the discharge of treated domestic wastewater at a daily average flow not to exceed 320,000 gallons per day. TCEQ received this application on August 21, 2024.

The facility is located at 20280 Payne Road, near the City of Somerset, Bexar County, Texas 78069. The treated effluent is discharged to an unnamed creek, thence to an unnamed tributary of Elm Creek, thence to Elm Creek, thence to Medina River Below Diversion Lake in Segment No. 1903 of the San Antonio River Basin. The unclassified receiving water use is minimal aquatic life use for the unnamed creek and the unnamed tributary of Elm Creek. The designated uses for Segment No. 1903 are primary contact recreation, public water supply, aquifer protection, and high aquatic life use. All determinations are preliminary and subject to additional review and/or revisions. This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.649794,29.219414&level=18

The TCEQ Executive Director has completed the technical review of the application and prepared a draft permit. The draft permit, if approved, would establish the conditions under which the facility must operate. The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The permit application, Executive Director's preliminary decision, and draft permit are available for viewing and copying at Somerset City Hall, 7360 East 6th Street, Somerset, in Bexar County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

PUBLIC COMMENT / PUBLIC MEETING. **You may submit public comments or request a public meeting about this application.** The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ holds 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 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 a contested case hearing or reconsideration of the Executive Director's decision**. A contested case hearing is a legal proceeding similar to a civil trial in a 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.**

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or request for reconsideration is filed. If a timely hearing request or request for reconsideration is filed, the Executive Director will not issue final approval of the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

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.

All written public comments and public meeting requests must be submitted to the Office of the Chief Clerk, MC 105, Texas Commission on Environmental Quality, P.O. Box 13087, Austin, TX 78711-3087 or electronically at www.tceq.texas.gov/goto/comment **within 30 days from the date of newspaper publication of this notice.**

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. Public comments and requests must be submitted either electronically at www.tceq.texas.gov/goto/comment, 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. Any personal information you submit to the TCEQ will become part of the agency's record; this includes email addresses. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from City of Somerset at the address stated above or by calling Mr. Michael Montney, Operations Director, at 830-701-4100.

Issuance Date: July 8, 2025

Comisión De Calidad Ambiental Del Estado De Texas

AVISO DE LA SOLICITUD Y DECISIÓN PRELIMINAR PARA EL PERMISO DEL SISTEMA DE ELIMINACION DE DESCARGAS DE CONTAMINANTES DE TEXAS (TPDES) PARA AGUAS RESIDUALES MUNICIPALES

RENOVACIÓN

PERMISO NO. WQ0011822001

SOLICITUD Y DECISIÓN PRELIMINAR. City of Somerset, 7360 East 6th Street, Somerset, Texas 78069 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) una renovación para autorizar la descarga de aguas residuales domesticas tratadas con un caudal medio diario que no supere los 320.000 galones por día. La TCEQ recibió esta solicitud el 21 de Augusto, 2024.

La planta está ubicada en 20280 Payne Road, cerca de la ciudad de Somerset en el Condado de Bexar, Texas 78069. El efluente tratado es descargado a un arroyo sin nombre, de allí a un afluente sin nombre de Elm Creek, de allí a Elm Creek, de allí al rio Medina debajo del lago Diversion en el Segmento No. 1903 de la Cuenca del Río San Antonio. Los usos no clasificados de las aguas receptoras son limitados usos de la vida acuática para el arroyo sin nombre y el afluente sin nombre de Elm Creek. Los usos designados para el Segmento No. 1903 son recreación de contacto primario, suministro publico de agua, protección de acuiferos, y usos elevados de vida acuatica.

El Director Ejecutivo de la TCEQ ha revisado esta medida para ver si está de acuerdo con los objetivos y las regulaciones del Programa de Administración Costero de Texas (CMP) de acuerdo con las regulaciones del Consejo Coordinador de la Costa (CCC) y ha determinado que la acción es conforme con las metas y regulaciones pertinentes de el CMP.

El Director Ejecutivo de la TCEQ ha completado la revisión técnica de la solicitud y ha preparado un borrador del permiso. El borrador del permiso, si es aprobado, establecería las condiciones bajo las cuales la instalación debe operar. El Director Ejecutivo ha tomado una decisión preliminar que si este permiso es emitido, cumple con todos los requisitos normativos y legales. La solicitud del permiso, la decisión preliminar del Director Ejecutivo y el borrador del permiso están disponibles para leer y copiar en Somerset City Hall, 7360 East 6th Street, Somerset en el condado de Bexar, Texas . La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente 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=-98.649794,29.219414&level=18

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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 para descargar aguas residuales sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

ACCIÓN DEL DIRECTOR EJECUTIVO. El Director Ejecutivo puede emitir una aprobación final de la solicitud a menos que exista un pedido antes del plazo de vencimiento de una audiencia administrativa de lo contencioso o se ha presentado un pedido de reconsideración. Si un pedido ha llegado antes del plazo de vencimiento de la audiencia o el pedido de reconsideración ha sido presentado, el Director Ejecutivo no emitirá una aprobación final sobre el permiso y enviará la solicitud y el pedido a los Comisionados de la TECQ para consideración en una reunión programada de la Comisión.

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

Todos los comentarios escritos del público y los pedidos una reunión deben ser presentados durante los 30 días después de la publicación del aviso a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or por el internet a www.tceq.texas.gov/about/comments.html. 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.

CONTACTOS E INFORMACIÓN DE LA AGENCIA. Los comentarios y solicitudes públicas deben enviarse electrónicamente a https://www14.tceq.texas.gov/epic/eComment/, o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Cualquier información personal que envíe a al TCEQ pasará a formar parte del registro de la agencia; esto incluye las direcciones de correo electrónico. Para obtener más información sobre esta solicitud de permiso o el proceso de permisos, llame al Programa de Educación Pública de la TCEQ, sin cargo, al 1-800-687-4040 o visite su sitio web en www.tceq.texas.gov/goto/pep. Si desea información en español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del City of Somerset a la dirección indicada arriba o llamando a Mr. Michael Montney, Operations Director, al 830-701-4100.

Fecha de emission: 8 de julio de 2025

TPDES PERMIT NO.
WQ0011822001
[For TCEQ office use only - EPA I.D. No. TX0074331]

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

This is a renewal that replaces TPDES Permit No. WQ0011822001 issued on March 3, 2020.

PERMIT TO DISCHARGE WASTES
under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

City of Somerset

whose mailing address is

7360 East 6th Street
Somerset, Texas 78069

is authorized to treat and discharge wastes from the Somerset Wastewater Treatment Facility, SIC Code 4952

located at 20280 Payne Road, near the City of Somerset, Bexar County, Texas 78069

to an unnamed creek, thence to an unnamed tributary of Elm Creek, thence to Elm Creek, thence to Medina River Below Diversion Lake in Segment No. 1903 of the San Antonio River Basin

only according to effluent limitations, monitoring requirements, and other conditions set forth in this permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The issuance of this permit does not grant to the permittee the right to use private or public property for conveyance of wastewater along the discharge route described in this permit. This includes, but is not limited to, property belonging to any individual, partnership, corporation or other entity. Neither does this permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This permit shall expire at midnight, **five years from the date of issuance**.

ISSUED DATE:

For the Commission

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS Outfall Number 001

1. During the period beginning upon the date of issuance and lasting through the date of expiration, the permittee is authorized to discharge subject to the following effluent limitations:

   The daily average flow of effluent shall not exceed 0.32 million gallons per day (MGD), nor shall the average discharge during any two-hour period (2-hour peak) exceed 889 gallons per minute.

Effluent Characteristic	Discharge Limitations				Min. Self-Monitoring Requirements	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Five/week	Instantaneous
Biochemical Oxygen Demand (5-day)	10 (27)	15	25	35	One/week	Grab
Total Suspended Solids	15 (40)	25	40	60	One/week	Grab
E. coli, colony-forming units or most probable number per 100 ml	126	N/A	N/A	399	One/month	Grab

2. The effluent shall contain a total chlorine residual of at least 1.0 mg/l and shall not exceed a total chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow), and shall be monitored five times per week by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.

3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.

4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.

5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.

6. The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

As required by Title 30 Texas Administrative Code (TAC) Chapter 305, certain regulations appear as standard conditions in waste discharge permits. 30 TAC § 305.121 - 305.129 (relating to Permit Characteristics and Conditions) as promulgated under the Texas Water Code (TWC) §§ 5.103 and 5.105, and the Texas Health and Safety Code (THSC) §§ 361.017 and 361.024(a), establish the characteristics and standards for waste discharge permits, including sewage sludge, and those sections of 40 Code of Federal Regulations (CFR) Part 122 adopted by reference by the Commission. The following text includes these conditions and incorporates them into this permit. All definitions in TWC § 26.001 and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

1. Flow Measurements

    a. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with one million gallons per day or greater permitted flow.

    b. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.

    c. Daily maximum flow - the highest total flow for any 24-hour period in a calendar month.

    d. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.

    e. 2-hour peak flow (domestic wastewater treatment plants) - the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.

    f. Maximum 2-hour peak flow (domestic wastewater treatment plants) - the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

    a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.

        i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.

ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.

b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.

c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.

d. Daily discharge - the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day.

The daily discharge determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily discharge determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during that day.

e. Bacteria concentration (*E. coli* or Enterococci) - Colony Forming Units (CFU) or Most Probable Number (MPN) of bacteria per 100 milliliters effluent. The daily average bacteria concentration is a geometric mean of the values for the effluent samples collected in a calendar month. The geometric mean shall be determined by calculating the nth root of the product of all measurements made in a calendar month, where n equals the number of measurements made; or, computed as the antilogarithm of the arithmetic mean of the logarithms of all measurements made in a calendar month. For any measurement of bacteria equaling zero, a substituted value of one shall be made for input into either computation method. If specified, the 7-day average for bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.

f. Daily average loading (lbs/day) - the arithmetic average of all daily discharge loading calculations during a period of one calendar month. These calculations must be made for each day of the month that a parameter is analyzed. The daily discharge, in terms of mass (lbs/day), is calculated as (Flow, MGD x Concentration, mg/l x 8.34).

g. Daily maximum loading (lbs/day) - the highest daily discharge, in terms of mass (lbs/day), within a period of one calendar month.

3. Sample Type

a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (b).

b. Grab sample - an individual sample collected in less than 15 minutes.

4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation and/or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.

5. The term "sewage sludge" is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids that have not been classified as hazardous waste separated from wastewater by unit processes.

6. The term "biosolids" is defined as sewage sludge that has been tested or processed to meet Class A, Class AB, or Class B pathogen standards in 30 TAC Chapter 312 for beneficial use.

7. Bypass - the intentional diversion of a waste stream from any portion of a treatment facility.

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

Monitoring results shall be provided at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling and reporting in accordance with 30 TAC §§ 319.4 - 319.12. Unless otherwise specified, effluent monitoring data shall be submitted each month, to the Enforcement Division (MC 224), by the 20th day of the following month for each discharge which is described by this permit whether or not a discharge is made for that month. Monitoring results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Monitoring results must be signed and certified as required by Monitoring and Reporting Requirements No. 10.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Clean Water Act (CWA); TWC §§ 26, 27, and 28; and THSC § 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record, or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

2. Test Procedures

a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§ 319.11 - 319.12. Measurements, tests, and calculations shall be accurately accomplished in a representative manner.

b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC § 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.

b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge or biosolids use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR § 264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.

c. Records of monitoring activities shall include the following:

i. date, time and place of sample or measurement;

ii. identity of individual who collected the sample or made the measurement.

iii. date and time of analysis;

iv. identity of the individual and laboratory who performed the analysis;

v. the technique or method of analysis; and

vi. the results of the analysis or measurement and quality assurance/quality control records.

The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.

4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit using approved analytical methods as specified above, all results of such monitoring shall be included in the calculation and reporting of the values submitted on the approved self-report form. Increased frequency of sampling shall be indicated on the self-report form.

5. Calibration of Instruments

All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site and/or shall be readily available for review by a TCEQ representative for a period of three years.

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the Regional Office and the Enforcement

Division (MC 224).

7. Noncompliance Notification

   a. In accordance with 30 TAC § 305.125(9) any noncompliance which may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Except as allowed by 30 TAC § 305.132, report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective December 21, 2025, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

   b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:

      i. Unauthorized discharges as defined in Permit Condition 2(g).

      ii. Any unanticipated bypass that exceeds any effluent limitation in the permit.

      iii. Violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.

   c. In addition to the above, any effluent violation which deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the Regional Office and the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.

   d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC 224) as promptly as possible. For effluent limitation violations, noncompliances shall be reported on the approved self-report form.

8. In accordance with the procedures described in 30 TAC §§ 35.301 - 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.

9. Changes in Discharges of Toxic Substances

   All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the Regional Office, orally or by facsimile transmission within 24 hours, and both the Regional Office and the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

   i. One hundred micrograms per liter (100 μg/L);

   ii. Two hundred micrograms per liter (200 μg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 μg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;

   iii. Five (5) times the maximum concentration value reported for that pollutant in the permit application; or

   iv. The level established by the TCEQ.

b. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

   i. Five hundred micrograms per liter (500 μg/L);

   ii. One milligram per liter (1 mg/L) for antimony;

   iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or

   iv. The level established by the TCEQ.

10. Signatories to Reports

    All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

11. All POTWs must provide adequate notice to the Executive Director of the following:

    a. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to CWA § 301 or § 306 if it were directly discharging those pollutants;

    b. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit; and

    c. For the purpose of this paragraph, adequate notice shall include information on:

       i. The quality and quantity of effluent introduced into the POTW; and

       ii. Any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

    a. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.

    b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:

        i. Violation of any terms or conditions of this permit;

        ii. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

        iii. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

    c. The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

2. Compliance

    a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.

    b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation, or suspension, or for denial of a permit renewal application or an application for a permit for another facility.

    c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

    d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation that has a reasonable likelihood of adversely affecting human health or the environment.

    e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.

    f. A permit may be amended, suspended and reissued, or revoked for cause in accordance

with 30 TAC §§ 305.62 and 305.66 and TWC§ 7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

g. There shall be no unauthorized discharge of wastewater or any other waste. For the purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Other Requirements section of this permit.

h. In accordance with 30 TAC § 305.535(a), the permittee may allow any bypass to occur from a TPDES permitted facility which does not cause permitted effluent limitations to be exceeded or an unauthorized discharge to occur, but only if the bypass is also for essential maintenance to assure efficient operation.

i. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under TWC §§ 7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties) for violations including, but not limited to, negligently or knowingly violating the federal CWA §§ 301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under the CWA § 402, or any requirement imposed in a pretreatment program approved under the CWA §§ 402 (a)(3) or 402 (b)(8).

3. Inspections and Entry

a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC § 361.

b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee, Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in TWC § 7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment and/or Renewal

   a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:

      i. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in accordance with 30 TAC § 305.534 (relating to New Sources and New Dischargers); or

      ii. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9; or

      iii. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

   b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.

   c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.

   d. Prior to accepting or generating wastes which are not described in the permit application or which would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.

   e. In accordance with the TWC § 26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.

   f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA § 307(a) for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or

prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA § 307(a) for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Permit Transfer

   a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.

   b. A permit may be transferred only according to the provisions of 30 TAC § 305.64 (relating to Transfer of Permits) and 30 TAC § 50.133 (relating to Executive Director Action on Application or WQMP update).

6. Relationship to Hazardous Waste Activities

   This permit does not authorize any activity of hazardous waste storage, processing, or disposal that requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Relationship to Water Rights

   Disposal of treated effluent by any means other than discharge directly to water in the state must be specifically authorized in this permit and may require a permit pursuant to TWC Chapter 11.

8. Property Rights

   A permit does not convey any property rights of any sort, or any exclusive privilege.

9. Permit Enforceability

   The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

10. Relationship to Permit Application

    The application pursuant to which the permit has been issued is incorporated herein; provided, however, that in the event of a conflict between the provisions of this permit and the application, the provisions of the permit shall control.

11. Notice of Bankruptcy

    a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:

       i. the permittee;

       ii. an entity (as that term is defined in 11 USC, § 101(14)) controlling the permittee or listing the permit or permittee as property of the estate; or

iii. an affiliate (as that term is defined in 11 USC, § 101(2)) of the permittee.

b. This notification must indicate:

i. the name of the permittee;

ii. the permit number(s);

iii. the bankruptcy court in which the petition for bankruptcy was filed; and

iv. the date of filing of the petition.

OPERATIONAL REQUIREMENTS

1. The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.

2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge or biosolids use and disposal and 30 TAC §§ 319.21 - 319.29 concerning the discharge of certain hazardous metals.

3. Domestic wastewater treatment facilities shall comply with the following provisions:

   a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.

   b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment and/or other treatment unit regulated by this permit.

4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, and/or retention of inadequately treated wastewater.

5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.

6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under TWC § 7.302(b)(6).

7. Documentation

   For all written notifications to the Commission required of the permittee by this permit, the permittee shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for information required for TPDES permit applications, effluent data, including effluent data in permits, draft permits and permit applications, and other information specified as not confidential in 30 TAC §§ 1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words confidential business information on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice. If the Commission or Executive Director agrees with the designation of confidentiality, the TCEQ will not provide the information for public inspection unless required by the Texas Attorney General or a court pursuant to an open records request. If the Executive Director does not agree with the designation of confidentiality, the person submitting the information will be notified.

8. Facilities that generate domestic wastewater shall comply with the following provisions; domestic wastewater treatment facilities at permitted industrial sites are excluded.

   a. Whenever flow measurements for any domestic sewage treatment facility reach 75% of the permitted daily average or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion and/or upgrading of the domestic wastewater treatment and/or collection facilities. Whenever the flow reaches 90% of the permitted daily average or annual average flow for three consecutive months, the permittee shall obtain necessary authorization from the Commission to commence construction of the necessary additional treatment and/or collection facilities. In the case of a domestic wastewater treatment facility which reaches 75% of the permitted daily average or annual average flow for three consecutive months, and the planned population to be served or the quantity of waste produced is not expected to exceed the design limitations of the treatment facility, the permittee shall submit an engineering report supporting this claim to the Executive Director of the Commission.

      If in the judgment of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 219) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

   b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been

secured.

c. Permits for domestic wastewater treatment plants are granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment, and disposal systems. The Commission reserves the right to amend any domestic wastewater permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, should such be developed; to require the delivery of the wastes authorized to be collected in, treated by or discharged from said system, to such area-wide system; or to amend this permit in any other particular to effectuate the Commission's policy. Such amendments may be made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment or disposal system.

9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.

10. For Publicly Owned Treatment Works (POTWs), the 30-day average (or monthly average) percent removal for BOD and TSS shall not be less than 85%, unless otherwise authorized by this permit.

11. Facilities that generate industrial solid waste as defined in 30 TAC § 335.1 shall comply with these provisions:

a. Any solid waste, as defined in 30 TAC § 335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.

b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.

c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC § 335.8(b)(1), to the Corrective Action Section (MC 127) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.

d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC § 335.5.

e. The term "industrial solid waste management unit" means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.

f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC § 335 and must include the following, as it pertains to wastewater treatment and discharge:

   i. Volume of waste and date(s) generated from treatment process;
   ii. Volume of waste disposed of on-site or shipped off-site;
   iii. Date(s) of disposal;
   iv. Identity of hauler or transporter;
   v. Location of disposal site; and
   vi. Method of final disposal.

   The above records shall be maintained on a monthly basis. The records shall be retained at the facility site, or shall be readily available for review by authorized representatives of the TCEQ for at least five years.

12. For industrial facilities to which the requirements of 30 TAC § 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with THSC § 361.

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SLUDGE PROVISIONS

The permittee is authorized to dispose of sludge or biosolids only at a Texas Commission on Environmental Quality (TCEQ) authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge. **The disposal of sludge or biosolids by land application on property owned, leased or under the direct control of the permittee is a violation of the permit unless the site is authorized with the TCEQ. This provision does not authorize Distribution and Marketing of Class A or Class AB Biosolids. This provision does not authorize the permittee to land apply biosolids on property owned, leased or under the direct control of the permittee.**

SECTION I. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE OR BIOSOLIDS LAND APPLICATION

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge or biosolids.

2. In all cases, if the person (permit holder) who prepares the sewage sludge supplies the sewage sludge to another person for land application use or to the owner or lease holder of the land, the permit holder shall provide necessary information to the parties who receive the sludge to assure compliance with these regulations.

3. The land application of processed or unprocessed chemical toilet waste, grease trap waste, grit trap waste, milk solids, or similar non-hazardous municipal or industrial solid wastes, or any of the wastes listed in this provision combined with biosolids, WTP residuals or domestic septage is prohibited unless the grease trap waste is added at a fats, oil and grease (FOG) receiving facility as part of an anaerobic digestion process.

B. Testing Requirements

1. Sewage sludge or biosolids shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I [Toxicity Characteristic Leaching Procedure (TCLP)] or other method that receives the prior approval of the TCEQ for the contaminants listed in 40 CFR Part 261.24, Table 1. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal. Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 13) within seven (7) days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. The permittee must submit this annual report by September 30th of each year using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 13) and the Enforcement Division (MC 224).

2. Biosolids shall not be applied to the land if the concentration of the pollutants exceeds the pollutant concentration criteria in Table 1. The frequency of testing for pollutants in Table 1 is found in Section I.C. of this permit.

TABLE 1

Pollutant	Ceiling Concentration (Milligrams per kilogram)*
Arsenic	75
Cadmium	85
Chromium	3000
Copper	4300
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
PCBs	49
Selenium	100
Zinc	7500

* Dry weight basis

3. Pathogen Control

All sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site must be treated by one of the following methods to ensure that the sludge meets either the Class A, Class AB or Class B biosolids pathogen requirements.

a. For sewage sludge to be classified as Class A biosolids with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 most probable number (MPN) per gram of total solids (dry weight basis), or the density of Salmonella sp. bacteria in the sewage sludge must be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 1 - The temperature of the sewage sludge that is used or disposed shall be maintained at or above a specific value for a period of time. See 30 TAC § 312.82(a)(3)(A) for specific information;

Alternative 5 (PFRP) - Sewage sludge that is used or disposed of must be treated in one of the Processes to Further Reduce Pathogens (PFRP) described in 40 CFR Part 503, Appendix B. PFRP include composting, heat drying, heat treatment, and thermophilic aerobic digestion; or

Alternative 6 (PFRP Equivalent) - Sewage sludge that is used or disposed of must be treated in a process that has been approved by the U. S. Environmental Protection Agency as being equivalent to those in Alternative 5.

b. For sewage sludge to be classified as Class AB biosolids with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 MPN per gram of total solids (dry weight basis), or the density of *Salmonella* sp. bacteria in the sewage sludge be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

   Alternative 2 - The pH of the sewage sludge that is used or disposed shall be raised to above 12 std. units and shall remain above 12 std. units for 72 hours.

   The temperature of the sewage sludge shall be above 52° Celsius for 12 hours or longer during the period that the pH of the sewage sludge is above 12 std. units.

   At the end of the 72-hour period during which the pH of the sewage sludge is above 12 std. units, the sewage sludge shall be air dried to achieve a percent solids in the sewage sludge greater than 50%; or

   Alternative 3 - The sewage sludge shall be analyzed for enteric viruses prior to pathogen treatment. The limit for enteric viruses is less than one Plaque-forming Unit per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(i-iii) for specific information. The sewage sludge shall be analyzed for viable helminth ova prior to pathogen treatment. The limit for viable helminth ova is less than one per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(iv-vi) for specific information; or

   Alternative 4 - The density of enteric viruses in the sewage sludge shall be less than one Plaque-forming Unit per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. The density of viable helminth ova in the sewage sludge shall be less than one per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed.

c. Sewage sludge that meets the requirements of Class AB biosolids may be classified a Class A biosolids if a variance request is submitted in writing that is supported by substantial documentation demonstrating equivalent methods for reducing odors and written approval is granted by the executive director. The executive director may deny the variance request or revoke that approved variance if it is determined that the variance may potentially endanger human health or the environment, or create nuisance odor conditions.

d. Three alternatives are available to demonstrate compliance with Class B biosolids criteria.

Alternative 1

i. A minimum of seven random samples of the sewage sludge shall be collected within 48 hours of the time the sewage sludge is used or disposed of during each monitoring episode for the sewage sludge.

ii. The geometric mean of the density of fecal coliform in the samples collected shall be less than either 2,000,000 MPN per gram of total solids (dry weight basis) or 2,000,000 Colony Forming Units per gram of total solids (dry weight basis).

Alternative 2 - Sewage sludge that is used or disposed of shall be treated in one of the Processes to Significantly Reduce Pathogens (PSRP) described in 40 CFR Part 503, Appendix B, so long as all of the following requirements are met by the generator of the sewage sludge.

i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;

ii. An independent Texas Licensed Professional Engineer must make a certification to the generator of a sewage sludge that the wastewater treatment facility generating the sewage sludge is designed to achieve one of the PSRP at the permitted design loading of the facility. The certification need only be repeated if the design loading of the facility is increased. The certification shall include a statement indicating the design meets all the applicable standards specified in Appendix B of 40 CFR Part 503;

iii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;

iv. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review; and

v. If the sewage sludge is generated from a mixture of sources, resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the PSRP, and shall meet the certification, operation, and record keeping requirements of this paragraph.

Alternative 3 - Sewage sludge shall be treated in an equivalent process that has been approved by the U.S. Environmental Protection Agency, so long as all of the following requirements are met by the generator of the sewage sludge.

i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;

ii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;

iii. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review;

iv. The Executive Director will accept from the U.S. Environmental Protection Agency a finding of equivalency to the defined PSRP; and

v. If the sewage sludge is generated from a mixture of sources resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the Processes to Significantly Reduce Pathogens, and shall meet the certification, operation, and record keeping requirements of this paragraph.

In addition to the Alternatives 1 – 3, the following site restrictions must be met if Class B biosolids are land applied:

i. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after application of biosolids.

ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of biosolids when the biosolids remain on the land surface for 4 months or longer prior to incorporation into the soil.

iii. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of biosolids when the biosolids remain on the land surface for less than 4 months prior to incorporation into the soil.

iv. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of biosolids.

v. Domestic livestock shall not be allowed to graze on the land for 30 days after application of biosolids.

vi. Turf grown on land where biosolids are applied shall not be harvested for 1 year after application of the biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn.

vii. Public access to land with a high potential for public exposure shall be restricted for 1 year after application of biosolids.

viii. Public access to land with a low potential for public exposure shall be restricted

for 30 days after application of biosolids.

ix. Land application of biosolids shall be in accordance with the buffer zone requirements found in 30 TAC § 312.44.

4. Vector Attraction Reduction Requirements

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site shall be treated by one of the following Alternatives 1 through 10 for vector attraction reduction.

Alternative 1 - The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38%.

Alternative 2 - If Alternative 1 cannot be met for an anaerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge anaerobically in the laboratory in a bench-scale unit for 40 additional days at a temperature between 30° and 37° Celsius. Volatile solids must be reduced by less than 17% to demonstrate compliance.

Alternative 3 - If Alternative 1 cannot be met for an aerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge with percent solids of two percent or less aerobically in the laboratory in a bench-scale unit for 30 additional days at 20° Celsius. Volatile solids must be reduced by less than 15% to demonstrate compliance.

Alternative 4 - The specific oxygen uptake rate (SOUR) for sewage sludge treated in an aerobic process shall be equal to or less than 1.5 milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20° Celsius.

Alternative 5 - Sewage sludge shall be treated in an aerobic process for 14 days or longer. During that time, the temperature of the sewage sludge shall be higher than 40° Celsius and the average temperature of the sewage sludge shall be higher than 45° Celsius.

Alternative 6 - The pH of sewage sludge shall be raised to 12 or higher by alkali addition and, without the addition of more alkali shall remain at 12 or higher for two hours and then remain at a pH of 11.5 or higher for an additional 22 hours at the time the sewage sludge is prepared for sale or given away in a bag or other container.

Alternative 7 - The percent solids of sewage sludge that does not contain unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 75% based on the moisture content and total solids prior to mixing with other materials. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 8 - The percent solids of sewage sludge that contains unstabilized solids

generated in a primary wastewater treatment process shall be equal to or greater than 90% based on the moisture content and total solids prior to mixing with other materials at the time the sludge is used. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 9 - i. Biosolids shall be injected below the surface of the land.

ii. No significant amount of the biosolids shall be present on the land surface within one hour after biosolids are injected.

iii. When sewage sludge that is injected below the surface of the land is Class A or Class AB with respect to pathogens, the biosolids shall be injected below the land surface within eight hours after being discharged from the pathogen treatment process.

Alternative 10- i. Biosolids applied to the land surface or placed on a surface disposal site shall be incorporated into the soil within six hours after application to or placement on the land.

ii. When biosolids that are incorporated into the soil is Class A or Class AB with respect to pathogens, the biosolids shall be applied to or placed on the land within eight hours after being discharged from the pathogen treatment process.

C. Monitoring Requirements

Toxicity Characteristic Leaching Procedure (TCLP) Test	- once during the term of this permit
PCBs	- once during the term of this permit

All metal constituents and fecal coliform or *Salmonella* sp. bacteria shall be monitored at the appropriate frequency shown below, pursuant to 30 TAC § 312.46(a)(1):

Amount of biosolids (*) metric tons per 365-day period	Monitoring Frequency
0 to less than 290	Once/Year
290 to less than 1,500	Once/Quarter
1,500 to less than 15,000	Once/Two Months
15,000 or greater	Once/Month

(*) *The amount of bulk biosolids applied to the land (dry wt. basis).*

Representative samples of sewage sludge shall be collected and analyzed in accordance with the methods referenced in 30 TAC § 312.7

Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal

coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.

Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge or biosolids for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.

SECTION II. REQUIREMENTS SPECIFIC TO BULK SEWAGE SLUDGE FOR APPLICATION TO THE LAND MEETING CLASS A, CLASS AB or B BIOSOLIDS PATHOGEN REDUCTION AND THE CUMULATIVE LOADING RATES IN TABLE 2, OR CLASS B PATHOGEN REDUCTION AND THE POLLUTANT CONCENTRATIONS IN TABLE 3

For those permittees meeting Class A, Class AB or B pathogen reduction requirements and that meet the cumulative loading rates in Table 2 below, or the Class B pathogen reduction requirements and contain concentrations of pollutants below listed in Table 3, the following conditions apply:

A. Pollutant Limits

Table 2

Pollutant	Cumulative Pollutant Loading Rate (pounds per acre)*
Arsenic	36
Cadmium	35
Chromium	2677
Copper	1339
Lead	268
Mercury	15
Molybdenum	Report Only
Nickel	375
Selenium	89
Zinc	2500

Table 3

Pollutant	Monthly Average Concentration (milligrams per kilogram)*
Arsenic	41
Cadmium	39
Chromium	1200
Copper	1500
Lead	300
Mercury	17
Molybdenum	Report Only
Nickel	420
Selenium	36
Zinc	2800

*Dry weight basis

B. Pathogen Control

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, a reclamation site, shall be treated by either Class A, Class AB or Class B biosolids pathogen reduction requirements as defined above in Section I.B.3.

C. Management Practices

1. Bulk biosolids shall not be applied to agricultural land, forest, a public contact site, or a reclamation site that is flooded, frozen, or snow-covered so that the bulk biosolids enters a wetland or other waters in the State.

2. Bulk biosolids not meeting Class A biosolids requirements shall be land applied in a manner which complies with Applicability in accordance with 30 TAC §312.41 and the Management Requirements in accordance with 30 TAC § 312.44.

3. Bulk biosolids shall be applied at or below the agronomic rate of the cover crop.

4. An information sheet shall be provided to the person who receives bulk Class A or AB biosolids sold or given away. The information sheet shall contain the following information:

   a. The name and address of the person who prepared the Class A or AB biosolids that are sold or given away in a bag or other container for application to the land.

   b. A statement that application of the biosolids to the land is prohibited except in accordance with the instruction on the label or information sheet.

   c. The annual whole sludge application rate for the biosolids application rate for the biosolids that does not cause any of the cumulative pollutant loading rates in Table 2 above to be exceeded, unless the pollutant concentrations in Table 3 found in Section II above are met.

D. Notification Requirements

1. If bulk biosolids are applied to land in a State other than Texas, written notice shall be provided prior to the initial land application to the permitting authority for the State in which the bulk biosolids are proposed to be applied. The notice shall include:

   a. The location, by street address, and specific latitude and longitude, of each land application site.

   b. The approximate time period bulk biosolids will be applied to the site.

   c. The name, address, telephone number, and National Pollutant Discharge Elimination System permit number (if appropriate) for the person who will apply the bulk biosolids.

2. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the biosolids disposal practice.

E. Record Keeping Requirements

The documents will be retained at the facility site and/or shall be readily available for review by a TCEQ representative. The person who prepares bulk sewage sludge or a biosolids material shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative for a period

of five years. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply.

1. The concentration (mg/kg) in the sludge of each pollutant listed in Table 3 above and the applicable pollutant concentration criteria (mg/kg), or the applicable cumulative pollutant loading rate and the applicable cumulative pollutant loading rate limit (lbs/ac) listed in Table 2 above.

2. A description of how the pathogen reduction requirements are met (including site restrictions for Class AB and Class B biosolids, if applicable).

3. A description of how the vector attraction reduction requirements are met.

4. A description of how the management practices listed above in Section II.C are being met.

5. The following certification statement:

   "I certify, under penalty of law, that the applicable pathogen requirements in 30 TAC § 312.82(a) or (b) and the vector attraction reduction requirements in 30 TAC § 312.83(b) have been met for each site on which bulk biosolids are applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including fine and imprisonment."

6. The recommended agronomic loading rate from the references listed in Section II.C.3. above, as well as the actual agronomic loading rate shall be retained. The person who applies bulk biosolids shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative indefinitely. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply:

   a. A certification statement that all applicable requirements (specifically listed) have been met, and that the permittee understands that there are significant penalties for false certification including fine and imprisonment. See 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii), as applicable, and to the permittee's specific sludge treatment activities.

   b. The location, by street address, and specific latitude and longitude, of each site on which biosolids are applied.

   c. The number of acres in each site on which bulk biosolids are applied.

   d. The date and time biosolids are applied to each site.

e. The cumulative amount of each pollutant in pounds/acre listed in Table 2 applied to each site.

f. The total amount of biosolids applied to each site in dry tons.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

F. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 13) and Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

2. Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.

3. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.

4. The frequency of monitoring listed in Section I.C. that applies to the permittee.

5. Toxicity Characteristic Leaching Procedure (TCLP) results.

6. PCB concentration in sludge or biosolids in mg/kg.

7. Identity of hauler(s) and TCEQ transporter number.

8. Date(s) of transport.

9. Texas Commission on Environmental Quality registration number, if applicable.

10. Amount of sludge or biosolids disposal dry weight (lbs/acre) at each disposal site.

11. The concentration (mg/kg) in the sludge of each pollutant listed in Table 1 (defined as a monthly average) as well as the applicable pollutant concentration criteria (mg/kg) listed in Table 3 above, or the applicable pollutant loading rate limit (lbs/acre) listed in Table 2 above if it exceeds 90% of the limit.

12. Level of pathogen reduction achieved (Class A, Class AB or Class B).

13. Alternative used as listed in Section I.B.3.(a. or b.). Alternatives describe how the pathogen reduction requirements are met. If Class B biosolids, include information on how site restrictions were met.

14. Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.

15. Vector attraction reduction alternative used as listed in Section I.B.4.

16. Amount of sludge or biosolids transported in dry tons/year.

17. The certification statement listed in either 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii) as applicable to the permittee's sludge or biosolids treatment activities, shall be attached to the annual reporting form.

18. When the amount of any pollutant applied to the land exceeds 90% of the cumulative pollutant loading rate for that pollutant, as described in Table 2, the permittee shall report the following information as an attachment to the annual reporting form.

    a. The location, by street address, and specific latitude and longitude.

    b. The number of acres in each site on which bulk biosolids are applied.

    c. The date and time bulk biosolids are applied to each site.

    d. The cumulative amount of each pollutant (i.e., pounds/acre) listed in Table 2 in the bulk biosolids applied to each site.

    e. The amount of biosolids (i.e., dry tons) applied to each site.

    The above records shall be maintained on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

SECTION III. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE OR BIOSOLIDS DISPOSED IN A MUNICIPAL SOLID WASTE LANDFILL

A. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 330 and all other applicable state and federal regulations to protect public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present. The permittee shall ensure that the sewage sludge or biosolids meets the requirements in 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.

B. If the permittee generates sewage sludge or biosolids and supplies that sewage sludge or biosolids to the owner or operator of a municipal solid waste landfill (MSWLF) for disposal, the permittee shall provide to the owner or operator of the MSWLF appropriate information needed to be in compliance with the provisions of this permit.

C. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge or biosolids disposal practice.

D. Sewage sludge or biosolids shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I (Toxicity Characteristic Leaching Procedure) or other method, which receives the prior approval of the TCEQ for contaminants listed in Table 1 of 40 CFR § 261.24. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal.

   Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 13) of the appropriate TCEQ field office within 7 days after failing the TCLP Test.

   The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P. O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 13) and the Enforcement Division (MC 224) by September 30 of each year.

E. Sewage sludge or biosolids shall be tested as needed, in accordance with the requirements of 30 TAC Chapter 330.

F. Record Keeping Requirements

   The permittee shall develop the following information and shall retain the information for five years.

1. The description (including procedures followed and the results) of all liquid Paint Filter Tests performed.

2. The description (including procedures followed and results) of all TCLP tests performed.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

G. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 13) and Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

2. Toxicity Characteristic Leaching Procedure (TCLP) results.

3. Annual sludge or biosolids production in dry tons/year.

4. Amount of sludge or biosolids disposed in a municipal solid waste landfill in dry tons/year.

5. Amount of sludge or biosolids transported interstate in dry tons/year.

6. A certification that the sewage sludge or biosolids meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.

7. Identity of hauler(s) and transporter registration number.

8. Owner of disposal site(s).

9. Location of disposal site(s).

10. Date(s) of disposal.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

SECTION IV. REQUIREMENTS APPLYING TO SLUDGE OR BIOSOLIDS TRANSPORTED TO ANOTHER FACILITY FOR FURTHER PROCESSING

These provisions apply to sludge or biosolids that is transported to another wastewater treatment facility or facility that further processes sludge or biosolids. These provisions are intended to allow transport of sludge or biosolids to facilities that have been authorized to accept sludge or biosolids. These provisions do not limit the ability of the receiving facility to determine whether to accept the sludge or biosolids, nor do they limit the ability of the receiving facility to request additional testing or documentation.

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC Chapter 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge.

2. Sludge or biosolids may only be transported using a registered transporter or using an approved pipeline.

B. Record Keeping Requirements

1. For sludge or biosolids transported by an approved pipeline, the permittee must maintain records of the following:

   a. the amount of sludge or biosolids transported;

   b. the date of transport;

   c. the name and TCEQ permit number of the receiving facility or facilities;

   d. the location of the receiving facility or facilities;

   e. the name and TCEQ permit number of the facility that generated the waste; and

   f. copy of the written agreement between the permittee and the receiving facility to accept sludge or biosolids.

2. For sludge or biosolids transported by a registered transporter, the permittee must maintain records of the completed trip tickets in accordance with 30 TAC § 312.145(a)(1)-(7) and amount of sludge or biosolids transported.

3. The above records shall be maintained on-site on a monthly basis and shall be made available to the TCEQ upon request. These records shall be retained for at least five years.

C. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 13) and Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

2. the annual sludge or biosolids production;

3. the amount of sludge or biosolids transported;

4. the owner of each receiving facility;

5. the location of each receiving facility; and

6. the date(s) of disposal at each receiving facility.

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OTHER REQUIREMENTS

1. The permittee shall employ or contract with one or more licensed wastewater treatment facility operators or wastewater system operations companies holding a valid license or registration according to the requirements of 30 TAC Chapter 30, Occupational Licenses and Registrations, and in particular 30 TAC Chapter 30, Subchapter J, Wastewater Operators and Operations Companies.

   This Category C facility must be operated by a chief operator or an operator holding a Class C license or higher. The facility must be operated a minimum of five days per week by the licensed chief operator or an operator holding the required level of license or higher. The licensed chief operator or operator holding the required level of license or higher must be available by telephone or pager seven days per week. Where shift operation of the wastewater treatment facility is necessary, each shift that does not have the on-site supervision of the licensed chief operator must be supervised by an operator in charge who is licensed not less than one level below the category for the facility.

2. The facility is not located in the Coastal Management Program boundary.

3. The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). In addition, by ownership of the required buffer zone area, the permittee shall comply with the requirements of 30 TAC § 309.13(e). The permittee meets the buffer zone requirements through ownership and highway right-of-way easement. (See Attachment A).

4. The permittee shall provide facilities for the protection of its wastewater treatment facility from a 100-year flood.

5. In accordance with 30 TAC § 319.9, a permittee that has at least twelve months of uninterrupted compliance with its bacteria limit may notify the commission in writing of its compliance and request a less frequent measurement schedule. To request a less frequent schedule, the permittee shall submit a written request to the TCEQ Wastewater Permitting Section (MC 148) for each phase that includes a different monitoring frequency. The request must contain all of the reported bacteria values (Daily Avg. and Daily Max/Single Grab) for the twelve consecutive months immediately prior to the request. If the Executive Director finds that a less frequent measurement schedule is protective of human health and the environment, the permittee may be given a less frequent measurement schedule. For this permit, one/month may be reduced to one/quarter. **A violation of any bacteria limit by a facility that has been granted a less frequent measurement schedule will require the permittee to return to the standard frequency schedule and submit written notice to the TCEQ Wastewater Permitting Section (MC 148).** The permittee may not apply for another reduction in measurement frequency for at least 24 months from the date of the last violation. The Executive Director may establish a more frequent measurement schedule if necessary to protect human health or the environment.

CONTRIBUTING INDUSTRIES AND PRETREATMENT REQUIREMENTS

1. The following pollutants may not be introduced into the treatment facility:

    a. Pollutants which create a fire or explosion hazard in the publicly owned treatment works (POTW), including, but not limited to, waste streams with a closed-cup flash point of less than 140° Fahrenheit (60° Celsius) using the test methods specified in 40 CFR § 261.21;

    b. Pollutants which will cause corrosive structural damage to the POTW, but in no case shall there be discharges with a pH lower than 5.0 standard units, unless the works are specifically designed to accommodate such discharges;

    c. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW, resulting in Interference;

    d. Any pollutant, including oxygen-demanding pollutants (e.g., biochemical oxygen demand or BOD), released in a discharge at a flow rate and/or pollutant concentration which will cause Interference with the POTW;

    e. Heat in amounts which will inhibit biological activity in the POTW, resulting in Interference, but in no case shall there be heat in such quantities that the temperature at the POTW treatment plant exceeds 104° Fahrenheit (40° Celsius) unless the Executive Director, upon request of the POTW, approves alternate temperature limits;

    f. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause Interference or Pass Through;

    g. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems; and

    h. Any trucked or hauled pollutants except at discharge points designated by the POTW.

2. The permittee shall require any indirect discharger to the treatment works to comply with the reporting requirements of Sections 204(b), 307, and 308 of the Clean Water Act, including any requirements established under 40 CFR Part 403 *[rev. Federal Register/ Vol. 70/ No. 198/ Friday, October 14, 2005/ Rules and Regulations, pages 60134-60798].*

3. The permittee shall provide adequate notification to the Executive Director, care of the Wastewater Permitting Section (MC 148) of the Water Quality Division, within 30 days subsequent to the permittee's knowledge of either of the following:

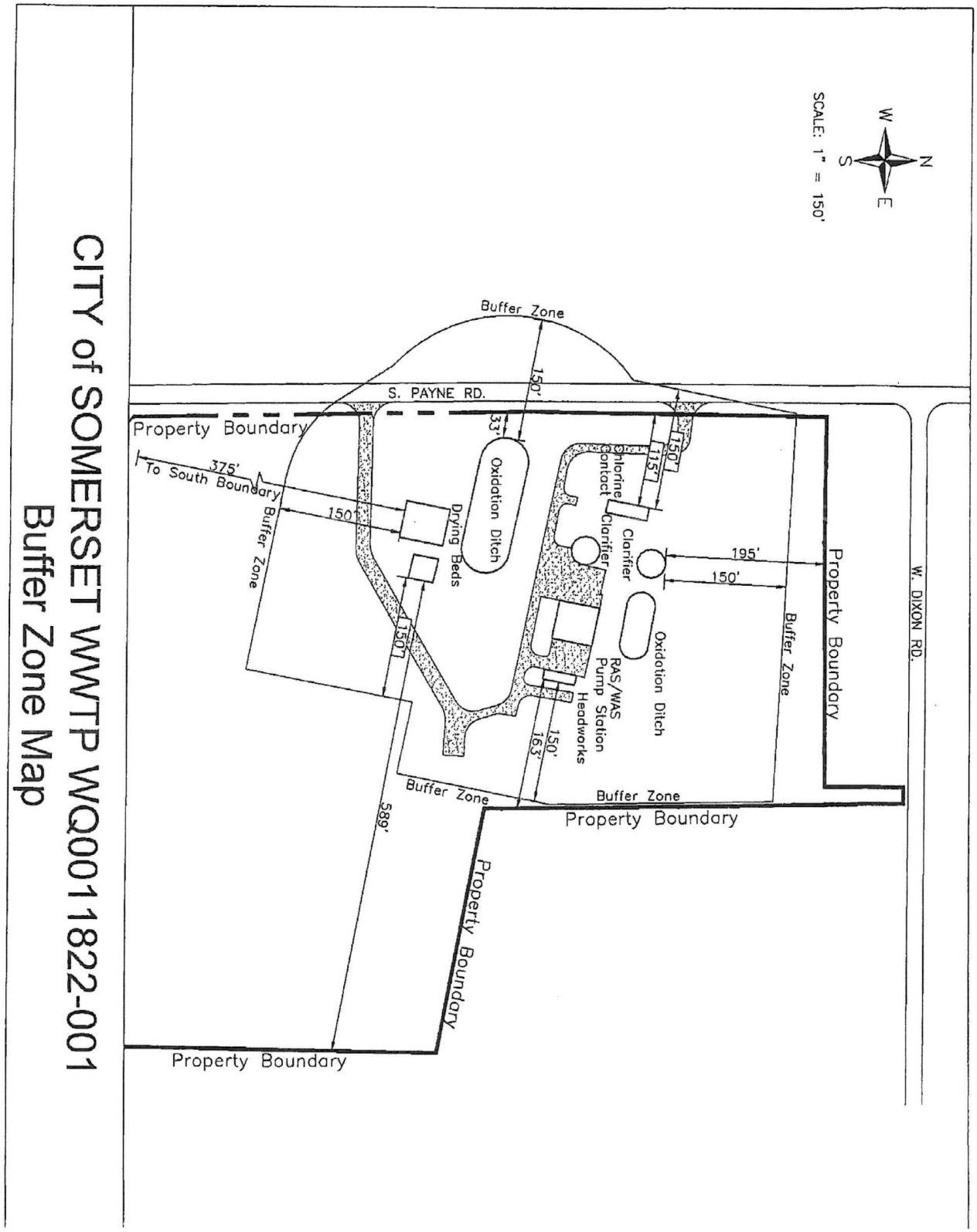
    a. Any new introduction of pollutants into the treatment works from an indirect discharger which would be subject to Sections 301 and 306 of the Clean Water Act if it were directly discharging those pollutants; and

    b. Any substantial change in the volume or character of pollutants being introduced into the treatment works by a source introducing pollutants into the treatment works at the time of issuance of the permit.

    Any notice shall include information on the quality and quantity of effluent to be introduced into the treatment works and any anticipated impact of the change on the quality or quantity of effluent to be discharged from the POTW.

Revised July 2007

Attachment A – Buffer Zone Map
TPDES Permit No. WQ0011822001
City of Somerset



STATEMENT OF BASIS/TECHNICAL SUMMARY
AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

DESCRIPTION OF APPLICATION

Applicant:	City of Somerset Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0011822001, EPA ID No. TX0074331
Regulated Activity:	Domestic Wastewater Permit
Type of Application:	Renewal
Request:	Renewal with no changes
Authority:	Federal Clean Water Act (CWA) § 402; Texas Water Code (TWC) § 26.027; 30 Texas Administrative Code (TAC) Chapters 30, 305, 307, 309, 312, and 319; Commission policies; and United States Environmental Protection Agency (EPA) guidelines.

EXECUTIVE DIRECTOR RECOMMENDATION

The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The draft permit includes an expiration date of **five years from the date of issuance**.

REASON FOR PROJECT PROPOSED

The applicant has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of the existing permit that authorizes the discharge of treated domestic wastewater at a daily average flow not to exceed 0.32 million gallons per day (MGD). The existing wastewater treatment facility serves the City of Somerset.

PROJECT DESCRIPTION AND LOCATION

The Somerset Wastewater Treatment Facility is an activated sludge process plant operated in the extended aeration mode. Treatment units include an on-site lift station, a bar screen, two oxidation ditches, two final clarifiers, sludge drying beds, and a chlorine contact chamber. The facility is in operation.

Sludge generated from the treatment facility is hauled by a registered transporter and disposed of at a TCEQ-permitted landfill, Tessman Road Landfill, Permit No. 1410C, in Bexar County and to Martinez II WWTP, Permit No. WQ0010749004, to be digested, dewatered, and then disposed of with the bulk of the sludge from the plant accepting the sludge. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

The plant site is located at 20280 Payne Road, near the City of Somerset, Bexar County, Texas 78069.

Outfall Location:

Outfall Number	Latitude	Longitude
001	29.214832 N	98.649721 W

The treated effluent is discharged to an unnamed creek, thence to an unnamed tributary of Elm Creek, thence to Elm Creek, thence to Medina River Below Diversion Lake in Segment No. 1903 of the San Antonio River Basin. The unclassified receiving water use is minimal aquatic life use for the unnamed creek and the unnamed tributary of Elm Creek. The designated uses for Segment No. 1903 are primary contact recreation, public water supply, aquifer protection, and high aquatic life use. The effluent limitations in the draft permit will maintain and protect the existing instream uses. All determinations are preliminary and subject to additional review and/or revisions.

Effluent limitations for the conventional effluent parameters (i.e., Five-Day Biochemical Oxygen Demand or Five-Day Carbonaceous Biochemical Oxygen Demand, Ammonia Nitrogen, etc.) are based on stream standards and waste load allocations for water-quality limited streams as established in the Texas Surface Water Quality Standards (TSWQS) and the State of Texas Water Quality Management Plan (WQMP).

In a case such as this, end-of-pipe compliance with pH limits between 6.0 and 9.0 standard units reasonably assures instream compliance with the TSWQS for pH when the discharge authorized is from a minor facility. This technology-based approach reasonably assures instream compliance with TSWQS criteria due to the relatively smaller discharge volumes authorized by these permits. This conservative assumption is based on TCEQ sampling conducted throughout the state which indicates that instream buffering quickly restores pH levels to ambient conditions. Similarly, this approach has been historically applied within EPA issued NPDES general permits where technology-based pH limits were established to be protective of water quality criteria.

The effluent limitations in the draft permit have been reviewed for consistency with the WQMP. The existing effluent limitations are contained in the approved WQMP.

The discharge from this permit action is not expected to have an effect on any federal endangered or threatened aquatic or aquatic-dependent species or proposed species or their critical habitat. This determination is based on the United States Fish and Wildlife Service's (USFWS's) biological opinion on the State of Texas authorization of the TPDES (September 14, 1998; October 21, 1998, update). To make this determination for TPDES permits, TCEQ and EPA only considered aquatic or aquatic-dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the USFWS biological opinion. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The permit does not require EPA review with respect to the presence of endangered or threatened species.

Segment No. 1903 is currently listed on the state's inventory of impaired and threatened waters (the 2022 CWA § 303(d) list). The listing is specifically for bacteria in water from the confluence with the San Antonio River upstream to the confluence with Medio Creek (AUs 1903_01,

1903_02 and 1903_03). This facility is designed to provide adequate disinfection and, when operated properly, should not add to the bacterial impairment of the segment.
In addition, in order to ensure that the proposed discharge meets the stream bacterial standard, an effluent limitation of 126 colony-forming units (CFU) or most probable number (MPN) of *Escherichia coli* (*E. coli*) per 100 ml has been continued in the draft permit.

SUMMARY OF EFFLUENT DATA

The following is a summary of the applicant's effluent monitoring data for the period July 2022 through July 2024. The average of Daily Average value is computed by the averaging of all 30-day average values for the reporting period for each parameter: flow, five-day biochemical oxygen demand (BOD_5), and total suspended solids (TSS). The average of Daily Average value for *E. coli* in CFU or MPN per 100 ml is calculated via geometric mean and is a five year average from July 2019 to March 2022.

Parameter	Average of Daily Average
Flow, MGD	0.10
BOD_5, mg/l	2.0
TSS, mg/l	1.5
E. coli, CFU or MPN per 100 ml	1.0

DRAFT PERMIT CONDITIONS

The draft permit authorizes a discharge of treated domestic wastewater at a volume not to exceed a daily average flow of 0.32 MGD.

The effluent limitations in the draft permit, based on a 30-day average, are 10 mg/l BOD_5, 15 mg/l TSS, 126 CFU or MPN of *E. coli* per 100 ml, and 4.0 mg/l minimum dissolved oxygen (DO). The effluent shall contain a total chlorine residual of at least 1.0 mg/l and shall not exceed a total chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes based on peak flow.

The facility does not appear to receive significant industrial wastewater contributions. Permit requirements for pretreatment are based on TPDES regulations contained in 30 TAC Chapter 305, which references 40 Code of Federal Regulations (CFR) Part 403, "General Pretreatment Regulations for Existing and New Sources of Pollution" *[rev. Federal Register/ Vol. 70/ No. 198/ Friday, October 14, 2005/ Rules and Regulations, pages 60134-60798]*. The draft permit includes specific requirements that establish responsibilities of local government, industry, and the public to implement the standards to control pollutants which pass through or interfere with treatment processes in publicly owned treatment works or which may contaminate the sewage sludge. This permit has appropriate pretreatment language for a facility of this size and complexity.

The draft permit includes Sludge Provisions according to the requirements of 30 TAC Chapter 312, *Sludge Use, Disposal, and Transportation*. Sludge generated from the treatment facility is hauled by a registered transporter and disposed of at a TCEQ-permitted landfill, Tessman Road Landfill, Permit No. 1410C, in Bexar County and to Martinez II WWTP, Permit No. WQ0010749004, to be digested, dewatered, and then disposed of with the bulk of the sludge from the plant accepting the sludge. The draft permit also authorizes the disposal of sludge at a

TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

SUMMARY OF CHANGES FROM APPLICATION

None.

SUMMARY OF CHANGES FROM EXISTING PERMIT

Effluent limitations and monitoring requirements in the draft permit remain the same as the existing permit requirements.

The Standard Permit Conditions, Sludge Provisions, and Other Requirements sections of the draft permit have been updated.

For Publicly Owned Treatment Works (POTWs), effective December 21, 2025, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

The draft permit includes all updates based on the 30 TAC 312 rule change effective April 23, 2020.

BASIS FOR DRAFT PERMIT

The following items were considered in developing the draft permit:

1. Application received on August 21, 2024.

2. TPDES Permit No. WQ0011822001 issued on March 3, 2020.

3. The effluent limitations and conditions in the draft permit comply with EPA-approved portions of the 2018 Texas Surface Water Quality Standards (TSWQS), 30 TAC §§ 307.1 - 307.10, effective March 1, 2018; 2014 TSWQS, effective March 6, 2014; 2010 TSWQS, effective July 22, 2010; and 2000 TSWQS, effective July 26, 2000.

4. The effluent limitations in the draft permit meet the requirements for secondary treatment and the requirements for disinfection according to 30 TAC Chapter 309, Subchapter A: Effluent Limitations.

5. Interoffice Memoranda from the Water Quality Assessment Section of the TCEQ Water Quality Division. Interoffice Memorandum from the Pretreatment Team of the TCEQ Water Quality Division.

6. Consistency with the Coastal Management Plan: The facility is not located in the Coastal Management Program boundary.

7. *Procedures to Implement the Texas Surface Water Quality Standards* (IP), Texas Commission on Environmental Quality, June 2010, as approved by EPA, and the IP, January 2003, for portions of the 2010 IP not approved by EPA.

8. Texas 2022 Clean Water Act Section 303(d) List, Texas Commission on Environmental Quality, June 1, 2022; approved by the U.S. Environmental Protection Agency on July 7, 2022.

9. Texas Natural Resource Conservation Commission, Guidance Document for Establishing Monitoring Frequencies for Domestic and Industrial Wastewater Discharge Permits, Document No. 98-001.000-OWR-WQ, May 1998.

PROCEDURES FOR FINAL DECISION

When an application is declared administratively complete, the Chief Clerk sends a letter to the applicant advising the applicant to publish the Notice of Receipt of Application and Intent to Obtain Permit in the newspaper. In addition, the Chief Clerk instructs the applicant to place a copy of the application in a public place for review and copying in the county where the facility is or will be located. This application will be in a public place throughout the comment period. The Chief Clerk also mails this notice to any interested persons and, if required, to landowners identified in the permit application. This notice informs the public about the application, and provides that an interested person may file comments on the application or request a contested case hearing or a public meeting.

Once a draft permit is completed, it is sent, along with the Executive Director's preliminary decision, as contained in the technical summary or fact sheet, to the Chief Clerk. At that time, the Notice of Application and Preliminary Decision will be mailed to the same people and published in the same newspaper as the prior notice. This notice sets a deadline for making public comments. The applicant must place a copy of the Executive Director's preliminary decision and draft permit in the public place with the application.

Any interested person may request a public meeting on the application until the deadline for filing public comments. A public meeting is intended for the taking of public comment, and is not a contested case proceeding.

After the public comment deadline, the Executive Director prepares a response to all significant public comments on the application or the draft permit raised during the public comment period. The Chief Clerk then mails the Executive Director's response to comments and final decision to people who have filed comments, requested a contested case hearing, or requested to be on the mailing list. This notice provides that if a person is not satisfied with the Executive Director's response and decision, they can request a contested case hearing or file a request to reconsider the Executive Director's decision within 30 days after the notice is mailed.

The Executive Director will issue the permit unless a written hearing request or request for reconsideration is filed within 30 days after the Executive Director's response to comments and final decision is mailed. If a hearing request or request for reconsideration is filed, the Executive Director will not issue the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting. If a contested case hearing is held, it will be a legal proceeding similar to a civil trial in state district court.

If the Executive Director calls a public meeting or the Commission grants a contested case hearing as described above, the Commission will give notice of the date, time, and place of the meeting or hearing. If a hearing request or request for reconsideration is made, the Commission will consider all public comments in making its decision and shall either adopt the Executive Director's response to public comments or prepare its own response.

For additional information about this application, contact Kellie Crouch at (512) 239-2435.

Kellie Crouch — June 9, 2025

Kellie Crouch
Land Application Team
Water Quality Assessment Section (MC 150)

Date

City of Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Buffer Zone Map

This application is for a renewal, buffer zone map is not required for a renewal.

City of Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Design Calculations

This application is for a renewal, design calculations are not required for a renewal.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 21, 2024

Dear Applicant:

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

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

ER Account Number: ER006578
Application Reference Number: 660663
Authorization Number: WQ0011822001
Site Name: Somerset WWTP
Regulated Entity: RN101609139 - City of Somerset WWTP
Customer(s): CN600528061 - City of Somerset

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

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

Sincerely,
Applications Review and Processing Team
Water Quality Division

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

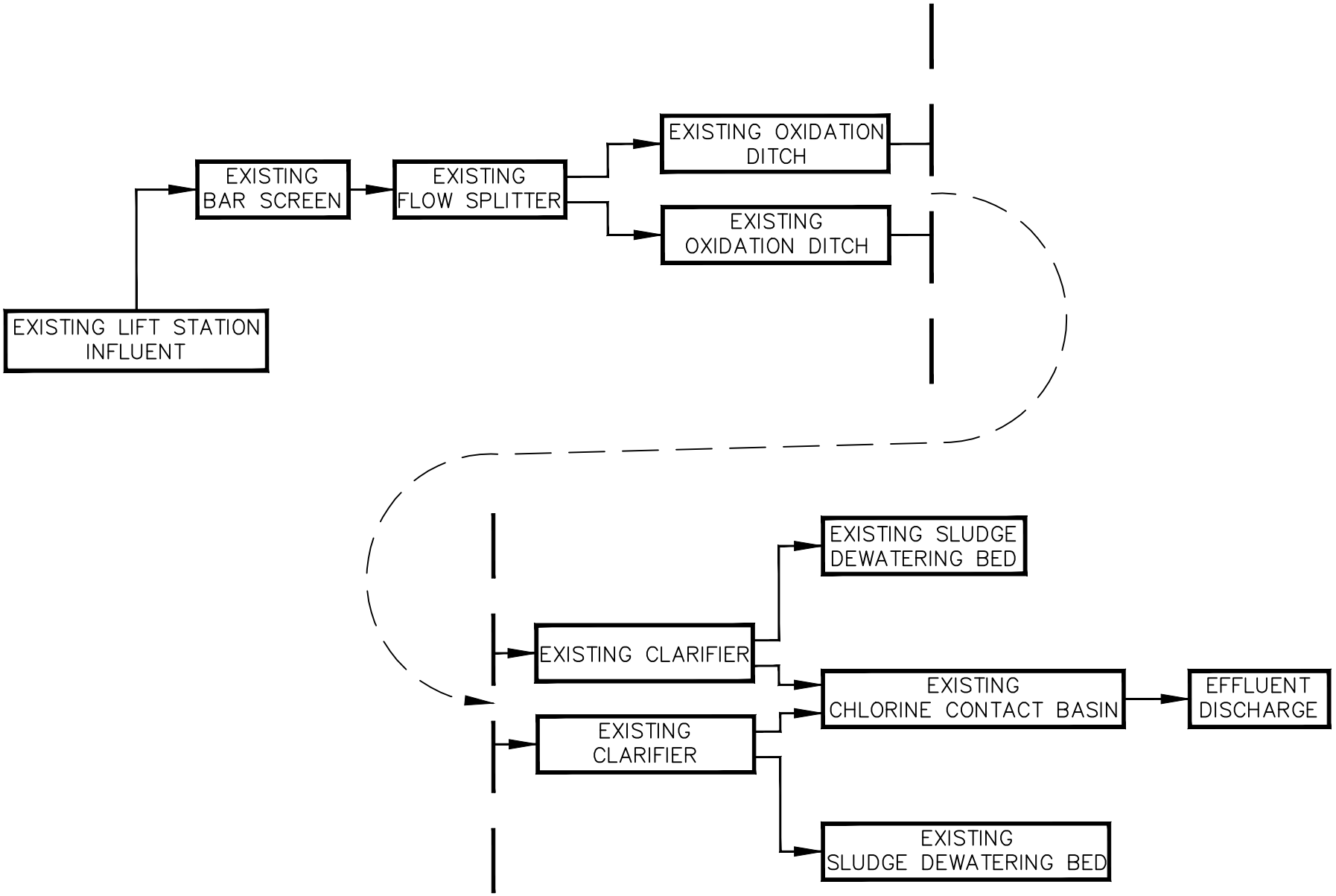
Attachment 11

Flow Diagram

Reference: Domestic Technical Report 1.0

Section 2 C

PROPOSED PROCESS FLOW DIAGRAM FOR SOMERSET WWTP
ATTACHMENT 11



Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 2

Plain Language Summary

Reference: Domestic Administrative Report 1.0

Section 8 F

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS
Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER
The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

City of Somerset ((CN600528061) operates the City of Somerset Wastewater Treatment Facility (RN101609139), an activated sludge facility operated in extended aeration mode. The facility is located at 20280 Payne Road, in Somerset, Bexar County, Texas 78069. This application is for a renewal to discharge 320,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and Escherichia coli. Domestic wastewater is treated by a mechanical bar screen, aeration basins, final clarifiers, and a chlorine contact chamber.

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.

City of Somerset (CN600790620) opera City of Somerset Wastewater Treatment Facility (RN101609139), una instalacion de tratamiento de aguas residuales. La instalación está ubicada en 20280 Payne Road, en Somerset, Condado de Bexar, Texas 78069. Esta solicitud es para una renovacion para descargar 320,000 galones por dia de aguas residuals domesticas tratadas.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxigeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. Aguas residuals domesticas están tratado por una reja de barra mecanica, cuencas de aireacion, clarificadores finales, y una camara de contacto de cloro.

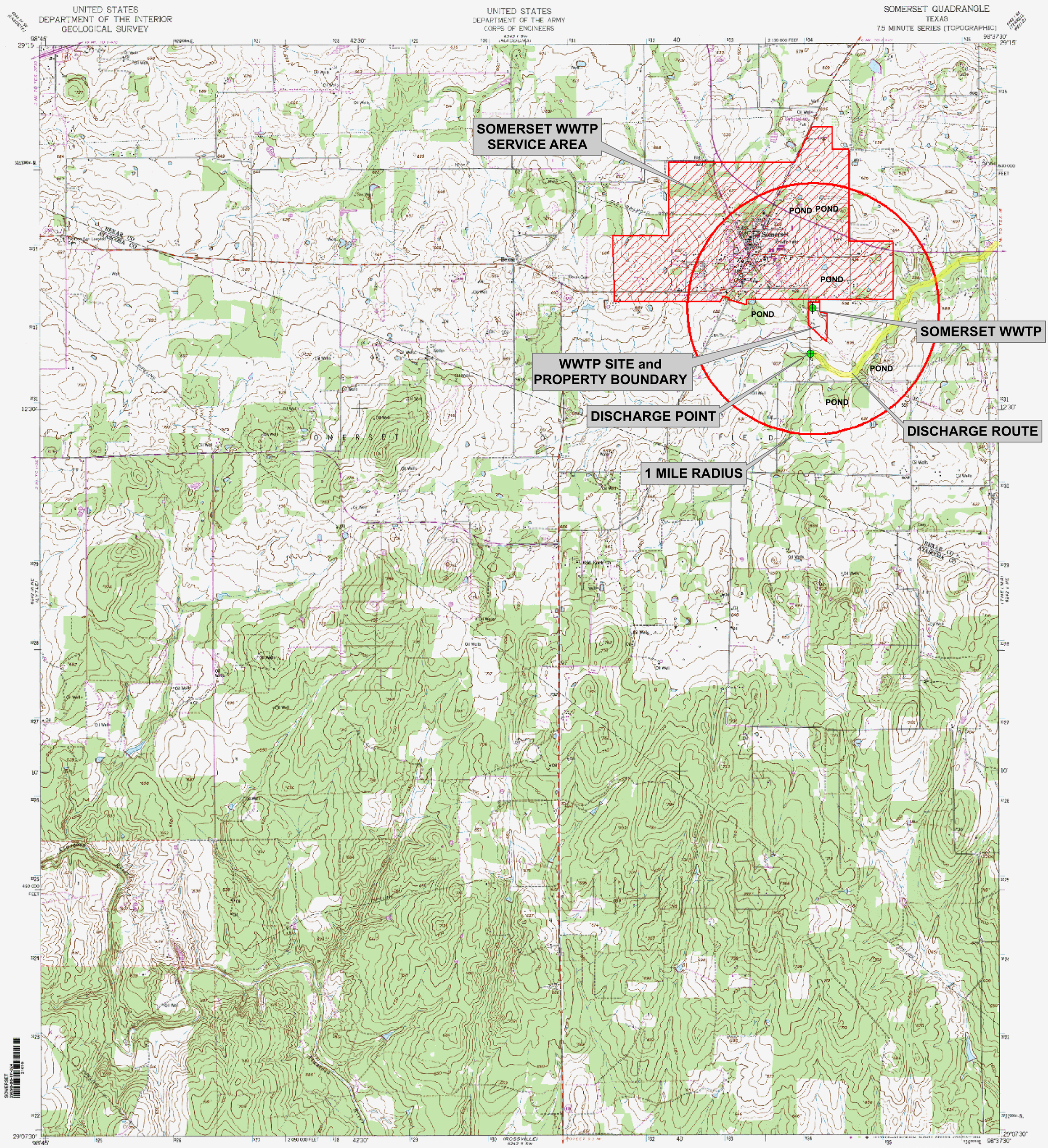
Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 5

USGS Map

Reference: Domestic Administrative Report 1.0

Section 13

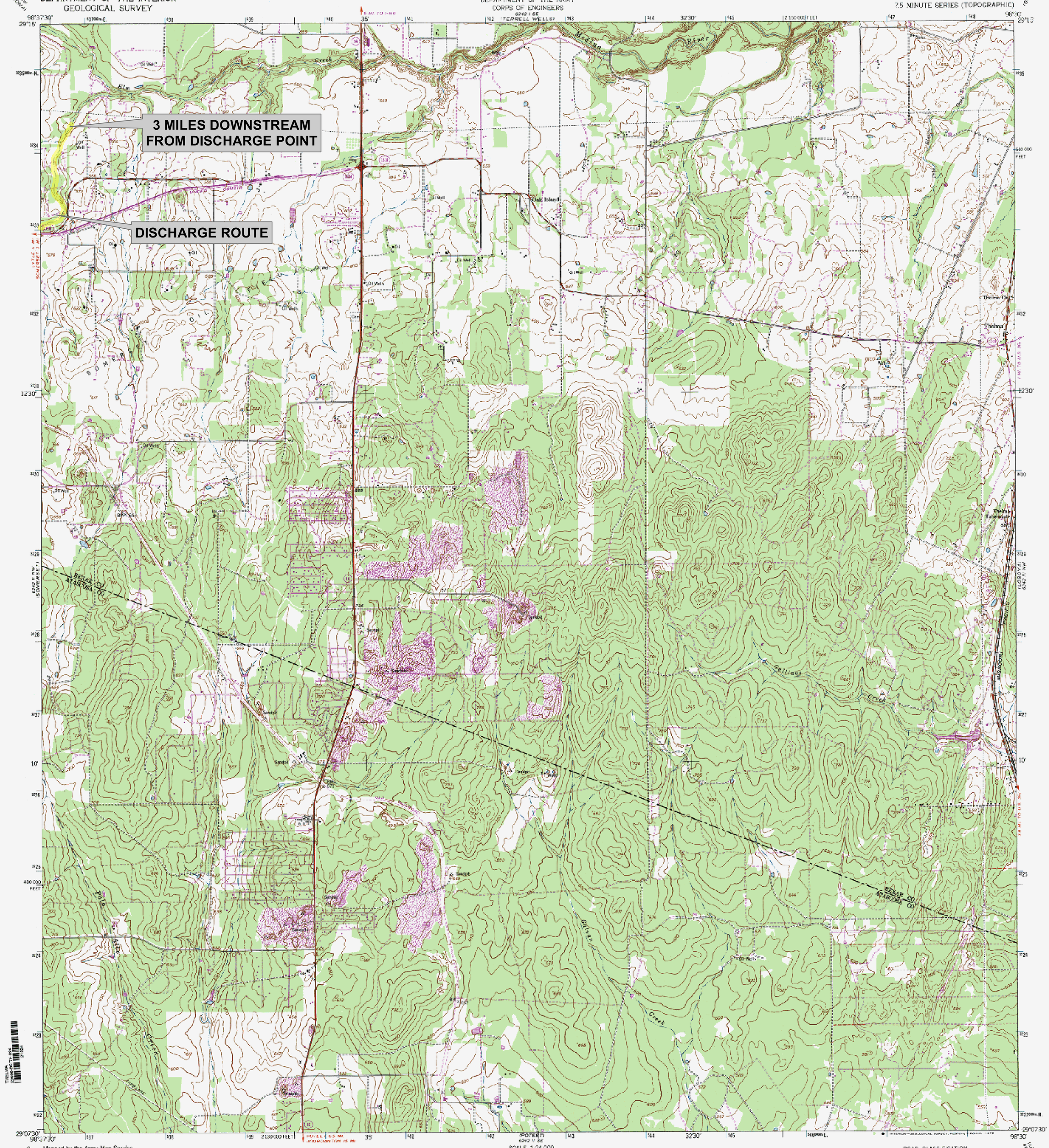


0 0.35 0.7 1.4 2.1 2.8 Miles

Original USGS Topographic Map

N W E S

Somerset WWTP Attachment 5A



0 0.35 0.7 1.4 2.1 2.8 Miles

Original USGS Topographic Map

N W E S

Somerset WWTP
Attachment 5B

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 1

Copy of Check

Reference: General Information Renewal

(STEERS Water Quality Individual Permits)

Total: **$1,215.00**

Customer #: TCEQ 7/25/2024 **Chk#:** 5307

7252024TCEQ 2024 Permit Renewal Fee	7/25/2024	$1,215.00

Total: **$1,215.00**

CITY OF SOMERSET
SEWER DEPARTMENT
7360 E. 6TH STREET
SOMERSET, TX 78069
PH. (830) 429-3639

TEXAS COMMUNITY BANK
SOMERSET, TX 78069
30-1101/1140

5307

CHECK NO. 5307

** One Thousand Two Hundred Fifteen And 00/100 **

DATE	AMOUNT
7/25/2024	**$1,215.00**

PAY TO THE ORDER OF

TCEQ
Cashier's Office, MC-214
PO Box 13088
Austin, TX 78573

TWO SIGNATURES REQUIRED OVER $100.00
VOID IF NOT CASHED AFTER 60 DAYS

⑈005307⑈ ⑆114011011⑆ ⑈0001073⑈

TexasCommunityBank

Account [redacted] Sewer Dept
Date: 8/16/2024

0003242263878300025

DLN: 0003242263878300025
DATE: 20240813
TX State Comptroller of Public Accounts

0003242263878300025
FOR DEPOSIT ONLY

ENDORSE HERE:

PAY TO THE ORDER OF STATE COMPTROLLER TCEQ

DO NOT WRITE, STAMP OR SIGN BELOW THIS LINE
★ RESERVED FOR FINANCIAL INSTITUTION USE ★

★ FEDERAL RESERVE BOARD OF GOVERNORS REG. CC

Security Features:
Padlock Icon
Chemical Protection
Chemical Erasure Protection
Security Screen
Microprint
Artificial Watermark
Fluorescent Fibers
Colored Pantograph

0003242263878300025

CITY OF SOMERSET
SEWER DEPARTMENT
7360 E. 6TH STREET
SOMERSET, TX 78069
PH. (830) 429-3639

TEXAS COMMUNITY BANK
SOMERSET, TX 78069
30-1101/1140

5307

CHECK NO. 5307

** One Thousand Two Hundred Fifteen And 00/100 **

DATE	AMOUNT
7/25/2024	$1,215.00

PAY TO THE ORDER OF

TCEQ
Cashier's Office, MC-214
PO Box 13088
Austin, TX 78573

TWO SIGNATURES REQUIRED OVER $100.00
VOID IF NOT CASHED AFTER 60 DAYS

⑈005307⑈ ⑆114011011⑆ [redacted]

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 9

Description of Treatment Process

Reference: Domestic Technical Report 1.0

Section 2 A

ATTACHMENT 9

Description of Treatment Process

The Somerset WWTP operates in the extended aeration process with a current permitted flow rate of 0.32 MGD. The plant includes an on-site lift station with three (3) centrifugal pumps. There are two (2) aeration basins and two (2) clarifiers, and a chlorine disinfection basin. Please see Attachment 11 "WWTP Flow Diagram" for a graphic explanation of the overall treatment process.

The process begins when raw sewage pumped from the on-site lift station passes through a mechanically cleaned bar screen. The bar screen will remove large objects prior to entering a splitter box, followed by gravity flow to the each of the two aeration basins where the raw sewage comes in contact with a dense population of microorganisms (mixed liquor). The basins are continuously mixed and aerated. A continuous and ample supply of air is required to mix and aerate the mixed liquor and raw sewage to provide the oxygen required by the bacteria.

Mixed liquor from the aeration basins flows by gravity to two (2) clarifiers where the sludge settles from the water. The clear effluent flows over a weir, through a chlorine disinfection chamber, metered through a plant effluent V-notch weir, and then discharged to an un-named tributary of Elm Creek. Settled sludge (Return Activated Sludge) is continuously swept from the bottom of the clarifier into a sump where it is pumped back to each of the aeration basins. Scum and floating materials are removed with skimming blades attached to the clarifier skimming mechanism, and then gravity flow back into the treatment process.

Excess waste activated sludge is pumped from the bottom of the clarifiers to the sludge drying beds or to a sludge dewatering box. Dewatered sludge is transported away for disposal at either of the following two (2) TCEQ approved disposal sites:

1. Dewatered sludge cake is transported to the Martinez II Recycling Facility (TCEQ Permit WQ0010749-004) where the material is mixed with other compostable materials, such as wood chips, etc., and composted at high temperatures to meet the US EPA "Process to Further Reduce Pathogens" Class A pathogen reduction criteria of fifteen (15) days above fifty-five (55) degrees Celsius with at least five (5) turnings during the high temperature period. After the material is tested for pathogen indicator organisms and regulated pollutants, it is then screened and marketed back to the general public as a soil conditioner.
2. Dewatered sludge may also be disposed at the Allied Waste (BFI Tessman Road) Type I Municipal Solid Waste Landfill, TCEQ Permit No. 1410-A for final disposal should the other option described above not be available.

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 10

Type and Dimension of Each Treatment Unit

Reference: Domestic Technical Report 1.0

Section 2 B

Somerset WWTP
Type and Dimensions of Treatment Units

On-site Lift Station:

Three (3) 400 GPM Centrifugal Pumps
One (1) 1020 GPM Centrifugal Pump (Godwin Dri-Prime Backup System)
(Serves as backup during pump failure and/or electrical failure)

Headworks:

One (1) ¼" Diameter Spacing Rotary Mechanical Screen
One (1) 1" Spacing Fixed Bar Screen

Aeration Basin Dimensions:

One (1) Oxidation Ditch: 167' x 21' x 6' Deep
One (1) Oxidation Ditch: 81' x 32' x 8' Deep

Clarifiers:
Two (2) Clarifiers: 35' Diameter, 12.5' Side Water Depth (each)

RAS/WAS Station
Two (2) 250 GPM Centrifugal Pumps

Sludge Dewatering:
One (1) Sludge Drying Bed: 52' x 45'
One (1) Sludge Drying Bed: 20' x 15' (Wedge Bed)
One (1) Sludge Drying Bed: 45' x 45'
One (1) Dewatering Box Pad: 32' x 17'

Chlorine Disinfection:
One (1) Basin: 50.66' long x 13.66' wide x 11' deep

Flow Measurement:
Flow is measured through a 90 degree V-Notch Weir prior to discharge

Power Generator:
Generac 2000 Series 100 KW
Model # 2439180200

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 13

Pollutant Analyses of Treated Effluent

Reference: Domestic Technical Report 1.0

Section 7

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Daniel Flores **San Antonio River Authority** **100 E. Guenther St** **San Antonio, TX 78204**	**Project Name: Somerset TCEQ Minor Permit** **Sample ID: Effluent** **Matrix: Non-Potable Water** **Date/Time Taken: 7/17/2024 0911**	**PCS Sample #: 768297 Page 1 of 2** **Date/Time Received: 7/17/2024 10:21** **Report Date: 7/24/2024** **Approved by:** Chuck Wallgren, President

Test Description	Flag	Result	Units	RL	Analysis Date/Time	Method	Analyst
CBOD5		8	mg/L	3	07/17/2024 14:19	SM 5210 B	GQM
Chloride_IC		111	mg/L	2	07/17/2024 15:37	EPA 300.0	JAS
Nitrate-N_IC		12.1	mg/L	0.2	07/17/2024 15:37	EPA 300.0	JAS
Phosphorus, Total		3.37	mg/L	0.10	07/24/2024 05:20	SM 4500-P/B/E	JAS
Sulfate_IC	R	57	mg/L	2	07/17/2024 15:37	EPA 300.0	JAS
Total Dissolved Solids		468	mg/L	10	07/22/2024 10:30	SM 2540C	PML
Total Suspended Solids		2	mg/L	1	07/17/2024 14:50	SM 2540 D	PML/LCC
Ammonia-N (ISE)		0.5	mg/L	0.1	07/18/2024 11:25	SM 4500-NH3 D	BMR

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
CBOD5	4	23	N/A	N/A	N/A	N/A	Pend	167 - 228	
Chloride_IC	2	10	95	101	99	102	99	85 - 115	
Nitrate-N_IC	<1	20	70	99	99	130	96	85 - 115	
Phosphorus, Total	<1	10	91	102	102	103	100	85 - 115	
Sulfate_IC	<1	10	94	*102	*102	101	105	85 - 115	
Total Dissolved Solids	<1	10	N/A	N/A	N/A	N/A			
Total Suspended Solids	*19	10	N/A			N/A			
Ammonia-N (ISE)	1	10	80	93	92	120	90	85 - 115	

***Quality Statement:** All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.*

*Approved for release per QA Plan, Exception to Limits - QAM Section 13-4
R Spike recovery outside control limits due to matrix effect - LCS within limits

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits
QC Data Reported in %, Except BOD in mg/L

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Daniel Flores **San Antonio River Authority** **100 E. Guenther St** **San Antonio, TX 78204**	**Project Name: Somerset TCEQ Minor Permit** **Sample ID: Effluent** **Matrix: Non-Potable Water** **Date/Time Taken: 7/17/2024 0911**	**PCS Sample #: 768297 Page 2 of 2** **Date/Time Received: 7/17/2024 10:21** **Report Date: 7/24/2024**

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Kjeldahl-N, Total	6	mg/L	1	07/18/2024 09:30	SM 4500-N B/C	BMR

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Kjeldahl-N, Total	2	10	90	97	99	109	101	85 - 115	<1

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

SAN ANTONIO RIVER AUTHORITY
600 E. Euclid
San Antonio, TX 78212-4405

Environmental Sciences Department Laboratory

ANALYTICAL REPORT

April 11, 2024

Customer: SARA - City of Somerset
Daniel Flores
1280 S. FM 1516
San Antonio, TX 78263
Fax #:210-661-9324

Sample Location: Somerset Effluent
Sample Number: AB46853
Sample Matrix: Non Potable Water

Collection Date/Time: 04/08/2024 10:15
Receipt Date/Time: 04/08/2024 15:01

CASE NARRATIVE

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted.
For questions regarding this report, please contact Zachary Jendrusch, Laboratory Supervisor, at (210) 302-3275.

Analysis identified with a "√" complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments:

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

The data in this report is current as of: 4/11/2024 15:30:21

SAN ANTONIO RIVER AUTHORITY
600 E. Euclid
San Antonio, TX 78212-4405

Environmental Sciences Department Laboratory

ANALYTICAL REPORT

ANALYTICAL RESULTS

	Analysis Method	NELAP	Result	Units	Qualifier	Reporting Limit	QC Batch #	Analysis Date	Analysis Time	Analyst
AB46853-A	E. coli									
	SM 9223B-2016	√	41	MPN/100 mL		1	79078	4/8/24	16:13	DMS
AB46853-A	E. Coli Holding Time - IDEXX Colilert									
			5.97	hours		0.00	79077	4/8/24	16:13	DMS

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

The data in this report is current as of: 4/11/2024 15:30:21

SAN ANTONIO RIVER AUTHORITY
600 E. Euclid
San Antonio, TX 78212-4405

Environmental Sciences Department Laboratory

ANALYTICAL REPORT

QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-79078

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
Initial Blank for E. coli	Absent			---	Absent	---

Nicholas Johnson
Quality Assurance Specialist I

4/11/2024
Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

The data in this report is current as of: 4/11/2024 15:30:21

MONTH June-24 YEAR 2023 SOMERSET PLANT DAILY SAMPLES

DATE	EFFLUENT D.O.	EFFLUENT TEMP	EFFLUENT PH	EFFLUENT TEMP	EFFLUENT CL2			E. COLI	TRACK 1 D.O.	TRACK 1 TEMP	TRACK 1 PH	TRACK 1 SS 5	TRACK 1 SS30	TRACK 2 D.O.	TRACK 2 TEMP	TRACK 2 PH	TRACK 2 SS 5	TRACK 2 SS30	RAW D.O.	RAW Ph	RAW Temp.			SKY	INT.	TEST TIME PH	TEST TIME D.O.
1					3.0																						
2					3.5																						
3	5.70	28.1	7.2	26.3	2.2				0.65 / 1.03	28.2	7.3	980	910	0.80 / 1.36	27.7	7.1	990	930	0.60	7.4	27.8			CLDY	SV	8:13AM	8:05AM
4	4.70	28.3	7.2	27.9	2.1				0.16 / 0.42	28.3	7.3	980	930	0.23 / 1.53	27.9	7.0	990	930	3.03	6.9	28.1			P/C	SV	6:18AM	6:10AM
5	4.98	28.9	7.2	26.4	2.7				0.17 / 0.59	29.1	7.2	980	900	0.19 / 0.91	28.4	7.0	980	890	0.27	7.3	30.1			M/C	SV	7:43AM	7:30AM
6	5.69	28.7	7.1	26.9	2.1				0.24 / 0.73	28.5	7.2	980	910	0.41 / 0.92	27.9	7.0	990	910	1.08	7.1	31.6			CLR	SV	7:38AM	7:25AM
7	4.64	28.7	7.1	25.4	2.2				0.25 / 0.61	28.7	7.1	990	900	0.41 / 1.03	28.0	6.9	990	910	0.94	7.5	31.0			SUNNY	SV	7:48AM	7:40AM
8					3.1																			P/C	EC		
9					3.0																			P/C	EC		
10					1.5																			RAINY	SV		
11	5.11	28.1	7.1	26.4	2.7				0.14 / 0.45	28.2	7.4	990	920	0.32 / 0.90	27.6	7.4	990	910	0.80	7.6	30.0			P/C	SV	7:23AM	7:15AM
12	5.54	28.6	7.3	26.8	3.1				0.17 / 0.40	28.5	7.4	990	940	1.90 / 2.30	27.7	7.3	990	950	5.51	7.6	29.8			P/C	SV	7:38AM	7:30AM
13	4.61	28.9	7.4	26.1	2.3				0.19 / 0.43	29.0	7.5	990	930	0.85 / 1.76	28.2	7.3	990	900	2.50	7.5	29.3			P/C	SV	7:13AM	7:05AM
14	5.13	29.3	7.4	27.0	1.2				0.18 / 0.51	29.1	7.5	980	910	0.74 / 1.39	28.3	7.3	980	880	0.52	7.4	26.5			P/C	SV	7:33AM	7:25AM
15					3.3																			P/C	CV		
16					3.2																			P/C	CV		
17					1.3				0.18 / 0.43	29.0	7.6	970	910	0.60 / 1.14	28.3	7.3	950	820	1.10	7.6	30.3			CLDY	JHA		
18	4.30	28.6	7.5	26.7	3.1				0.13 / 0.25	28.4	7.6	990	920	0.19 / 0.28	28.2	7.3	990	870	0.36	7.7	27.6			CLDY	JHA	8:36AM	7:50AM
19					3.7																			CLDY	CV		
20	5.20	27.7	7.3	25.0	2.7				0.13 / 0.23	27.0	7.4	980	850	0.18 / 0.40	27.5	7.1	980	920	0.30	7.6	26.2			CLDY	JHA	8:38AM	8:28AM
21					1.7				0.17 / 0.42	28.0	7.5	980	920	0.56 / 0.70	27.8	7.2	980	850	0.43	7.6	28.7			P/C	JHA		
22					2.7																			SUNNY	JHA		
23					3.0																			SUNNY	JHA		
24	5.74	29.1	7.0	27.6	1.4				0.12 / 0.45	29.6	7.3	990	940	0.33 / 1.12	28.4	7.0	970	840	0.45	7.3	28.9			P/C	SV	7:58AM	7:50AM
25	6.11	29.3	7.2	26.2	2.6				0.35 / 0.59	30.2	7.4	990	910	0.42 / 0.94	28.8	7.1	970	820	0.45	7.2	28.2			P/C	SV	6:48AM	6:40AM
26	5.32	26.8	7.1	27.8	2.5				0.22 / 0.64	29.4	7.4	930	830	0.45 / 1.33	28.7	7.1	920	800	0.42	7.3	29.0			M/C	SV	7:23AM	7:10AM
27	4.50	29.4	7.1	27.4	3.8				0.16 / 0.41	29.4	7.4	960	830	0.34 / 1.31	28.8	7.2	970	810	3.65	7.1	28.4			P/C	SV	7:13AM	7:05AM
28	5.20	29.6	7.2	27.1	3.0				0.14 / 0.35	29.9	7.3	980	940	0.16 / 1.06	29.0	7.1	970	810	0.24	7.4	31.3			P/C	SV	7:28AM	7:20AM
29					2.1																				SV		
30					2.7																				SV		
31																											
High																											
Low																											

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 14

Agreement From Facility Accepting Sludge

Reference: Domestic Technical Report 1.0

Section 9 C

Attachment 14

Re: Permit Application
Applicant Name: City of Somerset (CN600528061)
Type of Authorization: Permit Renewal
Site Name: Somerset WWTP; WQ0011822-001; RN101609139

Martinez II Wastewater Treatment Plant (Permit No.WQ0010749-004) and the on-site Composting Facility agrees to accept sewage sludge from the Somerset WWTP (Permit No.WQ0011822-001). The Martinez II WWTP is owned and operated by the San Antonio River Authority. The Compost Facility is operated by Texas Landfill Management, LLC. The Somerset WWTP is owned by the City of Somerset and operated by the San Antonio River Authority.

If you have any questions or need additional information, please call me at (210) 302-4200.

Sincerely,

Leamon Anderson
Deputy Director, Utilities Operations
San Antonio River Authority

7-31-24
Date

Lloyd Bamping
Operations Manager
Texas Landfill Management, LLC
Martinez II Recycling Facility

7/31/24
Date

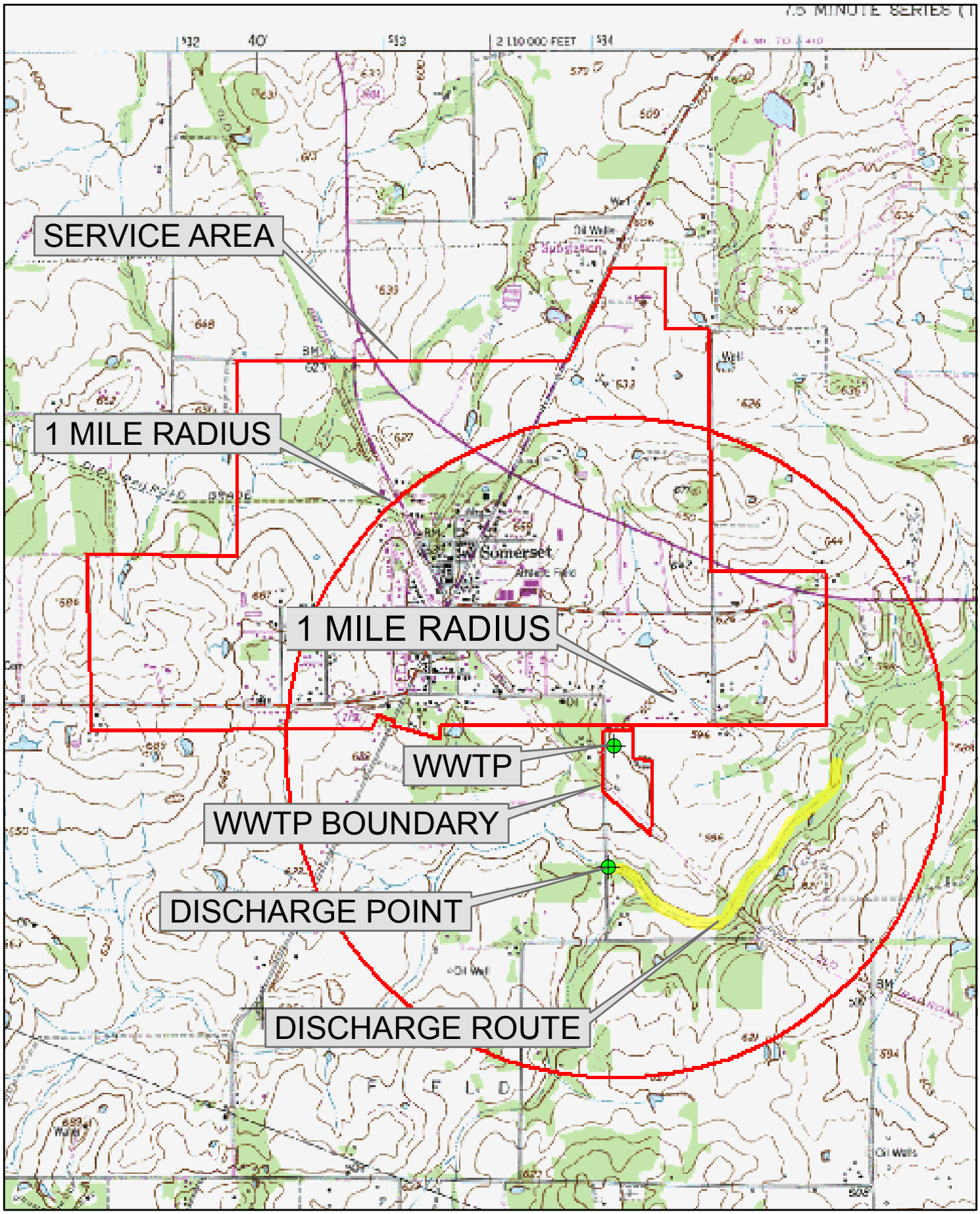
Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 12

Site Drawing

Reference: Domestic Technical Report 1.0

Section 3



0.25 0.125 0 0.25 0.5 0.75 1 Miles

N
W E
S

SOMERSET WWTP
FACILITY SITE DRAWING
ATTACHMENT 12

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 3

Supplemental Permit Information Form

Reference: Supplemental Permit Information Form

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: City of Somerset

   Permit No. WQ00 11822-001 EPA ID No. TX 0074331

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

   20280 Payne Road, Somerset, TX 78069 in Bexar County.

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: Michael Montney

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: Operations Director

Mailing Address: 7360 E. 6th Street

City, State, Zip Code: Somerset, TX 78069

Phone No.: 830-701-4100 Ext.: Click here to enter text. Fax No.: 830-429-3781

E-mail Address: operations.director@somersettx.gov

2. List the county in which the facility is located: Bexar
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.

Discharged from the plant to an unnamed creek; thence to an unnamed tributary of Elm Creek; thence to Elm Creek; thence to the Medina River below Medina Diversion Lake in Segment No. 1903 of the San Antonio 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:

N/A

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

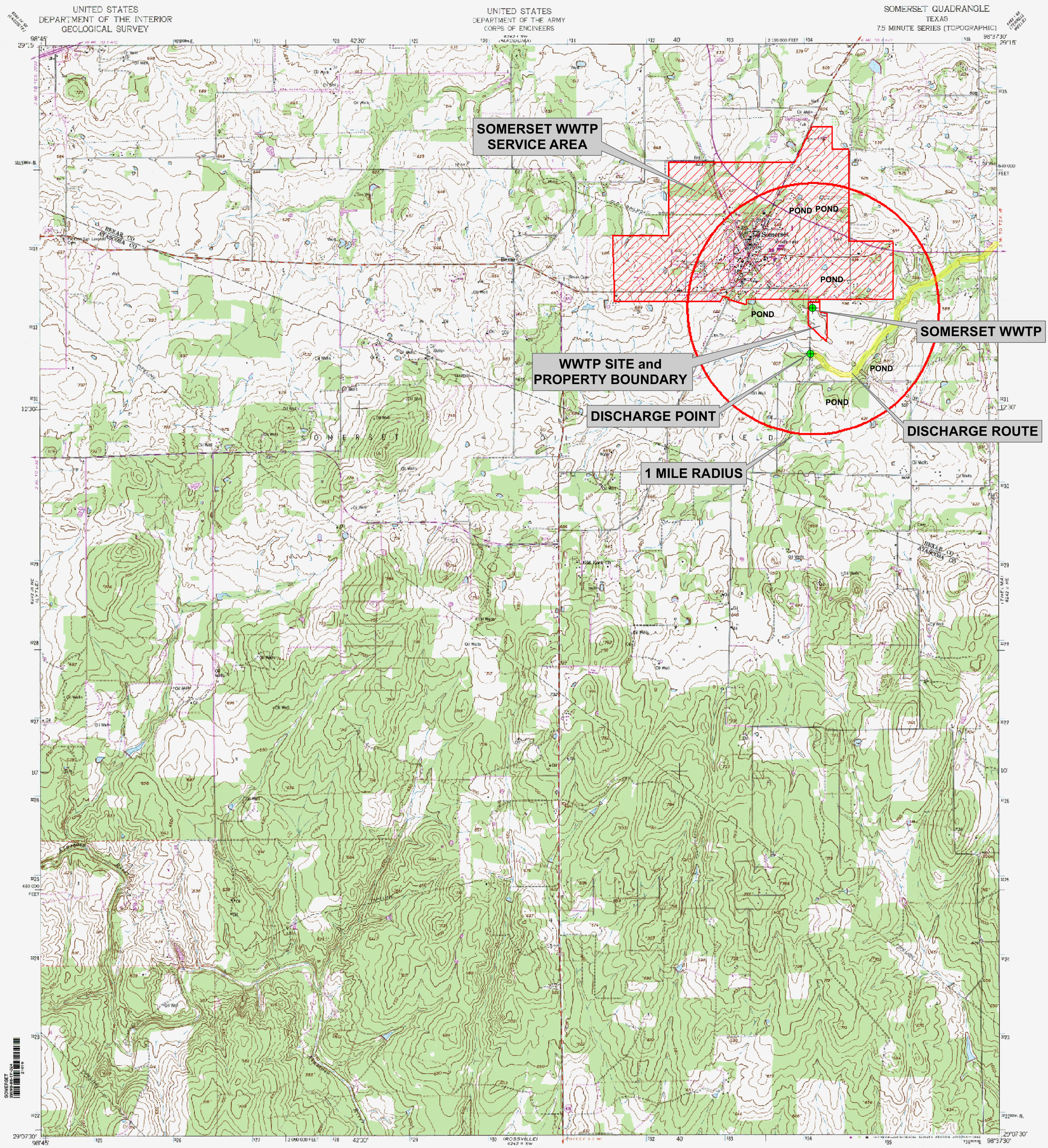
Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 4

USGS Map and General Location Map

Reference: Supplemental Permit Information Form

Item 5

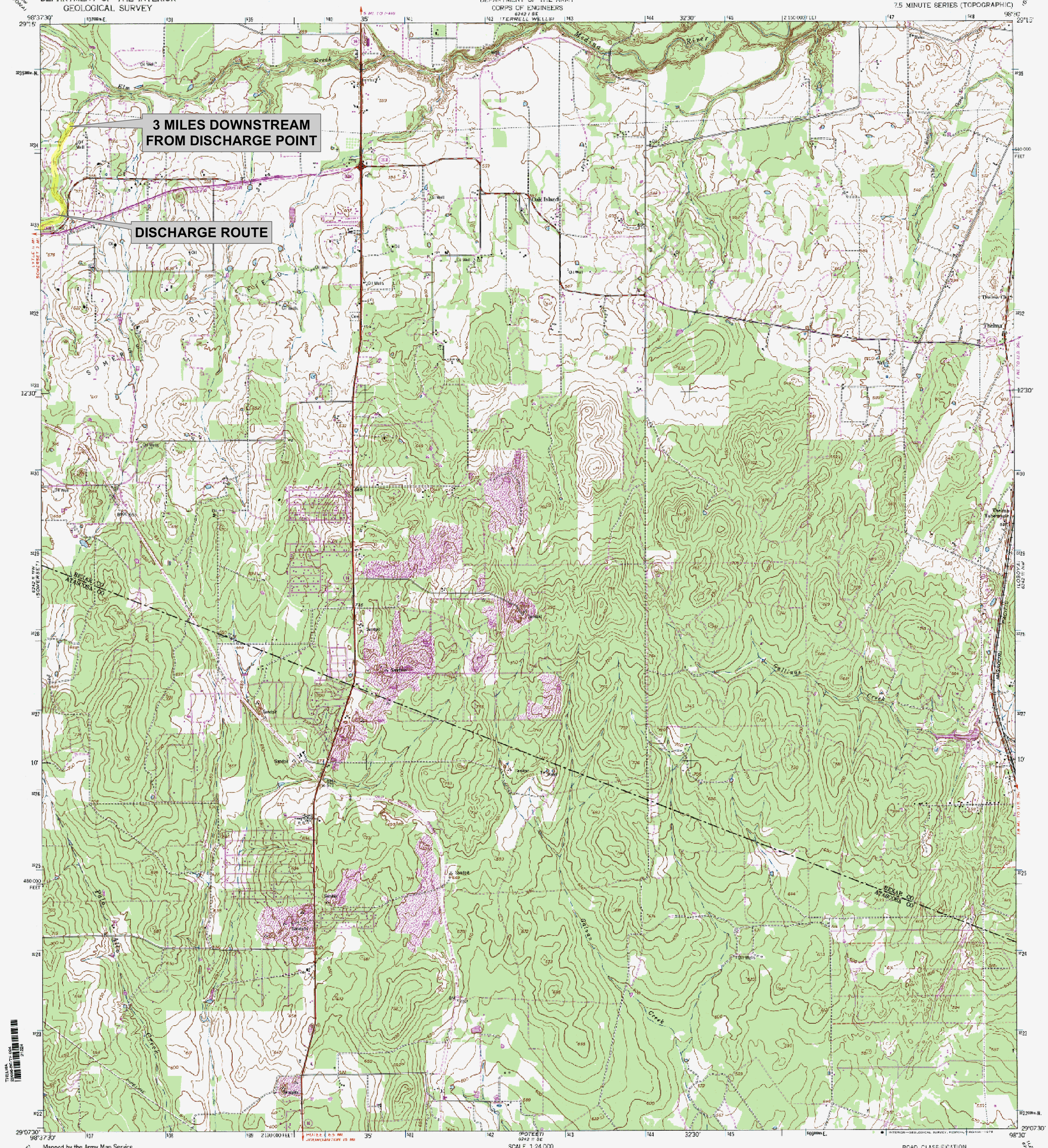


0 0.35 0.7 1.4 2.1 2.8 Miles

Original USGS Topographic Map

N W E S

Somerset WWTP Attachment 4A



0 0.35 0.7 1.4 2.1 2.8 Miles

Original USGS Topographic Map

N W E S

Somerset WWTP
Attachment 4B

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 6

Domestic Technical Report 1.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.320

2-Hr Peak Flow (MGD): 1.28

Estimated construction start date: N/A

Estimated waste disposal start date: 2013

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: 08/01/2013

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

See Attachment 9

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
See Attachment 10		

C. Process Flow Diagram

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

Attachment: See Attachment 11

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

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

- Latitude: 29.214910
- Longitude: -98.649772

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

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

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: See Attachment 12

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

City of Somerset

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

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
City of Somerset Collection System	City of Somerset	**Publicly Owned**	1,631
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☒ Yes ☐ No

If yes, provide the date(s) of approval for each phase: 11/16/2010

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

N/A

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

N/A

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

4. *Grease and decanted liquid disposal*

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

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

Click to enter text.

E. Stormwater management

1. *Applicability*

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. *MSGP coverage*

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

3. *Conditional exclusion*

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

5. ***Zero stormwater discharge***

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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

intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Click to enter text.

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

Click to enter text.

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	8	8	1	Grab	7/17/24,9:11am
Total Suspended Solids, mg/l	2	2	1	Grab	7/17/24,9:11am
Ammonia Nitrogen, mg/l	0.5	0.5	1	Grab	7/17/24,9:11am
Nitrate Nitrogen, mg/l	12.1	12.1	1	Grab	7/17/24,9:11am
Total Kjeldahl Nitrogen, mg/l	6	6	1	Grab	7/17/24,9:11am
Sulfate, mg/l	57	57	1	Grab	7/17/24,9:11am
Chloride, mg/l	111	111	1	Grab	7/17/24,9:11am
Total Phosphorus, mg/l	3.37	3.37	1	Grab	7/17/24,9:11am
pH, standard units	7.00 min	7.50 max	16	Grab	June 2024
Dissolved Oxygen*, mg/l	4.30 min	6.11 max	16	Grab	June 2024
Chlorine Residual, mg/l	1.20 min	3.80 max	30	Grab	June 2024
E.coli (CFU/100ml) freshwater	41	41	1	Grab	4/8/24, 10:15am
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	468	468	1	Grab	7/17/24,9:11am
Electrical Conductivity, µmohs/cm, †	N/A	N/A	N/A	N/A	N/A
Oil & Grease, mg/l	N/A	N/A	N/A	N/A	N/A
Alkalinity ($CaCO_3$)*, mg/l	N/A	N/A	N/A	N/A	N/A

*TPDES permits only
†TLAP permits only

See Attachment 13

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Roel Vela

Facility Operator's License Classification and Level: Class B Wastewater

Facility Operator's License Number: WW0062301

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Biosolids Management

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

all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Not Applicable	6.0	Choose an item.	Choose an item.
Other	Off-site Third-Party Handler or Preparer	Not Applicable	10.0	Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Transport to another WWTP, See Attachment 14

D. Disposal site

Disposal site name: Republic, Tessman Rd. Landfill / Martinez II WWTP

TCEQ permit or registration number: 1410 / WQ0010749-004

County where disposal site is located: Bexar / Bexar

E. Transportation method

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

Name of the hauler: San Antonio River Authority

Hauler registration number: 21858

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

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

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

  Attachment: Click to enter text.
- Site map:

  Attachment: Click to enter text.

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

☐ Overlap a designated 100-year frequency flood plain

☐ Soils with flooding classification

☐ Overlap an unstable area

☐ Wetlands

☐ Located less than 60 meters from a fault

☐ None of the above

Attachment: Click to enter text.

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

Click to enter text.

B. Temporary storage information

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

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

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

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

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

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

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

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

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

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

  Attachment: Click to enter text.

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: Click to enter text.

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Lydia Hernandez

Title: Mayor

Signature: Lydia P. Hernandez

Date: 8/6/2024

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 7

Domestic Technical Report 2.0

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 64)

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

☐ Yes ☒ No

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

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

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

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

Attachment: Click to enter text.

Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

Click to enter text.

C. Sea grasses

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

☐ Yes ☐ No

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

Click to enter text.

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

If yes, this Worksheet is complete.

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

Section 4. Description of Immediate Receiving Waters (Instructions Page 65)

Name of the immediate receiving waters: Unnamed Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☒ Other, specify: Dry Creek

B. Flow characteristics

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

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

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

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

Elm Creek

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

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

Dry creek upstream. Water clear at point of discharge.

Date and time of observation: July 17, 2024 / 9:18am

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

Section 5. General Characteristics of the Waterbody (Instructions Page 66)

A. Upstream influences

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

☐ Oil field activities ☐ Urban runoff

☐ Upstream discharges ☒ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify: Click to enter text.

B. Waterbody uses

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

☒ Livestock watering

☐ Irrigation withdrawal

☐ Fishing

☐ Domestic water supply

☐ Park activities

☐ Contact recreation

☐ Non-contact recreation

☐ Navigation

☐ Industrial water supply

☐ Other(s), specify: Click to enter text.

C. Waterbody aesthetics

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

☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional

☒ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid

☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 15

Application Signature Page

Reference: Domestic Administrative Report 1.0 (Form 10053)

Section 14

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0011822-001

Applicant: City of Somerset

Certification:

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

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

Signatory name (typed or printed): Lydia Hernandez

Signatory title: Mayor

Signature: Lydia P. Hernandez Date: August 16, 2024

(Use blue ink)

Subscribed and Sworn to before me by the said Lydia P. Hernandez

on this 16th day of August, 2024.

My commission expires on the 22nd day of February, 2028.

AR

Notary Public

[SEAL]

Bexar

County, Texas

AVRIL JAELYNN RODRIGUEZ
Notary Public, State of Texas
Comm. Expires 02-22-2028
Notary ID 134775563

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

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

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

☐ Yes ☒ No

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

Click to enter text.

C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)

A. Substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 3.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 90)

A. General information

Company Name: N/A

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

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

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

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

N/A

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: Click to enter text.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: N/A

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

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

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

☐ Yes ☒ No

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

N/A

[redacted]

City of Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX007431)

Water Balance

This application is for a renewal, water balance is not required for a renewal.

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0011822001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	SOMERSET WWTP
Does the site have a physical address?	Yes
Physical Address	
Number and Street	20280 PAYNE RD
City	SOMERSET
State	TX
ZIP	78069
County	BEXAR
Latitude (N) (##.######)	29.219414
Longitude (W) (-###.######)	-98.649794
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN101609139
What is the name of the Regulated Entity (RE)?	CITY OF SOMERSET WWTP
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	20280 PAYNE RD
City	SOMERSET
State	TX
ZIP	78069
County	BEXAR
Latitude (N) (##.######)	
Longitude (W) (-###.######)	
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC

City of-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN600528061
Type of Customer	City Government
Full legal name of the applicant:	
Legal Name	City of Somerset
Texas SOS Filing Number	
Federal Tax ID	
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	

DUNS Number	
Number of Employees	
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	City of Somerset
Prefix	MS
First	Lydia
Middle	
Last	Hernandez
Suffix	
Credentials	
Title	Mayor
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET
State	TX
ZIP	78069
Phone (###-###-####)	8304014100
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Mayor@somersettx.gov

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	CN600528061, City of Somerset
Organization Name	CITY OF SOMERSET
Prefix	MS
First	Rebecca
Middle	
Last	Morin
Suffix	
Credentials	
Title	Finance Director
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET
State	TX
ZIP	78069
Phone (###-###-####)	8307014100

Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	finance.director@somersettx.gov

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	CITY OF SOMERSET
Prefix	MR
First	Michael
Middle	
Last	Montney
Suffix	
Credentials	
Title	Operations Director
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET
State	TX
ZIP	78069
Phone (###-###-####)	8307014100
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8304293781
E-mail	operations.director.@somersettx.gov

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	CITY OF SOMERSET
Prefix	MR
First	Michael
Middle	
Last	Montney
Suffix	
Credentials	
Title	Operations Director
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET

State	TX
ZIP	78069
Phone (###-###-####)	8307014100
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8304293781
E-mail	operations.director@somersettx.gov

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	
Organization Name	CITY OF SOMERSET
Prefix	MS
First	Lydia
Middle	
Last	Hernandez
Suffix	
Credentials	
Title	Mayor
Enter new address or copy one from list:	

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET
State	TX
ZIP	78069
Phone (###-###-####)	8307014100
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Mayor@somersettx.gov

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	Technical Contact
2) Organization Name	CITY OF SOMERSET
3) Prefix	MR
4) First	Michael
5) Middle	
6) Last	Montney
7) Suffix	
8) Credentials	
9) Title	Operations Director

Mailing Address

10) Enter new address or copy one from list	
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	SOMERSET
11.4) State	TX
11.5) ZIP	78069
12) Phone (###-###-####)	8307014100
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	operations.director@somersett.gov

Owner Information

Owner of Treatment Facility	
1) Prefix	
2) First and Last Name	
3) Organization Name	City of Somerset
4) Mailing Address	7360 E. 6th Street
5) City	Somerset
6) State	TX
7) Zip Code	78069
8) Phone (###-###-####)	8307014100
9) Extension	
10) Email	mayor@somersettx.gov
11) What is ownership of the treatment facility?	Public
Owner of Land (where treatment facility is or will be)	
12) Prefix	
13) First and Last Name	
14) Organization Name	City of Somerset
15) Mailing Address	7360 E. 6th Street
16) City	Somerset
17) State	TX
18) Zip Code	78069
19) Phone (###-###-####)	8307014100
20) Extension	
21) Email	mayor@somersettx.gov
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	03/03/2025
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Public Domestic Wastewater

5.1) What is the proposed total flow in MGD discharged at the facility?	0.32
5.2) Select the applicable fee	>= .25 & < .50 MGD - Renewal - $1,215
6) What is the classification for your authorization?	TPDES
6.1) What is the EPA Identification Number?	TX0074331
6.2) Is the wastewater treatment facility location in the existing permit accurate?	Yes
6.3) Are the point(s) of discharge and the discharge route(s) in the existing permit correct?	Yes
6.4) City nearest the outfall(s):	Somerset
6.5) County where the outfalls are located:	BEXAR
6.6) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?	No
6.7) Is the daily average discharge at your facility of 5 MGD or more?	No
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	No

Public Notice Information

Individual Publishing the Notices	
1) Prefix	MR
2) First and Last Name	Michael Montney
3) Credential	
4) Title	Operations Director
5) Organization Name	City of Somerset
6) Mailing Address	7630 E 6TH ST
7) Address Line 2	
8) City	SOMERSET
9) State	TX
10) Zip Code	78069
11) Phone (###-###-####)	8307014100
12) Extension	
13) Fax (###-###-####)	
14) Email	operations.director@somersettx.gov
Contact person to be listed in the Notices	
15) Prefix	MR
16) First and Last Name	Michael Montney
17) Credential	
18) Title	Operations Director
19) Organization Name	City of Somerset
20) Phone (###-###-####)	8307014100
21) Fax (###-###-####)	
22) Email	operations.director@somersettx.gov
Bilingual Notice Requirements	
23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?	Yes
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes
23.2) Do the students at these schools attend a bilingual education program at another location?	No

23.3) Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC 89.1205(g)?	No
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1

1) County	BEXAR
2) Public building name	City of Somerset City Hall
3) Location within the building	Front Desk
4) Physical Address of Building	7360 E. 6th Street
5) City	Somerset
6) Contact Name	Michael Montney
7) Phone (###-###-####)	8307014100
8) Extension	
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language

[File Properties]

File Name	LANG_Somerset_Attachment 2_Plain Languge Summary.pdf
Hash	40DC7A04ADBC9BDCE1960C96A63F089A3181693CF03E92393A9953F382EB9502
MIME-Type	application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name	SPIF_Somerset-Attachment 3_SPIF_and Attachemnt 4_SPIF Map.pdf
Hash	112A7F04684E21A784DA9CEB10296EF5BDCF0CF9C388DCB42A138DBBA53E84BC
MIME-Type	application/pdf

Domestic Attachments

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

[File Properties]

File Name	MAP_Somerset_Attachment 5_USGS Map.pdf
Hash	3E2475EF2743B6BF9308B89A039FC28304F153955780DD57706494FD1E8D9D31
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
2.1) I confirm that Worksheet 2.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes

2.2) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
2.5) I confirm that Worksheet 6.0 (Industrial Waste Contribution) is complete and included in the Technical Attachment.	Yes
2.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No

2.7) Technical Attachment

[File Properties]

File Name	TECH_Somerset_Attachment 6_Domestic Technical Report 1.0.pdf
Hash	FB363070E9D28A08C23A7AEF8EA1B9FF1D4C399E20F1A3DC6CA22BF9543CC806
MIME-Type	application/pdf

[File Properties]

File Name	TECH_Somerset_Attachment 7_Domestic Technical Report 2.0.pdf
Hash	6121BCADFD554ECB69FA33D87A3F1CF639847401B86DF7BC136207B9C5B0FBD5
MIME-Type	application/pdf

[File Properties]

File Name	TECH_SS_10054 (20)_April 2024_DTR_6.0.pdf
Hash	FD51DE9470D670B3CF8DB80BD0BF755E0BB81DD4683A31936BE7977A3D080B8A
MIME-Type	application/pdf

[File Properties]

File Name	TECH_Somerset_Attachment 15_ Application Signature Page.pdf
Hash	063D5BB48D3C7FD957BEB550D8707164CE7897701FC34D160A997817D8A51727
MIME-Type	application/pdf

3) Buffer Zone Map

[File Properties]

File Name	BUFF_ZM_Buffer Zone Map.pdf
Hash	C869409D39F960B6102F50E254AA5EE79AE39104117B6AF39FDF078EAC2B2CEB
MIME-Type	application/pdf

4) Flow Diagram

[File Properties]

File Name	FLDIA_Somerset_Attachment 11_Flow Diagram.pdf
Hash	1597B5FDA6F3EA555A55949CEE5A0EBBCDEAC004DB9ED5C933BA20582C368ED4
MIME-Type	application/pdf

5) Site Drawing

[File Properties]

File Name	SITEDR_Somerset_Attachment 12_Site Drawing.pdf
Hash	3236BDF7EBCF13F0A33C82CF3A81B4692129F66112C5D62F92AD5D79CCC9FD7A
MIME-Type	application/pdf

6) Design Calculations

[File Properties]

File Name	DES_CAL_Design Calculations.pdf
Hash	5018A59C7353DB636932AB02A57F594CBBF3BCBFF8D0F696102DFFE84A6E4F6C
MIME-Type	application/pdf

7) Solids Management Plan

8) Water Balance

[File Properties]

File Name	WB_Water Balance.pdf
Hash	9B3074B4A54C038E3C36A6F7A36B3630846C9104FC9B6AD0983AC0C3822981DE
MIME-Type	application/pdf

9) Other Attachments

[File Properties]

File Name	OTHER_Somerset_Attachment 9_Description of Treatment Process.pdf
Hash	6AAEED81C632D010B430F12EF7A63A475DEE5447FA3D846C7409E94B0989C62B
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Somerset_Attachment 10_Type and Dimensions of Treatment Units.pdf
Hash	37938B5AB613BFFAB62D3ACAE819CC2D68C690C3A5326F7150BC31EC54140D8F
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Somerset_Attachment 13_Pollutant Analyses of Treated Effluent.pdf
Hash	39E545C3A0F2F3044D5DF3DE7B7A4410F35A7CB7710FFD63740E97A6A13CDD7B
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Somerset_Attachment 14_Acceptance of Sludge.pdf
Hash	1A2DA08B09A10748FBDF38EA380485EF705B5DBAFA32F8F2A13A80F8F7214C60
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Somerset_Attachment 1_Copy of Check.pdf
Hash	C05747E141360FCC989C072451141E2F0C4BA57AD5D2E0FC91CDDEF58ABFC630
MIME-Type	application/pdf

Certification

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

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

there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Daniel P Flores, the owner of the STEERS account ER006578.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0011822001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Daniel P Flores OWNER

Customer Number:	CN600528061
Legal Name:	City of Somerset
Account Number:	ER006578
Signature IP Address:	209.245.218.234
Signature Date:	2024-08-20
Signature Hash:	74AAA88FFE6085FA43F6847DBA4C27341E6E9F932954A5EC24645AEEFF912083
Form Hash Code at time of Signature:	F7DE6D4E6C4AB7B28EC5F9132F6059112FD71BFEDF66A59A5879DDC7E0E0681D

Fee Payment

Fee Amount:	$1200.00
Check Date:	The application fee was paid on 2024-08-12
Check Number:	The check number is M420214

Submission

Reference Number:	The application reference number is 660663
Submitted by:	The application was submitted by ER006578/Daniel P Flores
Submitted Timestamp:	The application was submitted on 2024-08-21 at 08:45:36 CDT
Submitted From:	The application was submitted from IP address 209.245.218.234
Confirmation Number:	The confirmation number is 558749
Steers Version:	The STEERS version is 6.81
Permit Number:	The permit number is WQ0011822001

Additional Information

Application Creator: This account was created by Daniel P Flores

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 2

Plain Language Summary

Reference: Domestic Administrative Report 1.0

Section 8 F

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS
Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER
The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

City of Somerset ((CN600528061) operates the City of Somerset Wastewater Treatment Facility (RN101609139), an activated sludge facility operated in extended aeration mode. The facility is located at 20280 Payne Road, in Somerset, Bexar County, Texas 78069. This application is for a renewal to discharge 320,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and Escherichia coli. Domestic wastewater is treated by a mechanical bar screen, aeration basins, final clarifiers, and a chlorine contact chamber.

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.

City of Somerset (CN600790620) opera City of Somerset Wastewater Treatment Facility (RN101609139), una instalacion de tratamiento de aguas residuales. La instalación está ubicada en 20280 Payne Road, en Somerset, Condado de Bexar, Texas 78069. Esta solicitud es para una renovacion para descargar 320,000 galones por dia de aguas residuals domesticas tratadas.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxigeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. Aguas residuals domesticas están tratado por una reja de barra mecanica, cuencas de aireacion, clarificadores finales, y una camara de contacto de cloro.

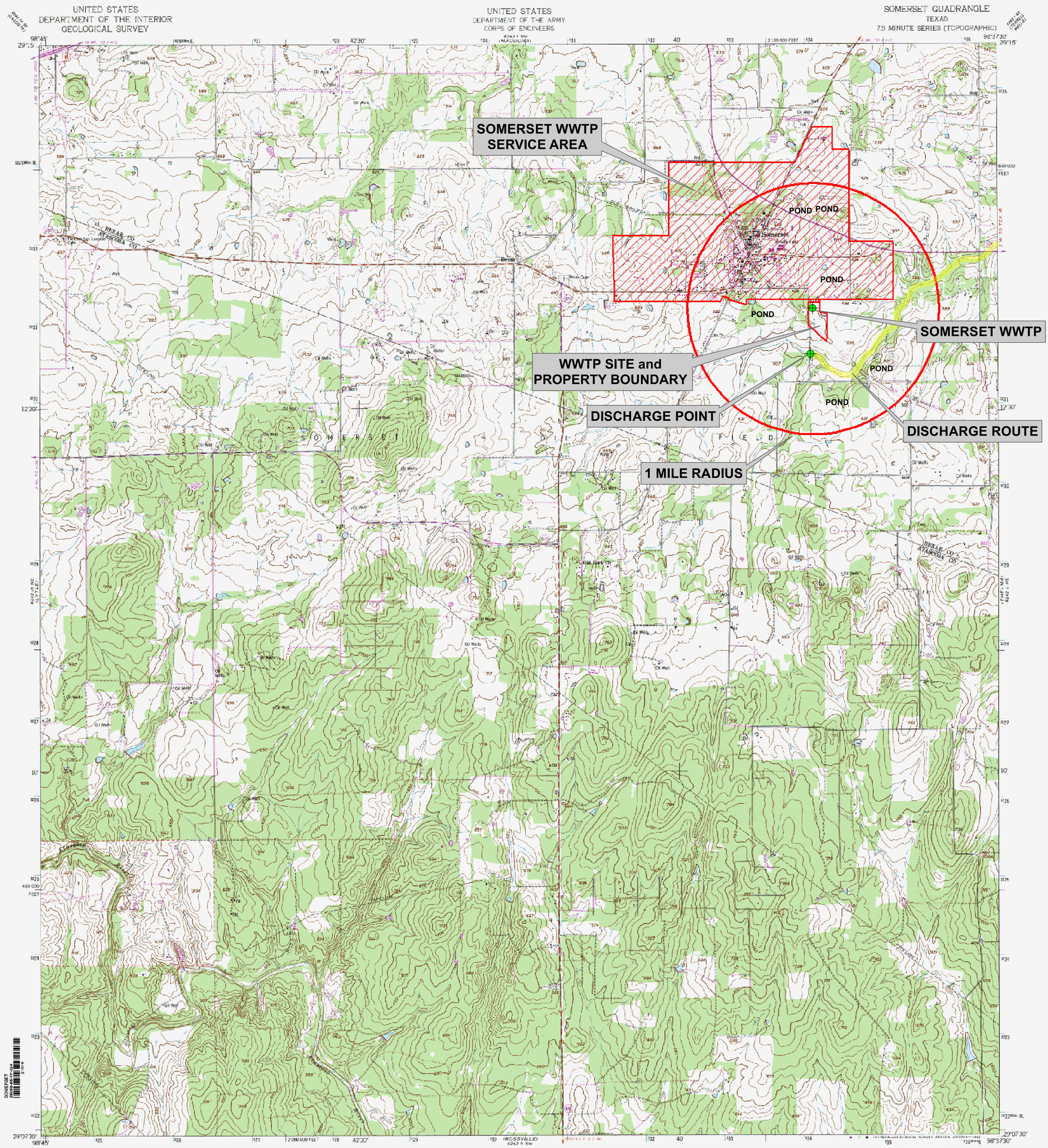
Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 5

USGS Map

Reference: Domestic Administrative Report 1.0

Section 13

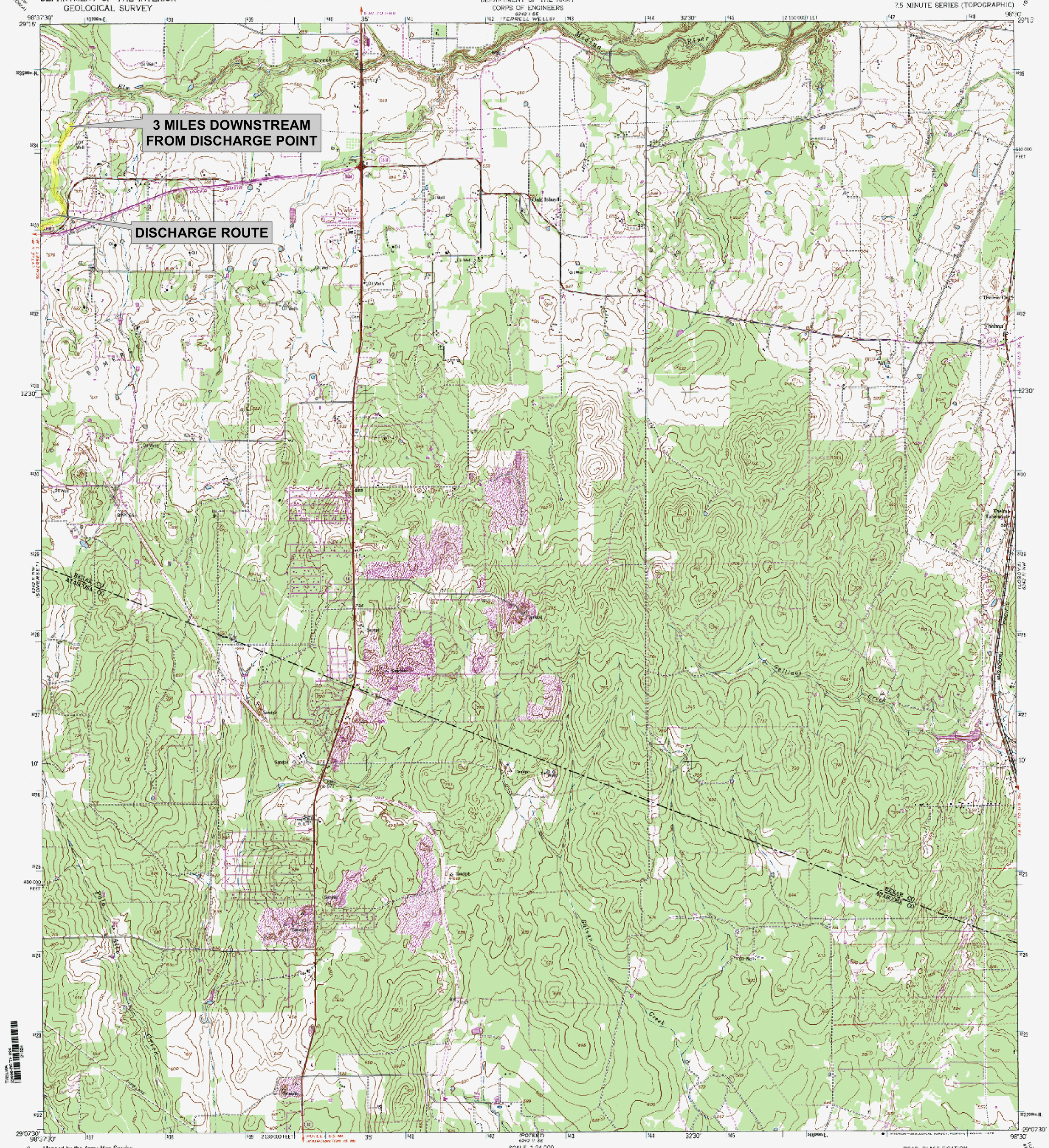


0 0.35 0.7 1.4 2.1 2.8 Miles

Original USGS Topographic Map

N W E S

Somerset WWTP Attachment 5A



0 0.35 0.7 1.4 2.1 2.8 Miles

Original USGS Topographic Map

N W E S

Somerset WWTP
Attachment 5B

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

AGUAS RESIDUALES DOMÉSTICAS

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

1. Somerset WWTP. (2.CN600528061) 3. Aplicación para renovar permiso 4. Somerset WWTP. 5.RN1101609139) 6. Permiso # WQ0011822001 EPA I.D. No. TX0074331). 7. Sistema de Eliminación de. La instalación 8. La planta de tratamiento de aguas residuales domésticas. ubicado 9. 20280 Payne Road, en 10. Cuidad de Somerset., Condado de Bexar 11. BEXAR, Texas 12. 78069
13. Renovar sin cambios. *<<Para las aplicaciones de TLAP incluya la siguiente oración, de lo contrario, elimine:>>* Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan 320,000 galones por dia.14. Descarga de aguas residuales tratadas. 15. aguas residuales domésticas. 16.tratado por residuales de agua 17. Las aguas residuales domésticas se vierten en el arroyo Elm.

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 3

Supplemental Permit Information Form

Reference: Supplemental Permit Information Form

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: City of Somerset

   Permit No. WQ00 11822-001 EPA ID No. TX 0074331

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

   20280 Payne Road, Somerset, TX 78069 in Bexar County.

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: Michael Montney

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: Operations Director

Mailing Address: 7360 E. 6th Street

City, State, Zip Code: Somerset, TX 78069

Phone No.: 830-701-4100 Ext.: Click here to enter text. Fax No.: 830-429-3781

E-mail Address: operations.director@somersettx.gov

2. List the county in which the facility is located: Bexar
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.

Discharged from the plant to an unnamed creek; thence to an unnamed tributary of Elm Creek; thence to Elm Creek; thence to the Medina River below Medina Diversion Lake in Segment No. 1903 of the San Antonio 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:

N/A

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

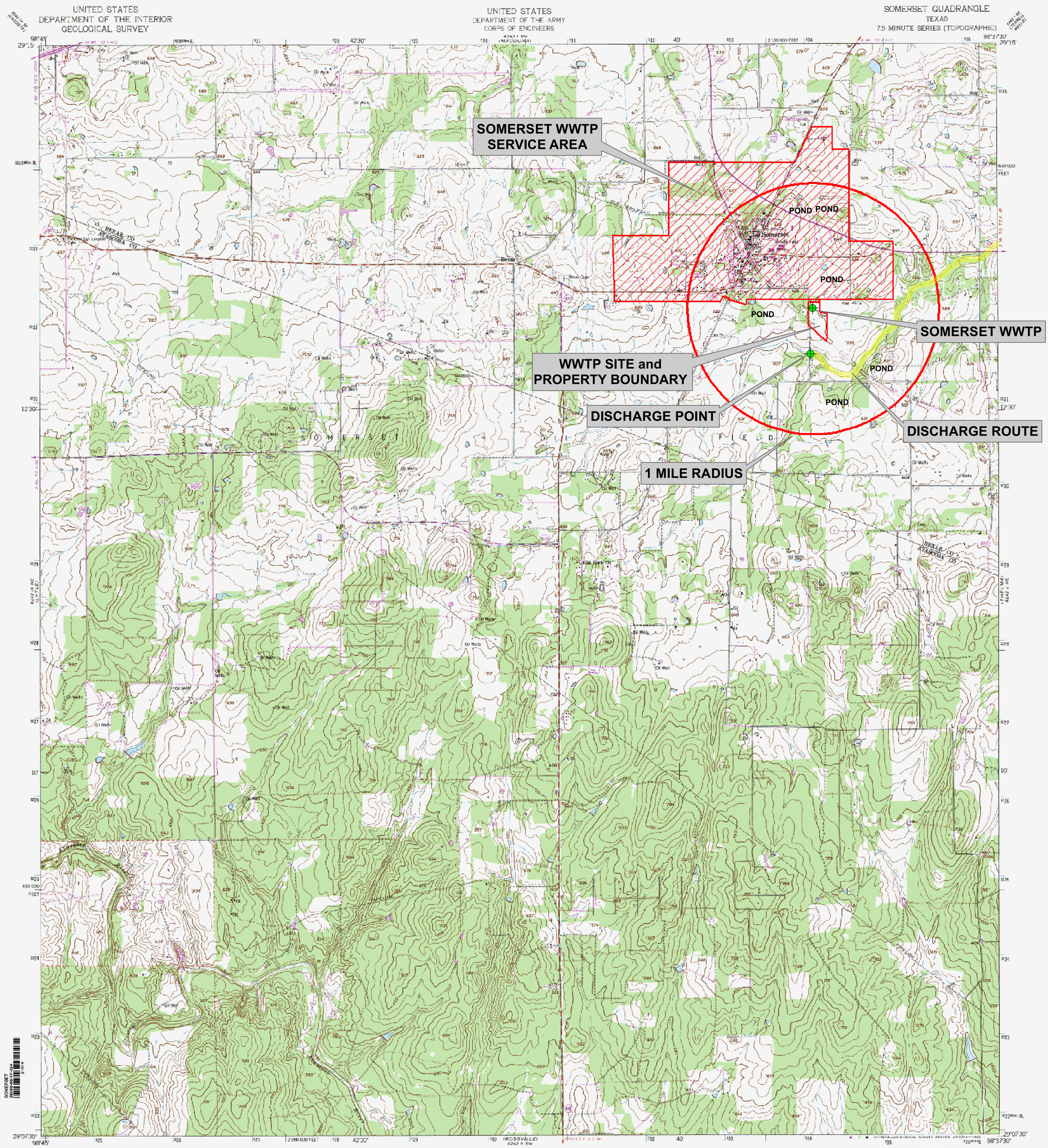
Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 4

USGS Map and General Location Map

Reference: Supplemental Permit Information Form

Item 5

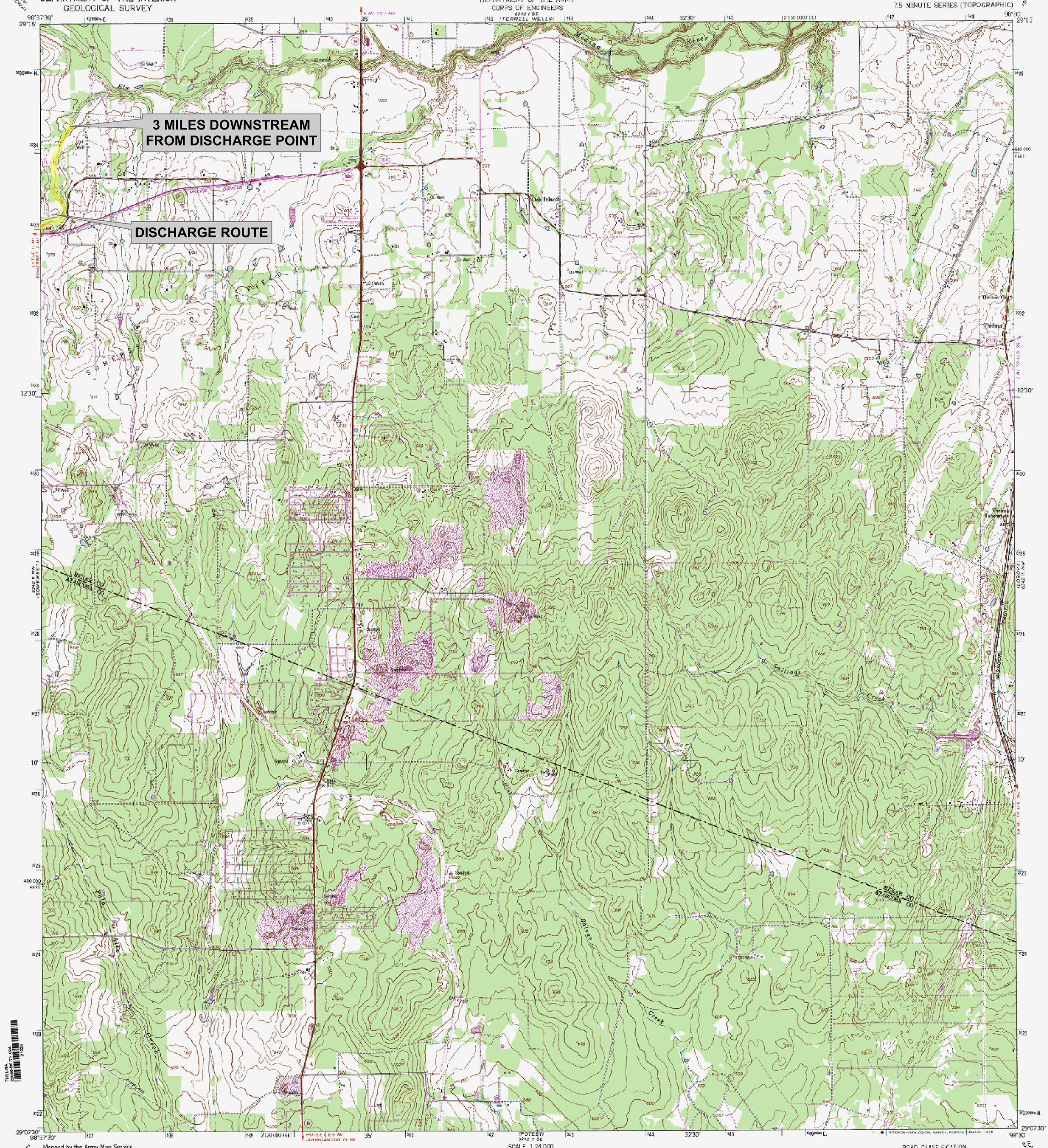


0 0.35 0.7 1.4 2.1 2.8 Miles

Original USGS Topographic Map

N W E S

Somerset WWTP Attachment 4A



0 0.35 0.7 1.4 2.1 2.8 Miles

Original USGS Topographic Map

N W E S

Somerset WWTP
Attachment 4B

The TCEQ is committed to accessibility.
To request a more accessible version of this report, please contact the TCEQ Help Desk at (512) 239-4357.

Compliance History Report

Compliance History Report for CN600528061, RN101609139, Rating Year 2024 which includes Compliance History (CH) components from September 1, 2019, through August 31, 2024.

Customer, Respondent, or Owner/Operator: CN600528061, City of Somerset **Classification:** HIGH **Rating:** 0.00

Regulated Entity: RN101609139, CITY OF SOMERSET WWTP **Classification:** HIGH **Rating:** 0.00

Complexity Points: 8 **Repeat Violator:** NO

CH Group: 08 - Sewage Treatment Facilities

Location: 20280 PAYNE RD SOMERSET, TX 78069, BEXAR COUNTY

TCEQ Region: REGION 13 - SAN ANTONIO

ID Number(s):
WASTEWATER PERMIT WQ0011822001 **WASTEWATER** EPA ID TX0074331

Compliance History Period: September 01, 2019 to August 31, 2024 **Rating Year:** 2024 **Rating Date:** 09/01/2024

Date Compliance History Report Prepared: September 16, 2024

Agency Decision Requiring Compliance History: Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.

Component Period Selected: August 21, 2019 to September 16, 2024

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: PT **Phone:** (512) 239-3581

Site and Owner/Operator History:

1) Has the site been in existence and/or operation for the full five year compliance period? YES
2) Has there been a (known) change in ownership/operator of the site during the compliance period? NO

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:
N/A

B. Criminal convictions:
N/A

C. Chronic excessive emissions events:
N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	September 16, 2019	(1607336)
Item 2	September 25, 2019	(1600431)
Item 3	October 16, 2019	(1614213)
Item 4	November 19, 2019	(1620006)
Item 5	December 18, 2019	(1627353)
Item 6	January 16, 2020	(1634986)
Item 7	February 18, 2020	(1641601)
Item 8	March 19, 2020	(1648114)
Item 9	April 20, 2020	(1654462)
Item 10	May 16, 2020	(1661033)
Item 11	June 18, 2020	(1667562)

Item 12	July 17, 2020	(1674511)
Item 13	September 11, 2020	(1687857)
Item 14	September 21, 2020	(1681283)
Item 15	October 19, 2020	(1694206)
Item 16	November 16, 2020	(1715251)
Item 17	December 15, 2020	(1715252)
Item 18	January 14, 2021	(1715253)
Item 19	February 18, 2021	(1728320)
Item 20	March 17, 2021	(1728321)
Item 21	April 16, 2021	(1728322)
Item 22	May 18, 2021	(1741449)
Item 23	June 17, 2021	(1748075)
Item 24	July 15, 2021	(1752632)
Item 25	August 16, 2021	(1758047)
Item 26	September 15, 2021	(1767298)
Item 27	October 18, 2021	(1777760)
Item 28	November 12, 2021	(1784555)
Item 29	December 15, 2021	(1791589)
Item 30	January 07, 2022	(1799430)
Item 31	February 15, 2022	(1807262)
Item 32	March 16, 2022	(1814314)
Item 33	April 14, 2022	(1820885)
Item 34	May 17, 2022	(1829718)
Item 35	June 09, 2022	(1810782)
Item 36	June 14, 2022	(1836017)
Item 37	July 17, 2022	(1843215)
Item 38	August 16, 2022	(1849383)
Item 39	September 14, 2022	(1857150)
Item 40	October 13, 2022	(1863505)
Item 41	November 16, 2022	(1870415)
Item 42	December 15, 2022	(1876270)
Item 43	January 19, 2023	(1883084)
Item 44	February 17, 2023	(1890892)
Item 45	March 15, 2023	(1899465)
Item 46	April 17, 2023	(1906267)
Item 47	May 10, 2023	(1913422)
Item 48	June 13, 2023	(1920032)
Item 49	July 18, 2023	(1926999)
Item 50	August 16, 2023	(1933963)
Item 51	September 15, 2023	(1940102)
Item 52	October 13, 2023	(1946940)
Item 53	November 15, 2023	(1952628)
Item 54	December 13, 2023	(1962401)
Item 55	January 12, 2024	(1968990)
Item 56	February 14, 2024	(1978055)
Item 57	March 12, 2024	(1984628)
Item 58	April 15, 2024	(1991151)
Item 59	May 15, 2024	(1997606)
Item 60	June 12, 2024	(2004569)

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

N/A

F. Environmental audits:

N/A

G. Type of environmental management systems (EMSs):

Compliance History Report for CN600528061, RN101609139, Rating Year 2024 which includes Compliance History (CH) components from August 21, 2019, through September 16, 2024. Ratings are pending Mass Classification.

N/A

H. Voluntary on-site compliance assessment dates:
N/A

I. Participation in a voluntary pollution reduction program:
N/A

J. Early compliance:
N/A

Sites Outside of Texas:
N/A

DMR DATA

WQ0011822001 - CITY OF SOMERSET

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure DAILY AV (mg/L)	Reported Measure SINGGRAB (mg/L)	Reported Measure DAILY AV (lb/d)
TX0074331	7/31/2019	001A	BOD, 5-day, 20 deg. C	2	2	1.38
TX0074331	8/31/2019	001A	BOD, 5-day, 20 deg. C	2	2	1.53
TX0074331	9/30/2019	001A	BOD, 5-day, 20 deg. C	2	2	1.75
TX0074331	10/31/2019	001A	BOD, 5-day, 20 deg. C	2	2	1.62
TX0074331	11/30/2019	001A	BOD, 5-day, 20 deg. C	2	2	1.55
TX0074331	12/31/2019	001A	BOD, 5-day, 20 deg. C	3.2	8	2.34
TX0074331	1/31/2020	001A	BOD, 5-day, 20 deg. C	2.25	3	1.81
TX0074331	2/29/2020	001A	BOD, 5-day, 20 deg. C	2.25	3	1.76
TX0074331	3/31/2020	001A	BOD, 5-day, 20 deg. C	2	2	1.54
TX0074331	4/30/2020	001A	BOD, 5-day, 20 deg. C	2	2	1.34
TX0074331	5/31/2020	001A	BOD, 5-day, 20 deg. C	2.25	3	1.61
TX0074331	6/30/2020	001A	BOD, 5-day, 20 deg. C	2.6	4	2.17
TX0074331	7/31/2020	001A	BOD, 5-day, 20 deg. C	2	2	1.69
TX0074331	8/31/2020	001A	BOD, 5-day, 20 deg. C	2	2	1.53
TX0074331	9/30/2020	001A	BOD, 5-day, 20 deg. C	2	2	1.62
TX0074331	10/31/2020	001A	BOD, 5-day, 20 deg. C	2	2	1.49
TX0074331	11/30/2020	001A	BOD, 5-day, 20 deg. C	2.6	5	1.98
TX0074331	12/31/2020	001A	BOD, 5-day, 20 deg. C	2	2	1.49
TX0074331	1/31/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.69
TX0074331	2/28/2021	001A	BOD, 5-day, 20 deg. C	2.35	3	1.94
TX0074331	3/31/2021	001A	BOD, 5-day, 20 deg. C	2.25	3	1.85
TX0074331	4/30/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.68
TX0074331	5/31/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.86
TX0074331	6/30/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.58
TX0074331	7/31/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.36
TX0074331	8/31/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.86
TX0074331	9/30/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.6
TX0074331	10/31/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.55
TX0074331	11/30/2021	001A	BOD, 5-day, 20 deg. C	2.2	3	1.58

TX0074331	12/31/2021	001A	BOD, 5-day, 20 deg. C	2	2	1.35
TX0074331	1/31/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.55
TX0074331	2/28/2022	001A	BOD, 5-day, 20 deg. C	2.2	3	1.68
TX0074331	3/31/2022	001A	BOD, 5-day, 20 deg. C	2.25	3	1.44
TX0074331	4/30/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.5
TX0074331	5/31/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.52
TX0074331	6/30/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.21
TX0074331	7/31/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.13
TX0074331	8/31/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.41
TX0074331	9/30/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.55
TX0074331	10/31/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.73
TX0074331	11/30/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.76
TX0074331	12/31/2022	001A	BOD, 5-day, 20 deg. C	2	2	1.41
TX0074331	1/31/2023	001A	BOD, 5-day, 20 deg. C	2.4	3	1.69
TX0074331	2/28/2023	001A	BOD, 5-day, 20 deg. C	2.10	2	1.38
TX0074331	3/31/2023	001A	BOD, 5-day, 20 deg. C	2	2	1.5
TX0074331	4/30/2023	001A	BOD, 5-day, 20 deg. C	2	2	1.44
TX0074331	5/31/2023	001A	BOD, 5-day, 20 deg. C	2	2	1.89
TX0074331	6/30/2023	001A	BOD, 5-day, 20 deg. C	2	2	1.7
TX0074331	7/31/2023	001A	BOD, 5-day, 20 deg. C	2	2	1.61
TX0074331	8/31/2023	001A	BOD, 5-day, 20 deg. C	2	2	1.98
TX0074331	9/30/2023	001A	BOD, 5-day, 20 deg. C	2	2	2.11
TX0074331	10/31/2023	001A	BOD, 5-day, 20 deg. C	2	2	2.18
TX0074331	11/30/2023	001A	BOD, 5-day, 20 deg. C	2	2	1.81
TX0074331	12/31/2023	001A	BOD, 5-day, 20 deg. C	2	2	1.52
TX0074331	1/31/2024	001A	BOD, 5-day, 20 deg. C	2	2	1.75
TX0074331	2/29/2024	001A	BOD, 5-day, 20 deg. C	2	2	1.42
TX0074331	3/31/2024	001A	BOD, 5-day, 20 deg. C	2	2	1.45
TX0074331	4/30/2024	001A	BOD, 5-day, 20 deg. C	2	2	1.57
TX0074331	5/31/2024	001A	BOD, 5-day, 20 deg. C	2	2	1.6
TX0074331	6/30/2024	001A	BOD, 5-day, 20 deg. C	2	2	1.42
TX0074331	7/31/2024	001A	BOD, 5-day, 20 deg. C	2	2	1.54
			2 YEAR AVERAGE	2.02	2.04	1.62
			5 YEAR AVERAGE	2.08	2.33	1.63

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MO MIN (mg/L)	Reported Measure MO MAX (mg/L)
TX0074331	7/31/2019	001A	Chlorine, total residual	1.2	3.4
TX0074331	8/31/2019	001A	Chlorine, total residual	1.2	3.2
TX0074331	9/30/2019	001A	Chlorine, total residual	1.2	3.7

TX0074331	10/31/2019	001A	Chlorine, total residual	1.3	3.7
TX0074331	11/30/2019	001A	Chlorine, total residual	1.2	3.6
TX0074331	12/31/2019	001A	Chlorine, total residual	1.3	3.7
TX0074331	1/31/2020	001A	Chlorine, total residual	1.1	3.9
TX0074331	2/29/2020	001A	Chlorine, total residual	1.3	3.9
TX0074331	3/31/2020	001A	Chlorine, total residual	1.1	3.9
TX0074331	4/30/2020	001A	Chlorine, total residual	1	3.6
TX0074331	5/31/2020	001A	Chlorine, total residual	1.1	4
TX0074331	6/30/2020	001A	Chlorine, total residual	1.2	3.8
TX0074331	7/31/2020	001A	Chlorine, total residual	1.3	3.1
TX0074331	8/31/2020	001A	Chlorine, total residual	1.2	3.6
TX0074331	9/30/2020	001A	Chlorine, total residual	1.2	3.4
TX0074331	10/31/2020	001A	Chlorine, total residual	1.2	3.4
TX0074331	11/30/2020	001A	Chlorine, total residual	1.3	3.9
TX0074331	12/31/2020	001A	Chlorine, total residual	1.5	3.8
TX0074331	1/31/2021	001A	Chlorine, total residual	1.1	3.8
TX0074331	2/28/2021	001A	Chlorine, total residual	1	3.8
TX0074331	3/31/2021	001A	Chlorine, total residual	1.1	3.8
TX0074331	4/30/2021	001A	Chlorine, total residual	1.2	3.5
TX0074331	5/31/2021	001A	Chlorine, total residual	1.1	3.1
TX0074331	6/30/2021	001A	Chlorine, total residual	1.1	3.6
TX0074331	7/31/2021	001A	Chlorine, total residual	1.1	3.8
TX0074331	8/31/2021	001A	Chlorine, total residual	1.2	3.7
TX0074331	9/30/2021	001A	Chlorine, total residual	1.2	3.7
TX0074331	10/31/2021	001A	Chlorine, total residual	1.1	3.8
TX0074331	11/30/2021	001A	Chlorine, total residual	1.4	3.8
TX0074331	12/31/2021	001A	Chlorine, total residual	1.4	3.5
TX0074331	1/31/2022	001A	Chlorine, total residual	1.5	3.8
TX0074331	2/28/2022	001A	Chlorine, total residual	1.2	3.8
TX0074331	3/31/2022	001A	Chlorine, total residual	1.2	3.8
TX0074331	4/30/2022	001A	Chlorine, total residual	1.1	3.8
TX0074331	5/31/2022	001A	Chlorine, total residual	1.2	3.8
TX0074331	6/30/2022	001A	Chlorine, total residual	1.1	3.9
TX0074331	7/31/2022	001A	Chlorine, total residual	1.2	3.6
TX0074331	8/31/2022	001A	Chlorine, total residual	1.3	3.5
TX0074331	9/30/2022	001A	Chlorine, total residual	1.3	3.6
TX0074331	10/31/2022	001A	Chlorine, total residual	1.2	3.7
TX0074331	11/30/2022	001A	Chlorine, total residual	1.2	3.8
TX0074331	12/31/2022	001A	Chlorine, total residual	1.2	3.7
TX0074331	1/31/2023	001A	Chlorine, total residual	1.5	3.9
TX0074331	2/28/2023	001A	Chlorine, total residual	1.4	3.8

TX0074331	3/31/2023	001A	Chlorine, total residual	1.3	3.8
TX0074331	4/30/2023	001A	Chlorine, total residual	1.2	3.6
TX0074331	5/31/2023	001A	Chlorine, total residual	1.1	3.9
TX0074331	6/30/2023	001A	Chlorine, total residual	1.3	3.6
TX0074331	7/31/2023	001A	Chlorine, total residual	1.2	3.7
TX0074331	8/31/2023	001A	Chlorine, total residual	1.3	3.8
TX0074331	9/30/2023	001A	Chlorine, total residual	1.1	3.8
TX0074331	10/31/2023	001A	Chlorine, total residual	1.1	3.7
TX0074331	11/30/2023	001A	Chlorine, total residual	1.2	3.7
TX0074331	12/31/2023	001A	Chlorine, total residual	1.2	3.7
TX0074331	1/31/2024	001A	Chlorine, total residual	1.2	3.8
TX0074331	2/29/2024	001A	Chlorine, total residual	1.1	3.8
TX0074331	3/31/2024	001A	Chlorine, total residual	1.2	3.6
TX0074331	4/30/2024	001A	Chlorine, total residual	1.2	3.5
TX0074331	5/31/2024	001A	Chlorine, total residual	1.2	2.9
TX0074331	6/30/2024	001A	Chlorine, total residual	1.2	3.8
TX0074331	7/31/2024	001A	Chlorine, total residual	1.8	3.6
			2 YEAR AVERAGE	1.25	3.68
			5 YEAR AVERAGE	1.22	3.68

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure DAILY AV (CFU/100m	Reported Measure SINGGRAB (CFU/100mL)
TX0074331	7/31/2019	001A	E. coli	11	11
TX0074331	8/31/2019	001A	E. coli	1	1
TX0074331	9/30/2019	001A	E. coli	1	1
TX0074331	10/31/2019	001A	E. coli	1	1
TX0074331	11/30/2019	001A	E. coli	1	1
TX0074331	12/31/2019	001A	E. coli	1	1
TX0074331	1/31/2020	001A	E. coli	1	1
TX0074331	2/29/2020	001A	E. coli	1	1
TX0074331	3/31/2020	001A	E. coli	1	1
TX0074331	4/30/2020	001A	E. coli	1	1
TX0074331	5/31/2020	001A	E. coli	1	1
TX0074331	6/30/2020	001A	E. coli	1	1
TX0074331	7/31/2020	001A	E. coli	3	3
TX0074331	8/31/2020	001A	E. coli	1	1
TX0074331	9/30/2020	001A	E. coli	1	1
TX0074331	10/31/2020	001A	E. coli	1	1
TX0074331	11/30/2020	001A	E. coli	1	1
TX0074331	12/31/2020	001A	E. coli	1	1

TX0074331	1/31/2021	001A	E. coli	1	1
TX0074331	2/28/2021	001A	E. coli	1	1
TX0074331	3/31/2021	001A	E. coli	1	1
TX0074331	4/30/2021	001A	E. coli	1	1
TX0074331	5/31/2021	001A	E. coli	1	1
TX0074331	6/30/2021	001A	E. coli	1	1
TX0074331	7/31/2021	001A	E. coli	1	1
TX0074331	8/31/2021	001A	E. coli	1	1
TX0074331	9/30/2021	001A	E. coli	1	1
TX0074331	10/31/2021	001A	E. coli	1	1
TX0074331	11/30/2021	001A	E. coli	1	1
TX0074331	12/31/2021	001A	E. coli	1	1
TX0074331	1/31/2022	001A	E. coli	1	1
TX0074331	2/28/2022	001A	E. coli	1	1
TX0074331	3/31/2022	001A	E. coli	Not Received	Not Received
			5 YEAR GEOMEAN	1.12	1.12

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure DAILY AV (MGD)	Reported Measure DAILY MX (MGD)
TX0074331	7/31/2019	001A	Flow, in conduit or thru treatment plant	0.09	0.10
TX0074331	8/31/2019	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	9/30/2019	001A	Flow, in conduit or thru treatment plant	0.10	0.12
TX0074331	10/31/2019	001A	Flow, in conduit or thru treatment plant	0.10	0.13
TX0074331	11/30/2019	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	12/31/2019	001A	Flow, in conduit or thru treatment plant	0.09	0.12
TX0074331	1/31/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	2/29/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.13
TX0074331	3/31/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.12
TX0074331	4/30/2020	001A	Flow, in conduit or thru treatment plant	0.08	0.15
TX0074331	5/31/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	6/30/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.19
TX0074331	7/31/2020	001A	Flow, in conduit or thru treatment plant	0.10	0.12
TX0074331	8/31/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	9/30/2020	001A	Flow, in conduit or thru treatment plant	0.10	0.13
TX0074331	10/31/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.10
TX0074331	11/30/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.15
TX0074331	12/31/2020	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	1/31/2021	001A	Flow, in conduit or thru treatment plant	0.10	0.11
TX0074331	2/28/2021	001A	Flow, in conduit or thru treatment plant	0.10	0.19

TX0074331	3/31/2021	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	4/30/2021	001A	Flow, in conduit or thru treatment plant	0.09	0.14
TX0074331	5/31/2021	001A	Flow, in conduit or thru treatment plant	0.10	0.20
TX0074331	6/30/2021	001A	Flow, in conduit or thru treatment plant	0.11	0.53
TX0074331	7/31/2021	001A	Flow, in conduit or thru treatment plant	0.10	0.23
TX0074331	8/31/2021	001A	Flow, in conduit or thru treatment plant	0.10	0.14
TX0074331	9/30/2021	001A	Flow, in conduit or thru treatment plant	0.09	0.13
TX0074331	10/31/2021	001A	Flow, in conduit or thru treatment plant	0.09	0.14
TX0074331	11/30/2021	001A	Flow, in conduit or thru treatment plant	0.09	0.12
TX0074331	12/31/2021	001A	Flow, in conduit or thru treatment plant	0.09	0.13
TX0074331	1/31/2022	001A	Flow, in conduit or thru treatment plant	0.08	0.12
TX0074331	2/28/2022	001A	Flow, in conduit or thru treatment plant	0.09	0.14
TX0074331	3/31/2022	001A	Flow, in conduit or thru treatment plant	0.08	0.10
TX0074331	4/30/2022	001A	Flow, in conduit or thru treatment plant	0.09	0.10
TX0074331	5/31/2022	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	6/30/2022	001A	Flow, in conduit or thru treatment plant	0.07	0.10
TX0074331	7/31/2022	001A	Flow, in conduit or thru treatment plant	0.07	0.09
TX0074331	8/31/2022	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	9/30/2022	001A	Flow, in conduit or thru treatment plant	0.09	0.12
TX0074331	10/31/2022	001A	Flow, in conduit or thru treatment plant	0.10	0.13
TX0074331	11/30/2022	001A	Flow, in conduit or thru treatment plant	0.10	0.12
TX0074331	12/31/2022	001A	Flow, in conduit or thru treatment plant	0.07	0.15
TX0074331	1/31/2023	001A	Flow, in conduit or thru treatment plant	0.09	0.12
TX0074331	2/28/2023	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	3/31/2023	001A	Flow, in conduit or thru treatment plant	0.09	0.10
TX0074331	4/30/2023	001A	Flow, in conduit or thru treatment plant	0.10	0.13
TX0074331	5/31/2023	001A	Flow, in conduit or thru treatment plant	0.11	0.21
TX0074331	6/30/2023	001A	Flow, in conduit or thru treatment plant	0.10	0.12
TX0074331	7/31/2023	001A	Flow, in conduit or thru treatment plant	0.10	0.15
TX0074331	8/31/2023	001A	Flow, in conduit or thru treatment plant	0.13	0.16
TX0074331	9/30/2023	001A	Flow, in conduit or thru treatment plant	0.12	0.15
TX0074331	10/31/2023	001A	Flow, in conduit or thru treatment plant	0.12	0.15
TX0074331	11/30/2023	001A	Flow, in conduit or thru treatment plant	0.11	0.12
TX0074331	12/31/2023	001A	Flow, in conduit or thru treatment plant	0.10	0.13
TX0074331	1/31/2024	001A	Flow, in conduit or thru treatment plant	0.10	0.20
TX0074331	2/29/2024	001A	Flow, in conduit or thru treatment plant	0.08	0.13
TX0074331	3/31/2024	001A	Flow, in conduit or thru treatment plant	0.09	0.13
TX0074331	4/30/2024	001A	Flow, in conduit or thru treatment plant	0.10	0.13
TX0074331	5/31/2024	001A	Flow, in conduit or thru treatment plant	0.09	0.11
TX0074331	6/30/2024	001A	Flow, in conduit or thru treatment plant	0.09	0.17
TX0074331	7/31/2024	001A	Flow, in conduit or thru treatment plant	0.09	0.18

2 YEAR AVERAGE	0.10	0.14	
5 YEAR AVERAGE	0.09	0.14	

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MO MIN (mg/L)
TX0074331	7/31/2019	001A	Oxygen, dissolved [DO]	5.05
TX0074331	8/31/2019	001A	Oxygen, dissolved [DO]	5.01
TX0074331	9/30/2019	001A	Oxygen, dissolved [DO]	5.38
TX0074331	10/31/2019	001A	Oxygen, dissolved [DO]	5.25
TX0074331	11/30/2019	001A	Oxygen, dissolved [DO]	5.26
TX0074331	12/31/2019	001A	Oxygen, dissolved [DO]	5.2
TX0074331	1/31/2020	001A	Oxygen, dissolved [DO]	4.75
TX0074331	2/29/2020	001A	Oxygen, dissolved [DO]	6.05
TX0074331	3/31/2020	001A	Oxygen, dissolved [DO]	5.21
TX0074331	4/30/2020	001A	Oxygen, dissolved [DO]	5.7
TX0074331	5/31/2020	001A	Oxygen, dissolved [DO]	4.97
TX0074331	6/30/2020	001A	Oxygen, dissolved [DO]	5.04
TX0074331	7/31/2020	001A	Oxygen, dissolved [DO]	5.03
TX0074331	8/31/2020	001A	Oxygen, dissolved [DO]	4.86
TX0074331	9/30/2020	001A	Oxygen, dissolved [DO]	4.22
TX0074331	10/31/2020	001A	Oxygen, dissolved [DO]	4.47
TX0074331	11/30/2020	001A	Oxygen, dissolved [DO]	4.8
TX0074331	12/31/2020	001A	Oxygen, dissolved [DO]	5.2
TX0074331	1/31/2021	001A	Oxygen, dissolved [DO]	4.55
TX0074331	2/28/2021	001A	Oxygen, dissolved [DO]	5.19
TX0074331	3/31/2021	001A	Oxygen, dissolved [DO]	5.65
TX0074331	4/30/2021	001A	Oxygen, dissolved [DO]	4.84
TX0074331	5/31/2021	001A	Oxygen, dissolved [DO]	4.54
TX0074331	6/30/2021	001A	Oxygen, dissolved [DO]	5.06
TX0074331	7/31/2021	001A	Oxygen, dissolved [DO]	5.24
TX0074331	8/31/2021	001A	Oxygen, dissolved [DO]	4.31
TX0074331	9/30/2021	001A	Oxygen, dissolved [DO]	4.18
TX0074331	10/31/2021	001A	Oxygen, dissolved [DO]	4.25
TX0074331	11/30/2021	001A	Oxygen, dissolved [DO]	5.05
TX0074331	12/31/2021	001A	Oxygen, dissolved [DO]	5.28
TX0074331	1/31/2022	001A	Oxygen, dissolved [DO]	5.95
TX0074331	2/28/2022	001A	Oxygen, dissolved [DO]	5.8
TX0074331	3/31/2022	001A	Oxygen, dissolved [DO]	5.15
TX0074331	4/30/2022	001A	Oxygen, dissolved [DO]	5.46
TX0074331	5/31/2022	001A	Oxygen, dissolved [DO]	5.12

TX0074331	6/30/2022	001A	Oxygen, dissolved [DO]	5.18
TX0074331	7/31/2022	001A	Oxygen, dissolved [DO]	5.32
TX0074331	8/31/2022	001A	Oxygen, dissolved [DO]	5.03
TX0074331	9/30/2022	001A	Oxygen, dissolved [DO]	5.03
TX0074331	10/31/2022	001A	Oxygen, dissolved [DO]	4.52
TX0074331	11/30/2022	001A	Oxygen, dissolved [DO]	5.23
TX0074331	12/31/2022	001A	Oxygen, dissolved [DO]	5.03
TX0074331	1/31/2023	001A	Oxygen, dissolved [DO]	5.27
TX0074331	2/28/2023	001A	Oxygen, dissolved [DO]	5.38
TX0074331	3/31/2023	001A	Oxygen, dissolved [DO]	5.36
TX0074331	4/30/2023	001A	Oxygen, dissolved [DO]	4.67
TX0074331	5/31/2023	001A	Oxygen, dissolved [DO]	4.62
TX0074331	6/30/2023	001A	Oxygen, dissolved [DO]	4.96
TX0074331	7/31/2023	001A	Oxygen, dissolved [DO]	4.22
TX0074331	8/31/2023	001A	Oxygen, dissolved [DO]	4.32
TX0074331	9/30/2023	001A	Oxygen, dissolved [DO]	4.7
TX0074331	10/31/2023	001A	Oxygen, dissolved [DO]	4.69
TX0074331	11/30/2023	001A	Oxygen, dissolved [DO]	5.44
TX0074331	12/31/2023	001A	Oxygen, dissolved [DO]	5.58
TX0074331	1/31/2024	001A	Oxygen, dissolved [DO]	5.12
TX0074331	2/29/2024	001A	Oxygen, dissolved [DO]	4.75
TX0074331	3/31/2024	001A	Oxygen, dissolved [DO]	4.09
TX0074331	4/30/2024	001A	Oxygen, dissolved [DO]	4.91
TX0074331	5/31/2024	001A	Oxygen, dissolved [DO]	4.15
TX0074331	6/30/2024	001A	Oxygen, dissolved [DO]	4.3
TX0074331	7/31/2024	001A	Oxygen, dissolved [DO]	4.39
			2 YEAR AVERAGE	4.84
			5 YEAR AVERAGE	4.97

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MINIMUM (SU)	Reported Measure MAXIMUM (SU)
TX0074331	7/31/2019	001A	pH	7.1	7.5
TX0074331	8/31/2019	001A	pH	7.3	7.7
TX0074331	9/30/2019	001A	pH	7.2	7.7
TX0074331	10/31/2019	001A	pH	7.1	7.4
TX0074331	11/30/2019	001A	pH	7.2	7.7
TX0074331	12/31/2019	001A	pH	7.2	7.8
TX0074331	1/31/2020	001A	pH	7	7.7
TX0074331	2/29/2020	001A	pH	7.4	7.6
TX0074331	3/31/2020	001A	pH	7.3	8

TX0074331	4/30/2020	001A	pH	7.4	7.5
TX0074331	5/31/2020	001A	pH	7.3	7.54
TX0074331	6/30/2020	001A	pH	7.1	7.4
TX0074331	7/31/2020	001A	pH	7.2	7.4
TX0074331	8/31/2020	001A	pH	6.9	7.7
TX0074331	9/30/2020	001A	pH	7.2	7.8
TX0074331	10/31/2020	001A	pH	7	7.4
TX0074331	11/30/2020	001A	pH	7	7.6
TX0074331	12/31/2020	001A	pH	7	7.4
TX0074331	1/31/2021	001A	pH	7.13	7.7
TX0074331	2/28/2021	001A	pH	7.3	7.8
TX0074331	3/31/2021	001A	pH	7.3	7.8
TX0074331	4/30/2021	001A	pH	6.8	7.8
TX0074331	5/31/2021	001A	pH	7.1	7.6
TX0074331	6/30/2021	001A	pH	7.3	8
TX0074331	7/31/2021	001A	pH	7.2	7.7
TX0074331	8/31/2021	001A	pH	7	7.4
TX0074331	9/30/2021	001A	pH	7	7.7
TX0074331	10/31/2021	001A	pH	7	7.5
TX0074331	11/30/2021	001A	pH	7.3	7.6
TX0074331	12/31/2021	001A	pH	7.3	7.9
TX0074331	1/31/2022	001A	pH	7.2	7.7
TX0074331	2/28/2022	001A	pH	7.2	7.8
TX0074331	3/31/2022	001A	pH	7.4	8.3
TX0074331	4/30/2022	001A	pH	7.3	7.8
TX0074331	5/31/2022	001A	pH	7.4	7.7
TX0074331	6/30/2022	001A	pH	7.2	7.6
TX0074331	7/31/2022	001A	pH	7.1	7.4
TX0074331	8/31/2022	001A	pH	6.5	7.6
TX0074331	9/30/2022	001A	pH	7.2	7.6
TX0074331	10/31/2022	001A	pH	6.8	7.9
TX0074331	11/30/2022	001A	pH	7	8
TX0074331	12/31/2022	001A	pH	7.3	7.9
TX0074331	1/31/2023	001A	pH	7.4	7.8
TX0074331	2/28/2023	001A	pH	7.2	8
TX0074331	3/31/2023	001A	pH	7.3	7.9
TX0074331	4/30/2023	001A	pH	6.9	7.9
TX0074331	5/31/2023	001A	pH	7.2	7.9
TX0074331	6/30/2023	001A	pH	6.9	7.5
TX0074331	7/31/2023	001A	pH	6.9	7.5
TX0074331	8/31/2023	001A	pH	6.9	7.6

TX0074331	9/30/2023	001A	pH	7	7.3
TX0074331	10/31/2023	001A	pH	7	7.6
TX0074331	11/30/2023	001A	pH	7.1	8.1
TX0074331	12/31/2023	001A	pH	7.2	7.7
TX0074331	1/31/2024	001A	pH	7	8
TX0074331	2/29/2024	001A	pH	7	7.7
TX0074331	3/31/2024	001A	pH	7	8
TX0074331	4/30/2024	001A	pH	6.9	7.7
TX0074331	5/31/2024	001A	pH	7.1	7.5
TX0074331	6/30/2024	001A	pH	7	7.7
TX0074331	7/31/2024	001A	pH	7	7.6
			2 YEAR AVERAGE	7.04	7.74
			5 YEAR AVERAGE	7.12	7.70

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure DAILY AV (mg/L)	Reported Measure SINGGRAB (mg/L)	Reported Measure DAILY AV (lb/d)
TX0074331	7/31/2019	001A	Solids, total suspended	1.56	2.6	1.04
TX0074331	8/31/2019	001A	Solids, total suspended	1.53	1.8	1.17
TX0074331	9/30/2019	001A	Solids, total suspended	1.18	1.7	1.05
TX0074331	10/31/2019	001A	Solids, total suspended	1.15	1.3	0.93
TX0074331	11/30/2019	001A	Solids, total suspended	2.58	4.7	1.99
TX0074331	12/31/2019	001A	Solids, total suspended	2.52	4	1.92
TX0074331	1/31/2020	001A	Solids, total suspended	4.05	9.1	3.32
TX0074331	2/29/2020	001A	Solids, total suspended	4.03	8.2	3.13
TX0074331	3/31/2020	001A	Solids, total suspended	2.64	3	2
TX0074331	4/30/2020	001A	Solids, total suspended	2.73	3.4	1.82
TX0074331	5/31/2020	001A	Solids, total suspended	3.63	5.2	2.59
TX0074331	6/30/2020	001A	Solids, total suspended	4.26	7.9	3.15
TX0074331	7/31/2020	001A	Solids, total suspended	2.1	2.8	1.77
TX0074331	8/31/2020	001A	Solids, total suspended	1.68	3.2	1.27
TX0074331	9/30/2020	001A	Solids, total suspended	1	1	0.81
TX0074331	10/31/2020	001A	Solids, total suspended	1	1	0.77
TX0074331	11/30/2020	001A	Solids, total suspended	1.46	2	1.11
TX0074331	12/31/2020	001A	Solids, total suspended	1.4	1.6	1.09
TX0074331	1/31/2021	001A	Solids, total suspended	1.3	1.8	1.1
TX0074331	2/28/2021	001A	Solids, total suspended	1.675	2.2	1.36
TX0074331	3/31/2021	001A	Solids, total suspended	2.34	3.8	1.83
TX0074331	4/30/2021	001A	Solids, total suspended	1.65	2	1.37
TX0074331	5/31/2021	001A	Solids, total suspended	2.4	4.4	2.19
TX0074331	6/30/2021	001A	Solids, total suspended	1.06	1.2	0.82

TX0074331	7/31/2021	001A	Solids, total suspended	1.5	2	1.05
TX0074331	8/31/2021	001A	Solids, total suspended	1.5	2	1.45
TX0074331	9/30/2021	001A	Solids, total suspended	1.8	3	1.44
TX0074331	10/31/2021	001A	Solids, total suspended	1.75	2	1.36
TX0074331	11/30/2021	001A	Solids, total suspended	2.2	3	1.58
TX0074331	12/31/2021	001A	Solids, total suspended	2.5	4	1.63
TX0074331	1/31/2022	001A	Solids, total suspended	3.75	6	3.09
TX0074331	2/28/2022	001A	Solids, total suspended	5.4	8	4.09
TX0074331	3/31/2022	001A	Solids, total suspended	2.75	4	1.83
TX0074331	4/30/2022	001A	Solids, total suspended	2.4	3	1.79
TX0074331	5/31/2022	001A	Solids, total suspended	1.98	2.6	1.51
TX0074331	6/30/2022	001A	Solids, total suspended	1.45	2.2	0.87
TX0074331	7/31/2022	001A	Solids, total suspended	1.05	1.1	0.6
TX0074331	8/31/2022	001A	Solids, total suspended	1.5	3.3	1.04
TX0074331	9/30/2022	001A	Solids, total suspended	1.05	1.2	0.81
TX0074331	10/31/2022	001A	Solids, total suspended	1.64	2.8	1.44
TX0074331	11/30/2022	001A	Solids, total suspended	1.78	3	1.53
TX0074331	12/31/2022	001A	Solids, total suspended	1.78	2.3	1.26
TX0074331	1/31/2023	001A	Solids, total suspended	1.32	1.6	0.93
TX0074331	2/28/2023	001A	Solids, total suspended	1.707	2.3	1.06
TX0074331	3/31/2023	001A	Solids, total suspended	1.28	1.8	0.96
TX0074331	4/30/2023	001A	Solids, total suspended	1.6	2	1.18
TX0074331	5/31/2023	001A	Solids, total suspended	1.74	2.3	1.67
TX0074331	6/30/2023	001A	Solids, total suspended	1.25	1.6	1.07
TX0074331	7/31/2023	001A	Solids, total suspended	1.58	2.3	1.28
TX0074331	8/31/2023	001A	Solids, total suspended	1.04	1.2	1.03
TX0074331	9/30/2023	001A	Solids, total suspended	1.05	1.2	1.1
TX0074331	10/31/2023	001A	Solids, total suspended	1.18	1.5	1.28
TX0074331	11/30/2023	001A	Solids, total suspended	1.02	1.1	0.92
TX0074331	12/31/2023	001A	Solids, total suspended	1.23	1.5	0.94
TX0074331	1/31/2024	001A	Solids, total suspended	1.58	2.3	1.34
TX0074331	2/29/2024	001A	Solids, total suspended	1.48	1.6	1.05
TX0074331	3/31/2024	001A	Solids, total suspended	2.3	3.2	1.68
TX0074331	4/30/2024	001A	Solids, total suspended	1.68	2.1	1.31
TX0074331	5/31/2024	001A	Solids, total suspended	1.8	2.5	1.45
TX0074331	6/30/2024	001A	Solids, total suspended	1.33	1.8	0.94
TX0074331	7/31/2024	001A	Solids, total suspended	1.48	2.2	1.15
			2 YEAR AVERAGE	1.46	1.99	1.16
			5 YEAR AVERAGE	1.91	2.81	1.48

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure DAILY AV (CFU/100m	Reported Measure SINGGRAB (CFU/100mL)
TX0074331	6/30/2022	001Q	E. coli	3	8
TX0074331	9/30/2022	001Q	E. coli	1	1
TX0074331	12/31/2022	001Q	E. coli	1	1
TX0074331	3/31/2023	001Q	E. coli	1	1
TX0074331	6/30/2023	001Q	E. coli	1	1
TX0074331	9/30/2023	001Q	E. coli	1	1
TX0074331	12/31/2023	001Q	E. coli	1	1
TX0074331	3/31/2024	001Q	E. coli	1	1
TX0074331	6/30/2024	001Q	E. coli	41	41
			2 YEAR GEOMEAN	1.71	1.90

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (N=0;Y=1)
TX0074331	7/31/2019	SLDF	Compliance w/part 258 sludge requirement	1
TX0074331	7/31/2020	SLDF	Compliance w/part 258 sludge requirement	1

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0074331	7/31/2019	SLDP	Annual amount of sludge land applied	0
TX0074331	7/31/2020	SLDP	Annual amount of sludge land applied	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0074331	7/31/2019	SLDP	Annual amt of sludge incinerated	0
TX0074331	7/31/2020	SLDP	Annual amt of sludge incinerated	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)

TX0074331	7/31/2019	SLDP	Annual amt sludge disposed in landfill	6.41
TX0074331	7/31/2020	SLDP	Annual amt sludge disposed in landfill	4.59

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0074331	7/31/2019	SLDP	Annual amt. sludge disposed surface unit	0
TX0074331	7/31/2020	SLDP	Annual amt. sludge disposed surface unit	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0074331	7/31/2019	SLDP	Annual amt sludge transported interstate	0
TX0074331	7/31/2020	SLDP	Annual amt sludge transported interstate	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0074331	7/31/2019	SLDP	Annual sludge production, total	11.1
TX0074331	7/31/2020	SLDP	Annual sludge production, total	13.22

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL MAX (mg/kg)
TX0074331	7/31/2019	SLDP	Polychlorinated biphenyls [PCBs]	NODI=9
TX0074331	7/31/2020	SLDP	Polychlorinated biphenyls [PCBs]	NODI=9

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MO AV MN (pass=0;fail=1)
TX0074331	7/31/2019	SLDP	Toxicity characteristic leaching procedure	NODI=9
TX0074331	7/31/2020	SLDP	Toxicity characteristic leaching procedure	NODI=9

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0074331	7/31/2019	SLDP	Ann. amt sludge disposed by other method	4.69
TX0074331	7/31/2020	SLDP	Ann. amt sludge disposed by other method	8.63

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MX VALUE (met t/ha/yr)
TX0074331	7/31/2019	SLLA	Annual whole sludge application rate	NODI=C
TX0074331	7/31/2020	SLLA	Annual whole sludge application rate	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Arsenic, dry weight	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Arsenic, dry weight	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Cadmium, dry weight	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Cadmium, dry weight	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Chromium, sludge, total, dry weight [as Cr]	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Chromium, sludge, total, dry weight [as Cr]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Copper, dry weight	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Copper, dry weight	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Lead, sludge, total, dry weight [as Pb]	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Lead, sludge, total, dry weight [as Pb]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Mercury, sludge, total, dry weight [as Hg]	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Mercury, sludge, total, dry weight [as Hg]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Molybdenum, sludge, total, dry weight [as Mo]	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Molybdenum, sludge, total, dry weight [as Mo]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Nickel, sludge, total, dry weight [as Ni]	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Nickel, sludge, total, dry weight [as Ni]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Selenium, dry weight	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Selenium, dry weight	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0074331	7/31/2019	SLLA	Zinc, sludge, total, dry weight [as Zn]	NODI=C	NODI=C	NODI=C
TX0074331	7/31/2020	SLLA	Zinc, sludge, total, dry weight [as Zn]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (table #)
TX0074331	7/31/2019	SLLA	Pollutant table from 503.13	NODI=C
TX0074331	7/31/2020	SLLA	Pollutant table from 503.13	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (alt #)
TX0074331	7/31/2019	SLLA	Description of pathogen option used	NODI=C
TX0074331	7/31/2020	SLLA	Description of pathogen option used	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (alt #)
TX0074331	7/31/2019	SLLA	Vector attraction reduction alternative used	NODI=C
TX0074331	7/31/2020	SLLA	Vector attraction reduction alternative used	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MX VALUE (state class)
TX0074331	7/31/2019	SLLA	Level of pathogen requirements achieved	NODI=C
TX0074331	7/31/2020	SLLA	Level of pathogen requirements achieved	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MAXIMUM (MPN/g)
TX0074331	7/31/2019	SLLY	Fecal coliform	NODI=C
TX0074331	7/31/2020	SLLY	Fecal coliform	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MAXIMUM (MPN/g)
TX0074331	7/31/2019	SLLY	Salmonella	NODI=C
TX0074331	7/31/2020	SLLY	Salmonella	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ALLWCONC (mg/kg)	Reported Measure SINGSAMP (mg/kg)
TX0074331	7/31/2019	SLSA	Arsenic, dry weight	NODI=C	NODI=C
TX0074331	7/31/2020	SLSA	Arsenic, dry weight	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (acr)

TX0074331	7/31/2019	SLSA	Boundary areas	NODI=C
TX0074331	7/31/2020	SLSA	Boundary areas	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ALLWCONC (mg/kg)	Reported Measure SINGSAMP (mg/kg)
TX0074331	7/31/2019	SLSA	Chromium, sludge, total, dry weight [as Cr]	NODI=C	NODI=C
TX0074331	7/31/2020	SLSA	Chromium, sludge, total, dry weight [as Cr]	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (alt #)
TX0074331	7/31/2019	SLSA	Description of pathogen option used	NODI=C
TX0074331	7/31/2020	SLSA	Description of pathogen option used	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ALLWCONC (mg/kg)	Reported Measure SINGSAMP (mg/kg)
TX0074331	7/31/2019	SLSA	Nickel, total [as Ni]	NODI=C	NODI=C
TX0074331	7/31/2020	SLSA	Nickel, total [as Ni]	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MINIMUM (SU)
TX0074331	7/31/2019	SLSA	pH	NODI=C
TX0074331	7/31/2020	SLSA	pH	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (N=0;Y=1)
TX0074331	7/31/2019	SLSA	Unit w/liner/leachate collection system	NODI=C
TX0074331	7/31/2020	SLSA	Unit w/liner/leachate collection system	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (alt #)
TX0074331	7/31/2019	SLSA	Vector attraction reduction alternative used	NODI=C

TX0074331	7/31/2020	SLSA	Vector attraction reduction alternative used	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (state class)
TX0074331	7/31/2019	SLSA	Level of pathogen requirements achieved	NODI=C
TX0074331	7/31/2020	SLSA	Level of pathogen requirements achieved	NODI=C

Senate Bill 709 (84th Legislative Session, 2015) amended the Texas Water Code by adding new Section 5.5553, which requires the Texas Commission on Environmental Quality (TCEQ) to provide written notice to you at least thirty (30) days prior to the TCEQ's issuance of draft permits for applications that are located in your district.

City of Somerset, 7360 East 6th Street, Somerset, Texas 78069, has applied to the TCEQ to renew Texas Pollutant Discharge Elimination System Permit No. WQ0011822001 (EPA I.D. No. TX0074331) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 320,000 gallons per day. The domestic wastewater treatment facility is located at 20280 Payne Road, in the city of Somerset, in Bexar County, Texas 78069. The discharge route is from the plant site to an unnamed creek, thence to an unnamed tributary of Elm Creek, thence to Elm Creek, thence to Medina River Below Diversion Lake in Segment No. 1903 of the San Antonio River Basin. TCEQ received this application on August 21, 2024. The permit application will be available for viewing and copying at Somerset City Hall, 7360 East 6th Street, Somerset, in Bexar County, Texas. The application, including any updates, and associated notices are available electronically 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 is not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.649794,29.219414&level=18

TCEQ is preparing the initial draft permit. At the time the draft permit is issued, the applicant will be required to publish notice in a newspaper of general circulation, and the TCEQ will provide a copy of the notice of draft permit to persons who have requested to be on a mailing list.

Questions regarding this application may be directed to Mr. Deba Dutta, P.E., by calling 512-239-4608.

Issuance Date: _____

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

Date: 08/29/2024

To: Municipal Permits Team

Thru: Colleen Cook, Pretreatment Team Leader

From: Nathan Rothschild, Pretreatment Coordinator

Subject: Pretreatment program option for the TPDES Permit No. WQ0011822001, City of Somerset – Somerset WWTP summary sheet

I have reviewed the above referenced permit and have determined that the publicly-owned treatment works (POTW) receives the standard pretreatment language.

Option 1: This general pretreatment boilerplate language should be put in TPDES permits for all POTWs that do not have either an approved pretreatment program or requirement to develop a new pretreatment program.

Within this standard language, the Pretreatment Program has not incorporated additional pretreatment language requirements. Please incorporate the following language for permittee's FACT SHEET, if applicable, under:

1. INDUSTRIAL WASTE CONTRIBUTION

The Somerset WWTP does not appear to receive significant industrial wastewater contributions. Based on the information provided by the permittee in the most recent TPDES permit application, the TCEQ determined that there are no significant industrial wastewater contributions currently being discharged to the permittee's POTW.

2. PRETREATMENT REQUIREMENTS

Permit requirements for pretreatment are based on TPDES regulations contained in 30 TAC Chapter 305 which references 40 CFR Part 403, General Pretreatment Regulations for Existing and New Sources of Pollution *[rev. Federal Register/ Vol. 70/ No. 198/ Friday, October 14, 2005/ Rules and Regulations, pages 60134-60798].* The permit includes specific requirements that establish responsibilities of local government, industry, and the public to implement the standards to control pollutants which pass through or interfere with treatment processes in publicly owned treatment works or which may contaminate the sewage sludge. This permit has appropriate pretreatment language for a facility of this size and complexity.

3. SUMMARY OF CHANGES FROM EXISTING PERMIT

The pretreatment language has not been updated from the current permit. The pretreatment requirements will continue until permit expiration.

TCEQ Interoffice Memorandum

To: Municipal Permits Team
Wastewater Permitting Section

Thru: Jeff Paull, Standards Implementation Team
Water Quality Assessment Section
Water Quality Division

Date: September 10, 2024

Subject: City of Somerset; Permit No. WQ0011822001
Renewal; Application Received: 8/21/2024

The discharge route for the above referenced permit is to an unnamed creek, thence to an unnamed tributary of Elm Creek, thence to Elm Creek, thence to Medina River Below Diversion Lake in Segment 1903 of the San Antonio River Basin. The designated uses and dissolved oxygen criterion as stated in Appendix A of the Texas Surface Water Quality Standards (30 Texas Administrative Code §307.10) for Segment 1903 are primary contact recreation, public water supply, aquifer protection, high aquatic life use, and 5.0mg/L dissolved oxygen. The aquifer protection use applies to the contributing, recharge, and transition zones of the Edwards Aquifer. This discharge is not located in the contributing, recharge, and transition zones of the Edwards Aquifer.

Since the discharge is directly to an unclassified water body, the permit action was reviewed in accordance with 30 Texas Administrative Code §307.4(h) and (l) of the 2022 Texas Surface Water Quality Standards and the *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010). Based on available information, a preliminary determination of the aquatic life uses in the area of the discharge impact has been performed and the corresponding dissolved oxygen criterion assigned.

Unnamed creek; minimal aquatic life use; 2.0 mg/L dissolved oxygen.

Unnamed tributary of Elm Creek; minimal aquatic life use; 2.0 mg/L dissolved oxygen.

The discharge from this permit action is not expected to have an effect on any federal endangered or threatened aquatic or aquatic dependent species or proposed species or their critical habitat. This determination is based on the United States Fish and Wildlife Service's (USFWS) biological opinion on the State of Texas authorization of the Texas Pollutant Discharge Elimination System (TPDES; September 14, 1998; October 21, 1998 update). To make this determination for TPDES permits, TCEQ and EPA only considered aquatic or aquatic dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the USFWS biological opinion. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The permit does not require EPA review with respect to the presence of endangered or threatened species.

TCEQ Interoffice Memorandum

To: Municipal Permits Team
Wastewater Permitting Section

Thru: Claire Dittelmier
Modeler, Water Quality Assessment Team
Water Quality Assessment Section

From: Mara Guerin
Modeler, Water Quality Assessment Team
Water Quality Assessment Section

Date: May 29, 2025

Subject: City of Somerset
Permit Renewal (WQ0011822001, TX0074331)
Discharge to a tributary of Medina River Below Diversion Lake (Segment No. 1903) of the San Antonio River Basin

The referenced applicant is proposing to renew its permit authorizing the discharge of 0.32 MGD of treated domestic wastewater into the watershed of Medina River Below Diversion Lake (Segment No. 1903). The facility is located in Bexar County.

This permit action is for renewal of an existing authorization. A dissolved oxygen modeling analysis was previously performed for this permit on September 3, 2014 by Tom Y. Harrigan. Applicable water body uses and criteria, proposed permitted flow conditions, and modeling analytical procedures pertaining to this discharge situation remain unchanged from the previous review. Therefore, the existing effluent set of **10 mg/L BOD_5 and 4.0 mg/L DO** is applicable to this permit. No additional modeling work was performed for the current permit action.

Segment No. 1903 is currently listed on the State's inventory of impaired and threatened waters, the **2022** Clean Water Act Section 303(d) list. The listing is specifically for bacteria in water from the confluence with the San Antonio River upstream to the confluence with Medio Creek (AUs 1903_01, 1903_02 and 1903_03).

The existing effluent limits have been reviewed for consistency with the State of Texas Water Quality Management Plan (WQMP). The existing limits are consistent with the approved WQMP.

City of Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Buffer Zone Map

This application is for a renewal, buffer zone map is not required for a renewal.

City of Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Design Calculations

This application is for a renewal, design calculations are not required for a renewal.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 21, 2024

Dear Applicant:

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

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

ER Account Number: ER006578
Application Reference Number: 660663
Authorization Number: WQ0011822001
Site Name: Somerset WWTP
Regulated Entity: RN101609139 - City of Somerset WWTP
Customer(s): CN600528061 - City of Somerset

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

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

Sincerely,
Applications Review and Processing Team
Water Quality Division

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

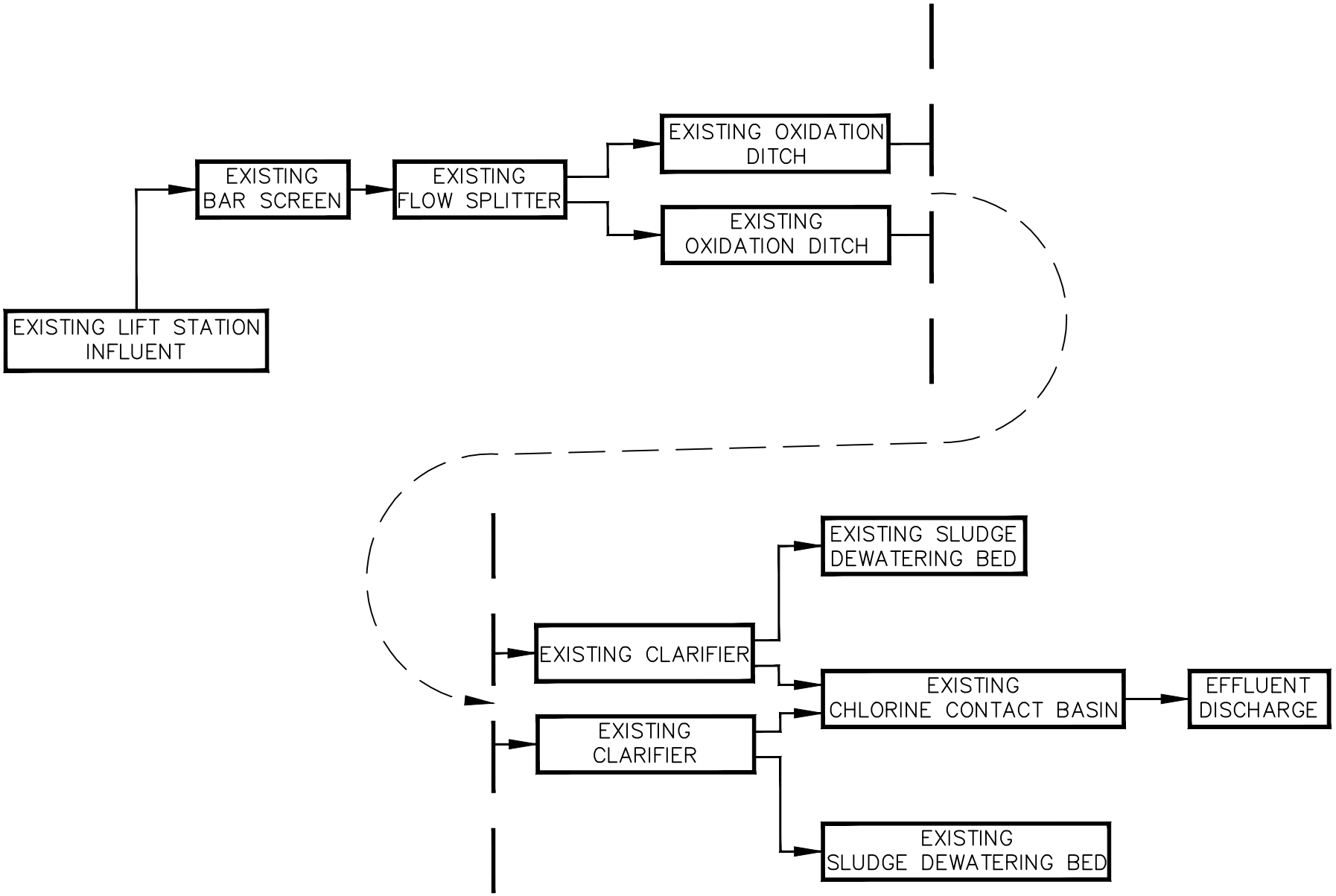
Attachment 11

Flow Diagram

Reference: Domestic Technical Report 1.0

Section 2 C

PROPOSED PROCESS FLOW DIAGRAM FOR SOMERSET WWTP
ATTACHMENT 11



Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 1

Copy of Check

Reference: General Information Renewal

(STEERS Water Quality Individual Permits)

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 9

Description of Treatment Process

Reference: Domestic Technical Report 1.0

Section 2 A

ATTACHMENT 9

Description of Treatment Process

The Somerset WWTP operates in the extended aeration process with a current permitted flow rate of 0.32 MGD. The plant includes an on-site lift station with three (3) centrifugal pumps. There are two (2) aeration basins and two (2) clarifiers, and a chlorine disinfection basin. Please see Attachment 11 "WWTP Flow Diagram" for a graphic explanation of the overall treatment process.

The process begins when raw sewage pumped from the on-site lift station passes through a mechanically cleaned bar screen. The bar screen will remove large objects prior to entering a splitter box, followed by gravity flow to the each of the two aeration basins where the raw sewage comes in contact with a dense population of microorganisms (mixed liquor). The basins are continuously mixed and aerated. A continuous and ample supply of air is required to mix and aerate the mixed liquor and raw sewage to provide the oxygen required by the bacteria.

Mixed liquor from the aeration basins flows by gravity to two (2) clarifiers where the sludge settles from the water. The clear effluent flows over a weir, through a chlorine disinfection chamber, metered through a plant effluent V-notch weir, and then discharged to an un-named tributary of Elm Creek. Settled sludge (Return Activated Sludge) is continuously swept from the bottom of the clarifier into a sump where it is pumped back to each of the aeration basins. Scum and floating materials are removed with skimming blades attached to the clarifier skimming mechanism, and then gravity flow back into the treatment process.

Excess waste activated sludge is pumped from the bottom of the clarifiers to the sludge drying beds or to a sludge dewatering box. Dewatered sludge is transported away for disposal at either of the following two (2) TCEQ approved disposal sites:

1. Dewatered sludge cake is transported to the Martinez II Recycling Facility (TCEQ Permit WQ0010749-004) where the material is mixed with other compostable materials, such as wood chips, etc., and composted at high temperatures to meet the US EPA "Process to Further Reduce Pathogens" Class A pathogen reduction criteria of fifteen (15) days above fifty-five (55) degrees Celsius with at least five (5) turnings during the high temperature period. After the material is tested for pathogen indicator organisms and regulated pollutants, it is then screened and marketed back to the general public as a soil conditioner.
2. Dewatered sludge may also be disposed at the Allied Waste (BFI Tessman Road) Type I Municipal Solid Waste Landfill, TCEQ Permit No. 1410-A for final disposal should the other option described above not be available.

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 10

Type and Dimension of Each Treatment Unit

Reference: Domestic Technical Report 1.0

Section 2 B

Somerset WWTP
Type and Dimensions of Treatment Units

On-site Lift Station:

Three (3) 400 GPM Centrifugal Pumps
One (1) 1020 GPM Centrifugal Pump (Godwin Dri-Prime Backup System)
(Serves as backup during pump failure and/or electrical failure)

Headworks:

One (1) ¼" Diameter Spacing Rotary Mechanical Screen
One (1) 1" Spacing Fixed Bar Screen

Aeration Basin Dimensions:

One (1) Oxidation Ditch: 167' x 21' x 6' Deep
One (1) Oxidation Ditch: 81' x 32' x 8' Deep

Clarifiers:
Two (2) Clarifiers: 35' Diameter, 12.5' Side Water Depth (each)

RAS/WAS Station
Two (2) 250 GPM Centrifugal Pumps

Sludge Dewatering:
One (1) Sludge Drying Bed: 52' x 45'
One (1) Sludge Drying Bed: 20' x 15' (Wedge Bed)
One (1) Sludge Drying Bed: 45' x 45'
One (1) Dewatering Box Pad: 32' x 17'

Chlorine Disinfection:
One (1) Basin: 50.66' long x 13.66' wide x 11' deep

Flow Measurement:
Flow is measured through a 90 degree V-Notch Weir prior to discharge

Power Generator:
Generac 2000 Series 100 KW
Model # 2439180200

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 13

Pollutant Analyses of Treated Effluent

Reference: Domestic Technical Report 1.0

Section 7

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Daniel Flores **San Antonio River Authority** **100 E. Guenther St** **San Antonio, TX 78204**	**Project Name: Somerset TCEQ Minor Permit** **Sample ID: Effluent** **Matrix: Non-Potable Water** **Date/Time Taken: 7/17/2024 0911**	**PCS Sample #: 768297 Page 1 of 2** **Date/Time Received: 7/17/2024 10:21** **Report Date: 7/24/2024** **Approved by:** Chuck Wallgren, President

Test Description	Flag	Result	Units	RL	Analysis Date/Time	Method	Analyst
CBOD5		8	mg/L	3	07/17/2024 14:19	SM 5210 B	GQM
Chloride_IC		111	mg/L	2	07/17/2024 15:37	EPA 300.0	JAS
Nitrate-N_IC		12.1	mg/L	0.2	07/17/2024 15:37	EPA 300.0	JAS
Phosphorus, Total		3.37	mg/L	0.10	07/24/2024 05:20	SM 4500-P/B/E	JAS
Sulfate_IC	R	57	mg/L	2	07/17/2024 15:37	EPA 300.0	JAS
Total Dissolved Solids		468	mg/L	10	07/22/2024 10:30	SM 2540C	PML
Total Suspended Solids		2	mg/L	1	07/17/2024 14:50	SM 2540 D	PML/LCC
Ammonia-N (ISE)		0.5	mg/L	0.1	07/18/2024 11:25	SM 4500-NH3 D	BMR

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
CBOD5	4	23	N/A	N/A	N/A	N/A	Pend	167 - 228	
Chloride_IC	2	10	95	101	99	102	99	85 - 115	
Nitrate-N_IC	<1	20	70	99	99	130	96	85 - 115	
Phosphorus, Total	<1	10	91	102	102	103	100	85 - 115	
Sulfate_IC	<1	10	94	*102	*102	101	105	85 - 115	
Total Dissolved Solids	<1	10	N/A	N/A	N/A	N/A			
Total Suspended Solids	*19	10	N/A			N/A			
Ammonia-N (ISE)	1	10	80	93	92	120	90	85 - 115	

***Quality Statement:** All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.*

*Approved for release per QA Plan, Exception to Limits - QAM Section 13-4
R Spike recovery outside control limits due to matrix effect - LCS within limits

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits
QC Data Reported in %, Except BOD in mg/L

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Daniel Flores **San Antonio River Authority** **100 E. Guenther St** **San Antonio, TX 78204**	**Project Name: Somerset TCEQ Minor Permit** **Sample ID: Effluent** **Matrix: Non-Potable Water** **Date/Time Taken: 7/17/2024 0911**	**PCS Sample #: 768297 Page 2 of 2** **Date/Time Received: 7/17/2024 10:21** **Report Date: 7/24/2024**

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Kjeldahl-N, Total	6	mg/L	1	07/18/2024 09:30	SM 4500-N B/C	BMR

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Kjeldahl-N, Total	2	10	90	97	99	109	101	85 - 115	<1

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

www.pcslab.net
chuck@pcslab.net
1532 Universal City Blvd
Universal City, TX 78148-3318
Main: 210-340-0343
Fax: 210-658-7903

SAN ANTONIO RIVER AUTHORITY
600 E. Euclid
San Antonio, TX 78212-4405

Environmental Sciences Department Laboratory

ANALYTICAL REPORT

April 11, 2024

Customer: SARA - City of Somerset
Daniel Flores
1280 S. FM 1516
San Antonio, TX 78263
Fax #:210-661-9324

Sample Location: Somerset Effluent
Sample Number: AB46853
Sample Matrix: Non Potable Water

Collection Date/Time: 04/08/2024 10:15
Receipt Date/Time: 04/08/2024 15:01

CASE NARRATIVE

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted.
For questions regarding this report, please contact Zachary Jendrusch, Laboratory Supervisor, at (210) 302-3275.

Analysis identified with a "√" complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments:

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

The data in this report is current as of: 4/11/2024 15:30:21

SAN ANTONIO RIVER AUTHORITY
600 E. Euclid
San Antonio, TX 78212-4405

Environmental Sciences Department Laboratory

ANALYTICAL REPORT

ANALYTICAL RESULTS

	Analysis Method	NELAP	Result	Units	Qualifier	Reporting Limit	QC Batch #	Analysis Date	Analysis Time	Analyst
AB46853-A	E. coli									
	SM 9223B-2016	√	41	MPN/100 mL		1	79078	4/8/24	16:13	DMS
AB46853-A	E. Coli Holding Time - IDEXX Colilert									
			5.97	hours		0.00	79077	4/8/24	16:13	DMS

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

The data in this report is current as of: 4/11/2024 15:30:21

SAN ANTONIO RIVER AUTHORITY
600 E. Euclid
San Antonio, TX 78212-4405

Environmental Sciences Department Laboratory

ANALYTICAL REPORT

QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-79078

QC Analyte Name	Result	Units	Qualifier	Acceptance Criteria Lower	Target	Upper
Initial Blank for E. coli	Absent			---	Absent	---

Nicholas Johnson
Quality Assurance Specialist I

4/11/2024
Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

The data in this report is current as of: 4/11/2024 15:30:21

MONTH June-24 YEAR 2023 SOMERSET PLANT DAILY SAMPLES

DATE	EFFLUENT D.O.	EFFLUENT TEMP	EFFLUENT PH	EFFLUENT TEMP	EFFLUENT CL2			E. COLI	TRACK 1 D.O.	TRACK 1 TEMP	TRACK 1 PH	TRACK 1 SS 5	TRACK 1 SS30	TRACK 2 D.O.	TRACK 2 TEMP	TRACK 2 PH	TRACK 2 SS 5	TRACK 2 SS30	RAW D.O.	RAW Ph	RAW Temp.			SKY	INT.	TEST TIME PH	TEST TIME D.O.
1					3.0																						
2					3.5																						
3	5.70	28.1	7.2	26.3	2.2				0.65 / 1.03	28.2	7.3	980	910	0.80 / 1.36	27.7	7.1	990	930	0.60	7.4	27.8			CLDY	SV	8:13AM	8:05AM
4	4.70	28.3	7.2	27.9	2.1				0.16 / 0.42	28.3	7.3	980	930	0.23 / 1.53	27.9	7.0	990	930	3.03	6.9	28.1			P/C	SV	6:18AM	6:10AM
5	4.98	28.9	7.2	26.4	2.7				0.17 / 0.59	29.1	7.2	980	900	0.19 / 0.91	28.4	7.0	980	890	0.27	7.3	30.1			M/C	SV	7:43AM	7:30AM
6	5.69	28.7	7.1	26.9	2.1				0.24 / 0.73	28.5	7.2	980	910	0.41 / 0.92	27.9	7.0	990	910	1.08	7.1	31.6			CLR	SV	7:38AM	7:25AM
7	4.64	28.7	7.1	25.4	2.2				0.25 / 0.61	28.7	7.1	990	900	0.41 / 1.03	28.0	6.9	990	910	0.94	7.5	31.0			SUNNY	SV	7:48AM	7:40AM
8					3.1																			P/C	EC		
9					3.0																			P/C	EC		
10					1.5																			RAINY	SV		
11	5.11	28.1	7.1	26.4	2.7				0.14 / 0.45	28.2	7.4	990	920	0.32 / 0.90	27.6	7.4	990	910	0.80	7.6	30.0			P/C	SV	7:23AM	7:15AM
12	5.54	28.6	7.3	26.8	3.1				0.17 / 0.40	28.5	7.4	990	940	1.90 / 2.30	27.7	7.3	990	950	5.51	7.6	29.8			P/C	SV	7:38AM	7:30AM
13	4.61	28.9	7.4	26.1	2.3				0.19 / 0.43	29.0	7.5	990	930	0.85 / 1.76	28.2	7.3	990	900	2.50	7.5	29.3			P/C	SV	7:13AM	7:05AM
14	5.13	29.3	7.4	27.0	1.2				0.18 / 0.51	29.1	7.5	980	910	0.74 / 1.39	28.3	7.3	980	880	0.52	7.4	26.5			P/C	SV	7:33AM	7:25AM
15					3.3																			P/C	CV		
16					3.2																			P/C	CV		
17					1.3				0.18 / 0.43	29.0	7.6	970	910	0.60 / 1.14	28.3	7.3	950	820	1.10	7.6	30.3			CLDY	JHA		
18	4.30	28.6	7.5	26.7	3.1				0.13 / 0.25	28.4	7.6	990	920	0.19 / 0.28	28.2	7.3	990	870	0.36	7.7	27.6			CLDY	JHA	8:36AM	7:50AM
19					3.7																			CLDY	CV		
20	5.20	27.7	7.3	25.0	2.7				0.13 / 0.23	27.0	7.4	980	850	0.18 / 0.40	27.5	7.1	980	920	0.30	7.6	26.2			CLDY	JHA	8:38AM	8:28AM
21					1.7				0.17 / 0.42	28.0	7.5	980	920	0.56 / 0.70	27.8	7.2	980	850	0.43	7.6	28.7			P/C	JHA		
22					2.7																			SUNNY	JHA		
23					3.0																			SUNNY	JHA		
24	5.74	29.1	7.0	27.6	1.4				0.12 / 0.45	29.6	7.3	990	940	0.33 / 1.12	28.4	7.0	970	840	0.45	7.3	28.9			P/C	SV	7:58AM	7:50AM
25	6.11	29.3	7.2	26.2	2.6				0.35 / 0.59	30.2	7.4	990	910	0.42 / 0.94	28.8	7.1	970	820	0.45	7.2	28.2			P/C	SV	6:48AM	6:40AM
26	5.32	26.8	7.1	27.8	2.5				0.22 / 0.64	29.4	7.4	930	830	0.45 / 1.33	28.7	7.1	920	800	0.42	7.3	29.0			M/C	SV	7:23AM	7:10AM
27	4.50	29.4	7.1	27.4	3.8				0.16 / 0.41	29.4	7.4	960	830	0.34 / 1.31	28.8	7.2	970	810	3.65	7.1	28.4			P/C	SV	7:13AM	7:05AM
28	5.20	29.6	7.2	27.1	3.0				0.14 / 0.35	29.9	7.3	980	940	0.16 / 1.06	29.0	7.1	970	810	0.24	7.4	31.3			P/C	SV	7:28AM	7:20AM
29					2.1																				SV		
30					2.7																				SV		
31																											
High																											
Low																											

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 14

Agreement From Facility Accepting Sludge

Reference: Domestic Technical Report 1.0

Section 9 C

Attachment 14

Re: Permit Application
Applicant Name: City of Somerset (CN600528061)
Type of Authorization: Permit Renewal
Site Name: Somerset WWTP; WQ0011822-001; RN101609139

Martinez II Wastewater Treatment Plant (Permit No.WQ0010749-004) and the on-site Composting Facility agrees to accept sewage sludge from the Somerset WWTP (Permit No.WQ0011822-001). The Martinez II WWTP is owned and operated by the San Antonio River Authority. The Compost Facility is operated by Texas Landfill Management, LLC. The Somerset WWTP is owned by the City of Somerset and operated by the San Antonio River Authority.

If you have any questions or need additional information, please call me at (210) 302-4200.

Sincerely,

Leamon Anderson
Deputy Director, Utilities Operations
San Antonio River Authority

7-31-24
Date

Lloyd Bamping
Operations Manager
Texas Landfill Management, LLC
Martinez II Recycling Facility

7/31/24
Date

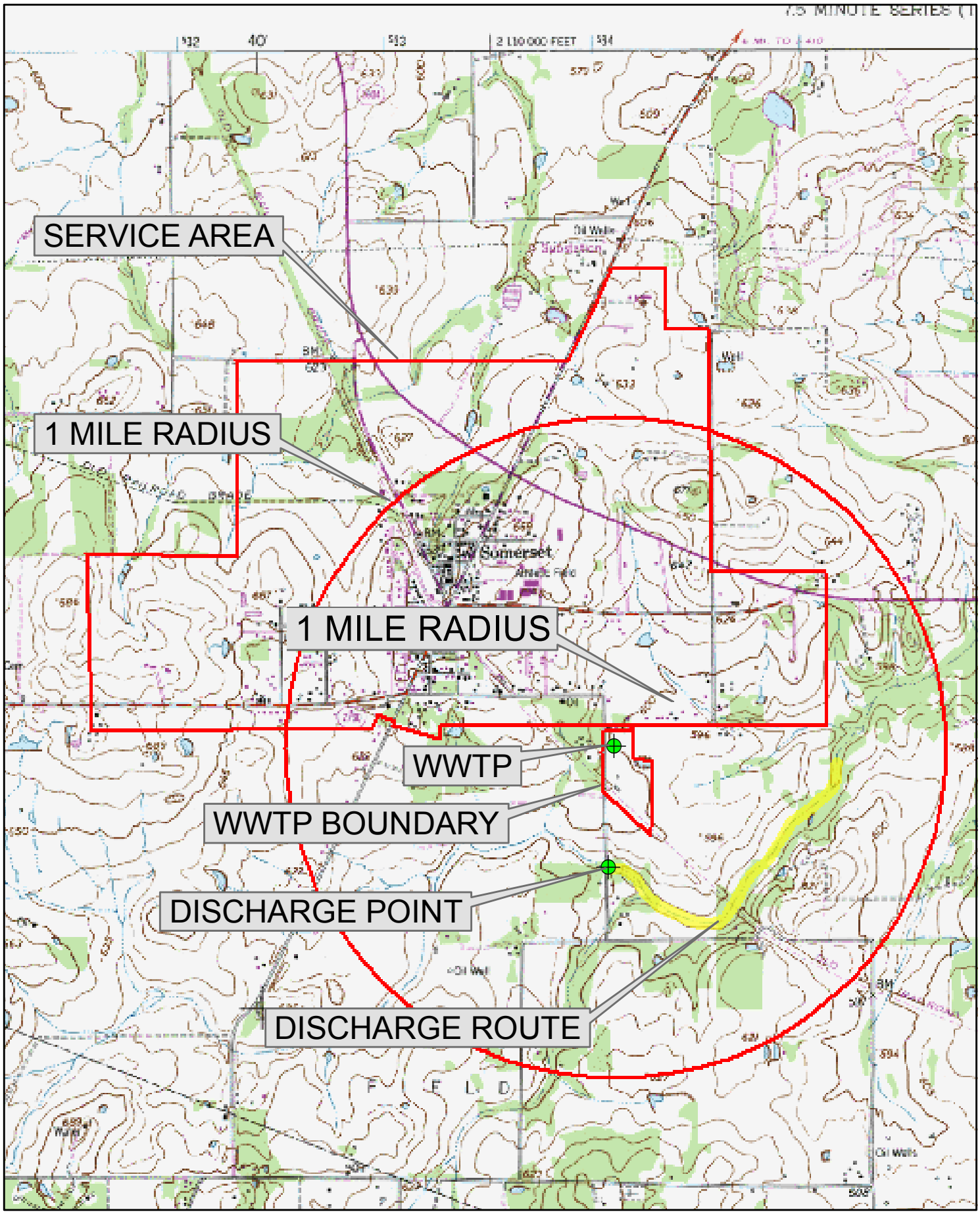
Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 12

Site Drawing

Reference: Domestic Technical Report 1.0

Section 3



0.25 0.125 0 0.25 0.5 0.75 1 Miles

N
W E
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SOMERSET WWTP
FACILITY SITE DRAWING
ATTACHMENT 12

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 6

Domestic Technical Report 1.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.320

2-Hr Peak Flow (MGD): 1.28

Estimated construction start date: N/A

Estimated waste disposal start date: 2013

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: 08/01/2013

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

See Attachment 9

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
See Attachment 10		

C. Process Flow Diagram

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

Attachment: See Attachment 11

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

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

- Latitude: 29.214910
- Longitude: -98.649772

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

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

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: See Attachment 12

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

City of Somerset

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

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
City of Somerset Collection System	City of Somerset	**Publicly Owned**	1,631
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☒ Yes ☐ No

If yes, provide the date(s) of approval for each phase: 11/16/2010

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

N/A

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

N/A

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

4. *Grease and decanted liquid disposal*

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

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

Click to enter text.

E. Stormwater management

1. *Applicability*

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. *MSGP coverage*

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

3. *Conditional exclusion*

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

5. ***Zero stormwater discharge***

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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

intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Click to enter text.

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

Click to enter text.

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	8	8	1	Grab	7/17/24,9:11am
Total Suspended Solids, mg/l	2	2	1	Grab	7/17/24,9:11am
Ammonia Nitrogen, mg/l	0.5	0.5	1	Grab	7/17/24,9:11am
Nitrate Nitrogen, mg/l	12.1	12.1	1	Grab	7/17/24,9:11am
Total Kjeldahl Nitrogen, mg/l	6	6	1	Grab	7/17/24,9:11am
Sulfate, mg/l	57	57	1	Grab	7/17/24,9:11am
Chloride, mg/l	111	111	1	Grab	7/17/24,9:11am
Total Phosphorus, mg/l	3.37	3.37	1	Grab	7/17/24,9:11am
pH, standard units	7.00 min	7.50 max	16	Grab	June 2024
Dissolved Oxygen*, mg/l	4.30 min	6.11 max	16	Grab	June 2024
Chlorine Residual, mg/l	1.20 min	3.80 max	30	Grab	June 2024
E.coli (CFU/100ml) freshwater	41	41	1	Grab	4/8/24, 10:15am
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	468	468	1	Grab	7/17/24,9:11am
Electrical Conductivity, µmohs/cm, †	N/A	N/A	N/A	N/A	N/A
Oil & Grease, mg/l	N/A	N/A	N/A	N/A	N/A
Alkalinity ($CaCO_3$)*, mg/l	N/A	N/A	N/A	N/A	N/A

*TPDES permits only
†TLAP permits only

See Attachment 13

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Roel Vela

Facility Operator's License Classification and Level: Class B Wastewater

Facility Operator's License Number: WW0062301

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Biosolids Management

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

all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Not Applicable	6.0	Choose an item.	Choose an item.
Other	Off-site Third-Party Handler or Preparer	Not Applicable	10.0	Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Transport to another WWTP, See Attachment 14

D. Disposal site

Disposal site name: Republic, Tessman Rd. Landfill / Martinez II WWTP

TCEQ permit or registration number: 1410 / WQ0010749-004

County where disposal site is located: Bexar / Bexar

E. Transportation method

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

Name of the hauler: San Antonio River Authority

Hauler registration number: 21858

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

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

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

  Attachment: Click to enter text.
- Site map:

  Attachment: Click to enter text.

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

☐ Overlap a designated 100-year frequency flood plain

☐ Soils with flooding classification

☐ Overlap an unstable area

☐ Wetlands

☐ Located less than 60 meters from a fault

☐ None of the above

Attachment: Click to enter text.

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

Click to enter text.

B. Temporary storage information

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

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

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

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

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

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

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

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

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

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

  Attachment: Click to enter text.

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: Click to enter text.

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Lydia Hernandez

Title: Mayor

Signature: Lydia P. Hernandez

Date: 8/6/2024

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 7

Domestic Technical Report 2.0

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 64)

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

☐ Yes ☒ No

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

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

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

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

Attachment: Click to enter text.

Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

Click to enter text.

C. Sea grasses

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

☐ Yes ☐ No

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

Click to enter text.

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

If yes, this Worksheet is complete.

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

Section 4. Description of Immediate Receiving Waters (Instructions Page 65)

Name of the immediate receiving waters: Unnamed Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☒ Other, specify: Dry Creek

B. Flow characteristics

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

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

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

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

Elm Creek

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

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

Dry creek upstream. Water clear at point of discharge.

Date and time of observation: July 17, 2024 / 9:18am

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

Section 5. General Characteristics of the Waterbody (Instructions Page 66)

A. Upstream influences

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

☐ Oil field activities ☐ Urban runoff

☐ Upstream discharges ☒ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify: Click to enter text.

B. Waterbody uses

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

☒ Livestock watering

☐ Irrigation withdrawal

☐ Fishing

☐ Domestic water supply

☐ Park activities

☐ Contact recreation

☐ Non-contact recreation

☐ Navigation

☐ Industrial water supply

☐ Other(s), specify: Click to enter text.

C. Waterbody aesthetics

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

☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional

☒ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid

☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX0074331)

Attachment 15

Application Signature Page

Reference: Domestic Administrative Report 1.0 (Form 10053)

Section 14

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0011822-001

Applicant: City of Somerset

Certification:

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

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

Signatory name (typed or printed): Lydia Hernandez

Signatory title: Mayor

Signature: Lydia P. Hernandez Date: August 16, 2024

(Use blue ink)

Subscribed and Sworn to before me by the said Lydia P. Hernandez

on this 16th day of August, 2024.

My commission expires on the 22nd day of February, 2028.

AR

Notary Public

[SEAL]

Bexar

County, Texas

AVRIL JAELYNN RODRIGUEZ
Notary Public, State of Texas
Comm. Expires 02-22-2028
Notary ID 134775563

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

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

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

☐ Yes ☒ No

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

Click to enter text.

C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)

A. Substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 3.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 90)

A. General information

Company Name: N/A

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

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

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

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

N/A

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: Click to enter text.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: N/A

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

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

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

☐ Yes ☒ No

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

N/A

[redacted]

City of Somerset Wastewater Discharge Permit Renewal 08/2024
TPDES No. WQ0011822-001 (EPA I.D. TX007431)

Water Balance

This application is for a renewal, water balance is not required for a renewal.

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0011822001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	SOMERSET WWTP
Does the site have a physical address?	Yes
Physical Address	
Number and Street	20280 PAYNE RD
City	SOMERSET
State	TX
ZIP	78069
County	BEXAR
Latitude (N) (##.######)	29.219414
Longitude (W) (-###.######)	-98.649794
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN101609139
What is the name of the Regulated Entity (RE)?	CITY OF SOMERSET WWTP
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	20280 PAYNE RD
City	SOMERSET
State	TX
ZIP	78069
County	BEXAR
Latitude (N) (##.######)	
Longitude (W) (-###.######)	
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC

City of-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN600528061
Type of Customer	City Government
Full legal name of the applicant:	
Legal Name	City of Somerset
Texas SOS Filing Number	
Federal Tax ID	
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	

DUNS Number	
Number of Employees	
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	City of Somerset
Prefix	MS
First	Lydia
Middle	
Last	Hernandez
Suffix	
Credentials	
Title	Mayor
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET
State	TX
ZIP	78069
Phone (###-###-####)	8304014100
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Mayor@somersettx.gov

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	CN600528061, City of Somerset
Organization Name	CITY OF SOMERSET
Prefix	MS
First	Rebecca
Middle	
Last	Morin
Suffix	
Credentials	
Title	Finance Director
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET
State	TX
ZIP	78069
Phone (###-###-####)	8307014100

Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	finance.director@somersettx.gov

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	CITY OF SOMERSET
Prefix	MR
First	Michael
Middle	
Last	Montney
Suffix	
Credentials	
Title	Operations Director
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET
State	TX
ZIP	78069
Phone (###-###-####)	8307014100
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8304293781
E-mail	operations.director.@somersettx.gov

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	CITY OF SOMERSET
Prefix	MR
First	Michael
Middle	
Last	Montney
Suffix	
Credentials	
Title	Operations Director
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET

State	TX
ZIP	78069
Phone (###-###-####)	8307014100
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8304293781
E-mail	operations.director@somersettx.gov

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	
Organization Name	CITY OF SOMERSET
Prefix	MS
First	Lydia
Middle	
Last	Hernandez
Suffix	
Credentials	
Title	Mayor
Enter new address or copy one from list:	

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SOMERSET
State	TX
ZIP	78069
Phone (###-###-####)	8307014100
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Mayor@somersettx.gov

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	Technical Contact
2) Organization Name	CITY OF SOMERSET
3) Prefix	MR
4) First	Michael
5) Middle	
6) Last	Montney
7) Suffix	
8) Credentials	
9) Title	Operations Director

Mailing Address

10) Enter new address or copy one from list	
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	7360 E 6TH ST
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	SOMERSET
11.4) State	TX
11.5) ZIP	78069
12) Phone (###-###-####)	8307014100
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	operations.director@somersett.gov

Owner Information

Owner of Treatment Facility	
1) Prefix	
2) First and Last Name	
3) Organization Name	City of Somerset
4) Mailing Address	7360 E. 6th Street
5) City	Somerset
6) State	TX
7) Zip Code	78069
8) Phone (###-###-####)	8307014100
9) Extension	
10) Email	mayor@somersettx.gov
11) What is ownership of the treatment facility?	Public
Owner of Land (where treatment facility is or will be)	
12) Prefix	
13) First and Last Name	
14) Organization Name	City of Somerset
15) Mailing Address	7360 E. 6th Street
16) City	Somerset
17) State	TX
18) Zip Code	78069
19) Phone (###-###-####)	8307014100
20) Extension	
21) Email	mayor@somersettx.gov
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	03/03/2025
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Public Domestic Wastewater

5.1) What is the proposed total flow in MGD discharged at the facility?	0.32
5.2) Select the applicable fee	>= .25 & < .50 MGD - Renewal - $1,215
6) What is the classification for your authorization?	TPDES
6.1) What is the EPA Identification Number?	TX0074331
6.2) Is the wastewater treatment facility location in the existing permit accurate?	Yes
6.3) Are the point(s) of discharge and the discharge route(s) in the existing permit correct?	Yes
6.4) City nearest the outfall(s):	Somerset
6.5) County where the outfalls are located:	BEXAR
6.6) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?	No
6.7) Is the daily average discharge at your facility of 5 MGD or more?	No
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	No

Public Notice Information

Individual Publishing the Notices	
1) Prefix	MR
2) First and Last Name	Michael Montney
3) Credential	
4) Title	Operations Director
5) Organization Name	City of Somerset
6) Mailing Address	7630 E 6TH ST
7) Address Line 2	
8) City	SOMERSET
9) State	TX
10) Zip Code	78069
11) Phone (###-###-####)	8307014100
12) Extension	
13) Fax (###-###-####)	
14) Email	operations.director@somersettx.gov
Contact person to be listed in the Notices	
15) Prefix	MR
16) First and Last Name	Michael Montney
17) Credential	
18) Title	Operations Director
19) Organization Name	City of Somerset
20) Phone (###-###-####)	8307014100
21) Fax (###-###-####)	
22) Email	operations.director@somersettx.gov
Bilingual Notice Requirements	
23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?	Yes
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes
23.2) Do the students at these schools attend a bilingual education program at another location?	No

23.3) Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC 89.1205(g)?	No
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1

1) County	BEXAR
2) Public building name	City of Somerset City Hall
3) Location within the building	Front Desk
4) Physical Address of Building	7360 E. 6th Street
5) City	Somerset
6) Contact Name	Michael Montney
7) Phone (###-###-####)	8307014100
8) Extension	
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language

[File Properties]

File Name	LANG_Somerset_Attachment 2_Plain Languge Summary.pdf
Hash	40DC7A04ADBC9BDCE1960C96A63F089A3181693CF03E92393A9953F382EB9502
MIME-Type	application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name	SPIF_Somerset-Attachment 3_SPIF_and Attachemnt 4_SPIF Map.pdf
Hash	112A7F04684E21A784DA9CEB10296EF5BDCF0CF9C388DCB42A138DBBA53E84BC
MIME-Type	application/pdf

Domestic Attachments

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

[File Properties]

File Name	MAP_Somerset_Attachment 5_USGS Map.pdf
Hash	3E2475EF2743B6BF9308B89A039FC28304F153955780DD57706494FD1E8D9D31
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
2.1) I confirm that Worksheet 2.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes

2.2) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
2.5) I confirm that Worksheet 6.0 (Industrial Waste Contribution) is complete and included in the Technical Attachment.	Yes
2.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No

2.7) Technical Attachment

[File Properties]

File Name	TECH_Somerset_Attachment 6_Domestic Technical Report 1.0.pdf
Hash	FB363070E9D28A08C23A7AEF8EA1B9FF1D4C399E20F1A3DC6CA22BF9543CC806
MIME-Type	application/pdf

[File Properties]

File Name	TECH_Somerset_Attachment 7_Domestic Technical Report 2.0.pdf
Hash	6121BCADFD554ECB69FA33D87A3F1CF639847401B86DF7BC136207B9C5B0FBD5
MIME-Type	application/pdf

[File Properties]

File Name	TECH_SS_10054 (20)_April 2024_DTR_6.0.pdf
Hash	FD51DE9470D670B3CF8DB80BD0BF755E0BB81DD4683A31936BE7977A3D080B8A
MIME-Type	application/pdf

[File Properties]

File Name	TECH_Somerset_Attachment 15_ Application Signature Page.pdf
Hash	063D5BB48D3C7FD957BEB550D8707164CE7897701FC34D160A997817D8A51727
MIME-Type	application/pdf

3) Buffer Zone Map

[File Properties]

File Name	BUFF_ZM_Buffer Zone Map.pdf
Hash	C869409D39F960B6102F50E254AA5EE79AE39104117B6AF39FDF078EAC2B2CEB
MIME-Type	application/pdf

4) Flow Diagram

[File Properties]

File Name	FLDIA_Somerset_Attachment 11_Flow Diagram.pdf
Hash	1597B5FDA6F3EA555A55949CEE5A0EBBCDEAC004DB9ED5C933BA20582C368ED4
MIME-Type	application/pdf

5) Site Drawing

[File Properties]

File Name	SITEDR_Somerset_Attachment 12_Site Drawing.pdf
Hash	3236BDF7EBCF13F0A33C82CF3A81B4692129F66112C5D62F92AD5D79CCC9FD7A
MIME-Type	application/pdf

6) Design Calculations

[File Properties]

File Name	DES_CAL_Design Calculations.pdf
Hash	5018A59C7353DB636932AB02A57F594CBBF3BCBFF8D0F696102DFFE84A6E4F6C
MIME-Type	application/pdf

7) Solids Management Plan

8) Water Balance

[File Properties]

File Name	WB_Water Balance.pdf
Hash	9B3074B4A54C038E3C36A6F7A36B3630846C9104FC9B6AD0983AC0C3822981DE
MIME-Type	application/pdf

9) Other Attachments

[File Properties]

File Name	OTHER_Somerset_Attachment 9_Description of Treatment Process.pdf
Hash	6AAEED81C632D010B430F12EF7A63A475DEE5447FA3D846C7409E94B0989C62B
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Somerset_Attachment 10_Type and Dimensions of Treatment Units.pdf
Hash	37938B5AB613BFFAB62D3ACAE819CC2D68C690C3A5326F7150BC31EC54140D8F
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Somerset_Attachment 13_Pollutant Analyses of Treated Effluent.pdf
Hash	39E545C3A0F2F3044D5DF3DE7B7A4410F35A7CB7710FFD63740E97A6A13CDD7B
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Somerset_Attachment 14_Acceptance of Sludge.pdf
Hash	1A2DA08B09A10748FBDF38EA380485EF705B5DBAFA32F8F2A13A80F8F7214C60
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_Somerset_Attachment 1_Copy of Check.pdf
Hash	C05747E141360FCC989C072451141E2F0C4BA57AD5D2E0FC91CDDEF58ABFC630
MIME-Type	application/pdf

Certification

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

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

there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Daniel P Flores, the owner of the STEERS account ER006578.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0011822001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Daniel P Flores OWNER

Customer Number:	CN600528061
Legal Name:	City of Somerset
Account Number:	ER006578
Signature IP Address:	209.245.218.234
Signature Date:	2024-08-20
Signature Hash:	74AAA88FFE6085FA43F6847DBA4C27341E6E9F932954A5EC24645AEEFF912083
Form Hash Code at time of Signature:	F7DE6D4E6C4AB7B28EC5F9132F6059112FD71BFEDF66A59A5879DDC7E0E0681D

Fee Payment

Fee Amount:	$1200.00
Check Date:	The application fee was paid on 2024-08-12
Check Number:	The check number is M420214

Submission

Reference Number:	The application reference number is 660663
Submitted by:	The application was submitted by ER006578/Daniel P Flores
Submitted Timestamp:	The application was submitted on 2024-08-21 at 08:45:36 CDT
Submitted From:	The application was submitted from IP address 209.245.218.234
Confirmation Number:	The confirmation number is 558749
Steers Version:	The STEERS version is 6.81
Permit Number:	The permit number is WQ0011822001

Additional Information

Application Creator: This account was created by Daniel P Flores